

371222003000-083-025-STEVENSON-20120430

4/30/12

To: San Juan County Community Development and Planning Department

135 Rhone St, Courthouse Annex (360-378-2364)

Friday Harbor, Wa 98250

Objective: To provide baseline narrative information for the following site

- located within Government Lot 1, in the Northwest Quarter, Section 12 Township 37 North, Range 3 West, W.M. on Waldron Island.

- Reach 83

- Tax # for N-1 (371223001) Large parcel

- Tax # for N-2 (371222003) Small parcel

S.J.C. COMMUNITY
APR 30 2012
DEVELOPMENT & PLANNING

From: Mrs. Carol Stevens and Mrs. Joy Sevier (360-378-8260 or sjc@rockisland.com)

Old address: 650 Mullis St Suite 102

New address: 818 Mullis St #1

Friday Harbor, WA 98250

Friday Harbor, WA 98250

-Maps 2B and 12B are inaccurate regarding wetlands, on the referenced parcels. The attached Memorandum for the Record, dated 31 May 2000, details a Site Inspection of Jurisdictional Wetlands (N-1 and N-2) on Waldron Island, WA, done by John G Bradley (for San Juan Surveying). N-1 was confirmed as a wetland, N-2 as probably misidentified.

31 May 2000

MEMORANDUM FOR THE RECORD

To: Mrs. Carol Stevens
C/O Mrs. Joy Sevier
650 Mullis Street
Suite 102
Friday Harbor, WA 98250

From: John G. Bradley, PWS
Island Environmental Sciences
Court Street Professional Building, Suite 4
P.O.Box 611
Friday Harbor, WA 98250

Subject: Site Inspection of Jurisdictional Wetlands (N-1 and N-2) on
Waldron Island, WA

BACKGROUND

Pursuant to our conversation, on 19 May 2000, I traveled to your property on 25 May to make a determination of the probable Jurisdictional Wetlands edge relative to your neighbors proposed building site and the Uniformed Development Code (UDC - 1998).

The site is located within Government Lot 1, in the Northwest Quarter, Section 12, Township 37 North, Range 3 West, W.M. on Waldron Island. Beginning at the County Dock in Cowlitz Bay, proceed northerly "Cowlitz Bay Road" to "Waldron Center Road" then continue northerly to a sharp 90-degree turn to the West. At this point there is a driveway to the Carol Steven's (Exhibit 1). This memorandum documents the results of my determination.

METHODS

There are two (2) Jurisdictional Wetlands (N-1 and N-2) identified to be located on this property. The National Wetland Inventory for Eastsound, WA (Exhibit 2), San Juan County Wetland Inventory for Eastsound, WA (Exhibit 3), and the San Juan County Soil Survey (Exhibit 4) were reviewed.

Soil profiles were reviewed and observations of topographical features adjacent to the one identified wetland noted.

RESULTS AND DETERMINATION

There is wetland (N-1) on the northerly portion of this site as noted on both the National Wetland Inventory and the San Juan County Wetland Inventory. Wetland (N-2) is erroneous and does not exist. The site shown on the National Wetland Inventory and San Juan County Wetland Inventory is mowed pasture and large farmed garden. The soil at this location is mapped and classified as Bellingham Silt Loam (Be) and Bow Silt Loam (BoA) 0 to 3% slope. Bellingham and Bow soils are hydric per the "Hydric Soils of the United States, 4th Edition"(NTCHS 1995). Bow soils are of the Brown Podzolic soil group and Bellingham Coveland soils are of the Humic Gley soil group.

At Wetland N-1, the overstory is dominated by Douglas Fir (*Pseudotsuga menziesii*), Red Alder (*Alnus rubra*), and at the wetland edge Scouler Willow (*Salix scoulerana*) and Hawthorne (*Crataegus douglasii*). The understory dominantes are saplings of the overstory, Himalayan Blackberry (*Rubus discolor*), Salmonberry (*Rubus spectabilis*), and Wild Rose (*Rosa gymnocarpa* and *Nutkana*). The herbaceous layer is dominated by Salal (*Gaultheria shallon*), Snowberry (*Symphoricarpos albus*), Sword Fern (*Polystichum munitum*), Bracken Fern (*Pteridium aquilinum*), Trailing Blackberry (*Rubus vitifolius*) and various grasses such as Velvet (*Holodiscus discolor*), Quack (*Agropyron repens*), Ryegrass (*Lolium perene.*), Reed Canary (*Phalaris arundinacea*), and Orchard (*Dactylis glomerata*) being identified. At the ponds edge near the drainage outlet Bent Grass (*Agrostis spp.*), Pickleweed (*Salicornia virginica*) was observed. Within the constructed pond near the beach, Cattail (*Typha latifolia*) was also noted.

The soils in the vicinity of Wetland N-1 are loose with small stones and sand. The historical record shows this site to be wetland. The field, of which this site is a portion thereof, is maintained pasture and was actively farmed until the early 1960's. Munsell Chromas of 10YR 2/2, 10YR 3/2 and 2.5Y 3/3, observed from 0 to 15". Even after the spring rainfall this ground was not saturated. There was no standing water after 5 minutes. This is consistent with Bow Soil Series on gradient slopes of 3% or more. The soils do not evidence hydric characteristics upslope of the wetland. The soil sample near the wetland edge evidenced Munsell Chromas of 10YR 2/1 and 10YR 3/2 to 14" and standing water at 10" after 5 minutes. This soil sample does evidence hydric characteristics and is characteristic of Bow Soil Series. Along the toe of the natural berm to the North, the soil logs evidenced Munsell Chromas of 10YR 2/2 and 5Y 5/2 between 0 to 16". Standing water in the soil log hole at 8" after 5 minutes. This soil evidences hydric characteristics and representative of Bellingham Silt Loam (Be).

Hydrology for the wetland comes from upslope sheetflow and constructed ditches on the sides of the driveway to the East and from the ditch on the easterly side of the driveway on the westerly boundary, which is directed into the wetland swale and pond

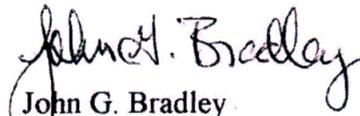
portion of the wetland. Outflow from this pond is subsequently directed into a constructed 24" drainage culvert, which was constructed in 1960 (The date is on the concrete) and drains into Puget Sound. A second culvert goes under the westerly driveway that is a filled portion of the swale, connecting the wetland to additional swale and constructed pond which in turn outflows into Puget Sound via a constructed ditch on adjacent properties.

At this location, there is evidence of wetlands being drained. A large drainage ditch was constructed in the 1920's draining all of the upper fields' i.e., wet meadow near the farmhouse. This drainage ditch is maintained and actively functioning. As this site was pasture or farmed fields until the 1960's this would have been a normal farming practice. Since the pond portion of the wetland was constructed in the late 1950's and the tidal outflow in 1960 (note: the 1959 Soil Survey does not show this pond), this event has precipitated the continuance of altering the upslope soils by the advent of letting them dry out faster and thus there is no longer a perched water table.

Soil logs in the area mapped as Wetland N-2 evidenced Munsell Chromas of 10YR 2/2 at 0-8", 10YR 3/3 8-16" and 10YR 4/4 16-20". The ground was damp not saturated. The site is still occasionally plowed and the garden site composted and rototilled every spring. Although this is an atypical situation, the soils are similar to Indianola Sandy Loam (InC) which is also mapped at this location. This soil type is not hydric per the NTCHS 1995 nor did the soil logs evidence any hydric characteristics. There is another wetland to the Northwest which is not mapped, possibly this wetland was misidentified when the wetland inventory was conducted (Exhibit 5).

CONCLUSION

A potential wetland site was field inspected. The plant community in the immediate vicinity and soil profiles observed confirm that Wetland (N-1) is a Category III Wetland which requires a 50 feet buffer from the located jurisdictional wetland edge per the UDC. Wetland (N-2) is probably misidentified and at the location shown on Exhibit 5. The category of wetland was not determined. The wetland rules and guidelines published within the Uniformed Development Code (UDC- 1998), Section 3, Paragraph 8 refer.



John G. Bradley
Professional Wetland Scientist

Cert. No. 000345

File: 20016 .

Vicinity Map

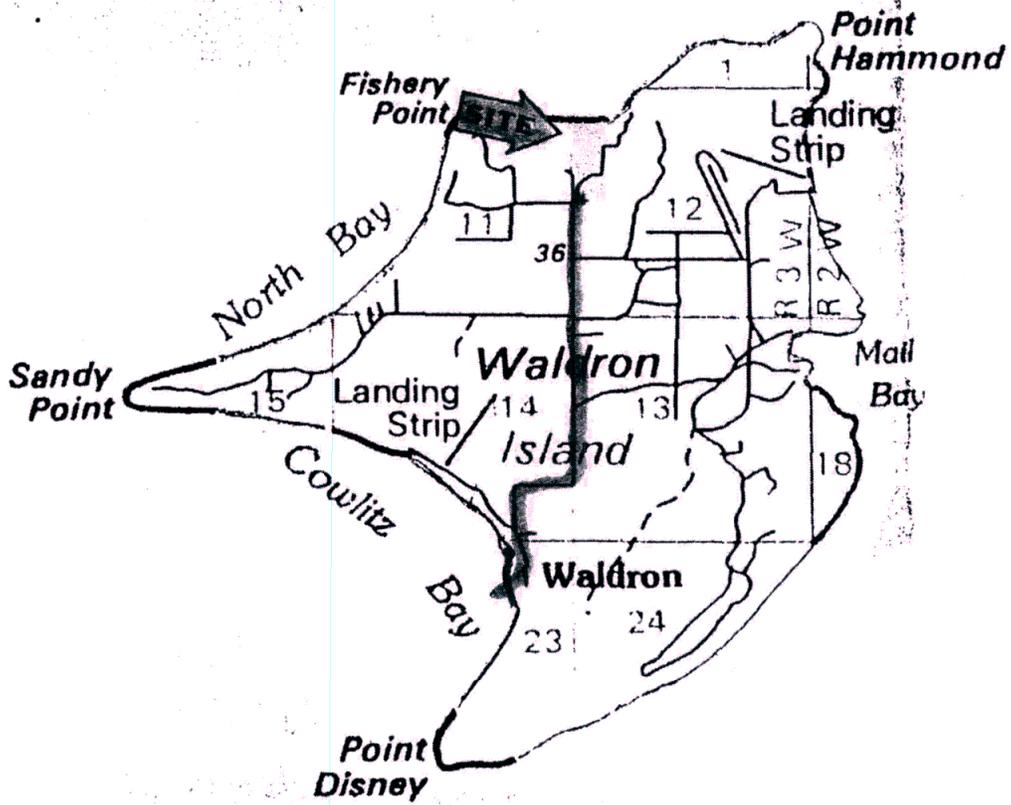


Exhibit 1

National Wetlands Inventory - 1988
A detail

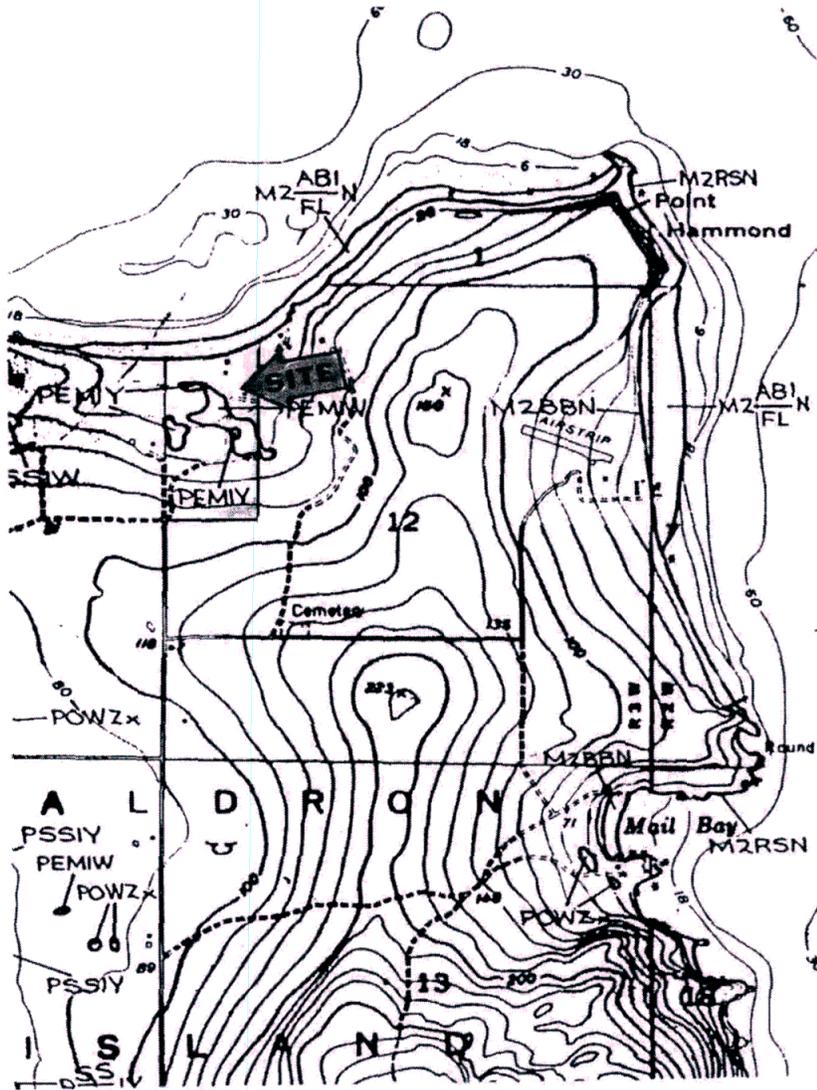


Exhibit 2

San Juan County Wetland Inventory - 1992
A detail

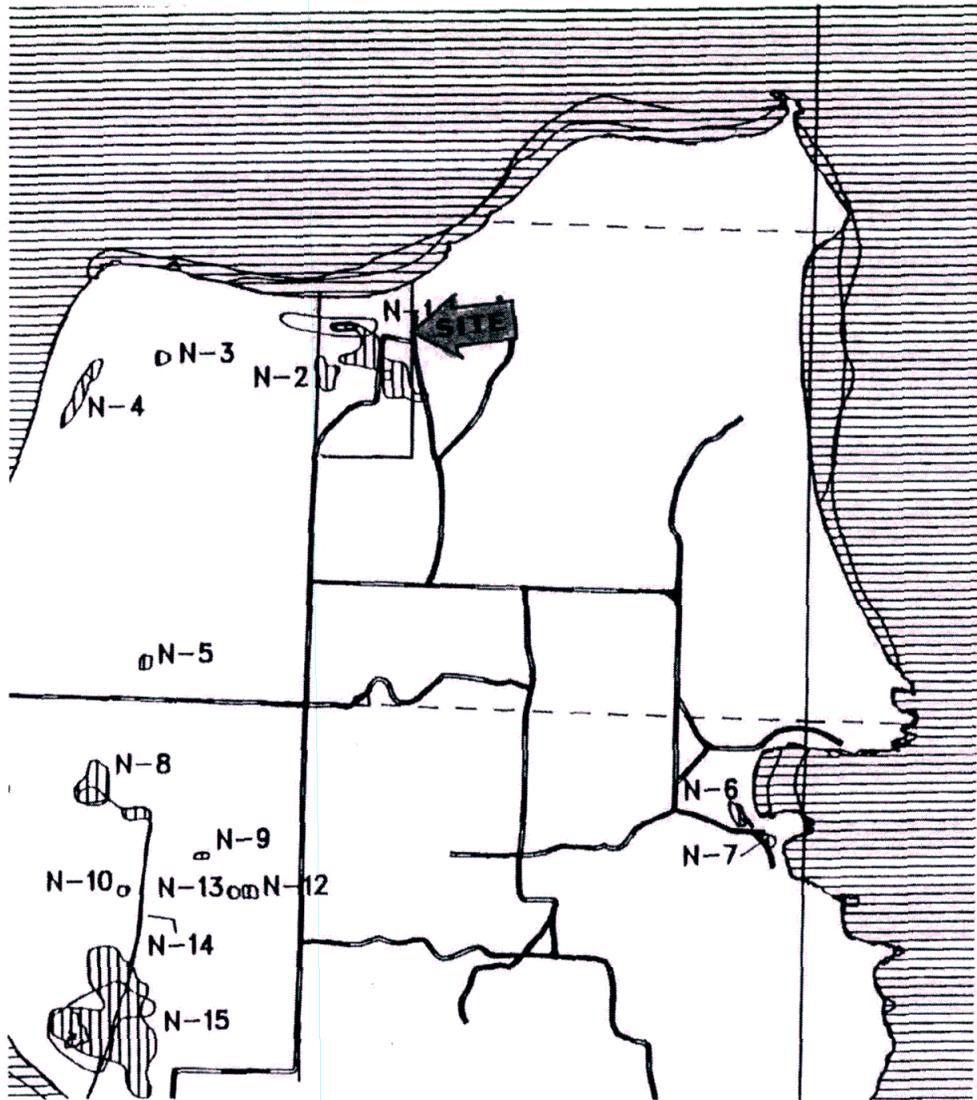


Exhibit 3

Field Sketch Of Site Location

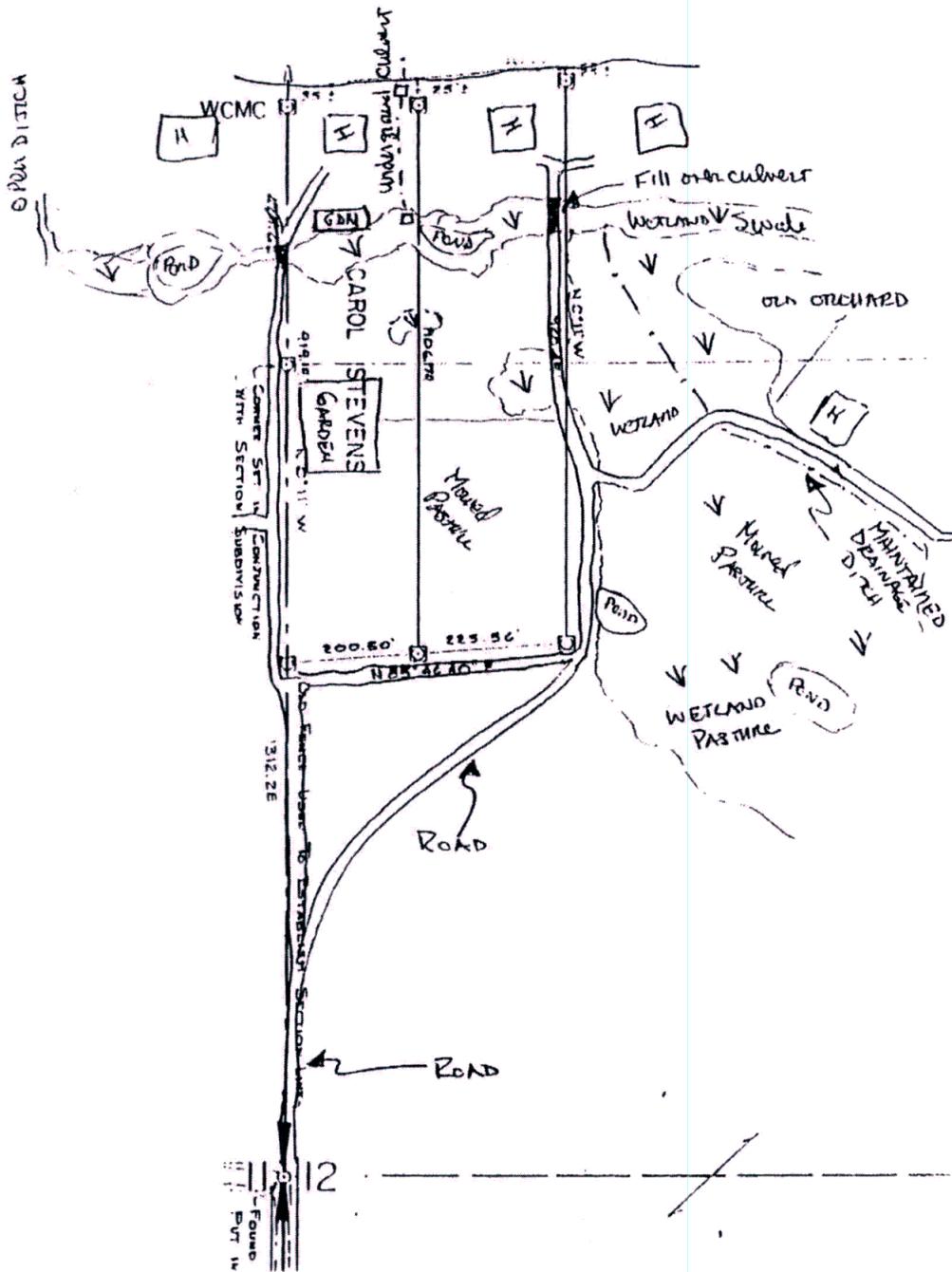


Exhibit 5

	Island's Approx. Area ¹	Ref. No.	Location (S, T, R)	Wetland Community Type ²	Approx. Area ³	Hydric Soil Type ⁴	Source
**	1786.45	N-11	26/37N/4W	PEM	<1	CsA, Ta	NWI, SCS
**	1786.45	N-12	35/37N/4W	POW	<1	None	NWI
Swirl Island	1-5		19/34N/1W	None		None	
Trump Island	29.40		20/35N/1W	M2USN		None	NWI
Turn Island	35.15		18/35N/2W	M2USN		None	NWI
Turn Rock	<1		18/35N/2W	None		None	
Twin Rocks	1.14		18/36N/1W	E2USN		None	NWI
Victim Island	3.00		8/36N/2W	E2UBN		None	NWI
Waldron Island	2936.08		12/37N/3W	PEM	5-10	BoA, Be	NWI, SCS
**	2936.08		12/37N/3W	PEM	1-2	BoA, Be	NWI, SCS
**	2936.08	N-3	11/37N/3W	PSS	<1	Not Mapped	NWI
**	2936.08	N-4	11/37N/3W	PSS, PEM	1-5	Not Mapped	NWI
**	2936.08	N-5	11/37N/3W	POW	<1	Be	NWI, SCS
**	2936.08	N-6	13/37N/3W	POW	<1	None	NWI
**	2936.08	N-7	13/37N/3W	POW	<1	None	NWI
**	2936.08	N-8	14/37N/3W	PSS, PEM	1-5	Be	NWI, SCS
**	2936.08	N-9	14/37N/3W	PEM	<1	Be	NWI, SCS
**	2936.08	N-10	14/37N/3W	PEM	<1	Be	NWI, SCS
**	2936.08	N-11	14/37N/3W	PSS	1-2	BoA	NWI, SCS
**	2936.08	N-12	14/37N/3W	POW	<1	BoB	NWI, SCS
**	2936.08	N-13	14/37N/3W	POW	<1	BoB	NWI, SCS
**	2936.08	N-14	14/37N/3W	PSS	<1	Be	NWI, SCS
**	2936.08	N-15	14/37N/3W	PEM, PSS	20-25	Be	NWI, SCS
**	2936.08	N-16	14/37N/3W	PEM	5-10	Ho	NWI, SCS
**	2936.08	N-17	13/37N/3W	POW	<1	None	NWI
Whale Rocks	.75		16/34N/2W	M2RSN		None	NWI
White Rock	1.45		27/37N/3W	None		None	

ERROR ON MAPPING

WETLANDS RATING OFFICE DATA FORM

BACKGROUND INFORMATION:

Name of Rater: JOHN G. BEADLEY

Affiliation: ISLAND ENVIRONMENTAL SCIENCES Date: 5/31/00

Name of wetland (if known): N-1

Government jurisdiction of wetland: LOCAL

Location: 48-611 of 1/4 S: NW Section: 12 Twshp: 31N Range: 3 WEST, W.M

SOURCES OF INFORMATION (check all that apply):

Site visit USGS topo map NWI map Aerial photo Soils survey

Other: Describe: SAN JUAN COUNTY WETLAND INVENTORY 1992

When office and/or field data forms are completed ENTER CATEGORY HERE: III

ANSWER ALL QUESTIONS BELOW. If the source agency identifies the wetland as satisfying any of the questions below, circle the category in the "CATEGORY" column.

	Data Source	Category (the highest that qualifies)
Does the wetland contain individuals of Federal or State-listed Threatened or Endangered plant species; or is the wetland an historic location of a plant species thought to be possibly extinct or extirpated from Washington?	WDNR (Natural Heritage Program)	Yes: Category I <input checked="" type="radio"/> No: go to next question
Does the wetland contain documented habitats for State-listed or candidate Threatened or Endangered wildlife species managed by the Washington Department of Fish and Wildlife?	WDFW	Yes: Category I <input checked="" type="radio"/> No: go to next question
Does the wetland contain documented habitats of State or Federally listed or State or Federal candidate Threatened or Endangered fish species, or races of fish, managed by the Washington Department of Fish and Wildlife?	WDFW	Yes: Category I <input checked="" type="radio"/> No: go to next question
Is the wetland already on record with the Washington Natural Heritage Program as a high quality native wetland?	WDNR (Natural Heritage Program)	Yes: Category I <input checked="" type="radio"/> No: go to next question
Is the wetland documented habitat of regional (Pacific Coast) or national significance for migratory birds?	WDFW	Yes: Category I <input checked="" type="radio"/> No: go to next question

WETLANDS OFFICE RATING FORM (cont.)

<p>Is the wetland documented as Category I Wetland of Local Significance?</p>	<p>Local Govt.</p>	<p>Yes: Category I <input checked="" type="radio"/> No: go to next question</p>
<p>Does the wetland contain individuals of State-listed Sensitive plant species?</p>	<p>WDNR (Natural Heritage Program)</p>	<p>Yes: Category I <input checked="" type="radio"/> No: go to next question</p>
<p>Does the wetland contain documented habitat for State-listed or candidate sensitive wildlife species managed by the WA Department of Fish and Wildlife?</p>	<p>WDFW</p>	<p>Yes: Category II <input checked="" type="radio"/> No: go to next question</p>
<p>Does the wetland contain priority species or habitats documented by the WDFW Priority Habitats and Species Program?</p>	<p>WDFW</p>	<p>Yes: Category II <input checked="" type="radio"/> No: go to next question</p>
<p>Is the wetland documented as a Category II Wetland of Local Significance?</p>	<p>Local Govt.</p>	<p>Yes: Category II <input checked="" type="radio"/> No: go to next question</p>
<p>Is the wetland documented as a Category III Wetland of Local Significance?</p>	<p>Local Govt.</p>	<p>Yes: Category III <input checked="" type="radio"/> No: go to Wetlands Rating Field Form</p>

WETLANDS RATING FIELD DATA FORM

BACKGROUND INFORMATION:

Name of Rater: JOHN G. BRADLEY
 Affiliation: ISLAND ENVIRONMENTAL SCIENCES Date: 5/31/00
 Name of wetland (if known): N-1
 Government jurisdiction of wetland: LOCAL
 Location: 1/4 S. 61 E. of 1/4 S. NW Section: 12 Twshp: 37N Range: 3 WEST, W M

SOURCES OF INFORMATION (check all that apply):

Site visit USGS topo map NWI map Aerial photo Soils survey
 Other: Describe: SAN JUAN COUNTY WETLANDS INVENTORY 1992

When the Office and/or Field Data Forms are completed ENTER CATEGORY HERE: III

Q.1. High Quality Natural Heritage Wetland

[Circle answers]

Answer this question if you have adequate information or experience to do so. If not, find someone with the expertise to answer. Then, if the answer to questions 1.a, 1.b, and 1.c are all NO, contact the Natural Heritage Program of WDNR.

1.a. Is there significant evidence of human-caused changes to topography or hydrology of the wetland? Significant changes *could* include clearing, grading, filling, logging of the wetland or its immediate buffer, or culverts, ditches, dredging, diking, or drainage of the wetland. Briefly describe the changes and your information source(s): DITCHED, MOWN, TILLED FARM LAND

Yes: go to Q.3
 No: go to 1.b.

1.b. Are there populations of non-native plants which are currently present and appear to be invading native populations? Briefly describe any non-native populations and information source(s): _____

Yes: go to Q.3
 No: go to 1.c.

1.c. Is there significant evidence of human-caused disturbance of the water quality of the system? Degradation of water quality could be evidenced by culverts entering the system, direct road/parking lot runoff, evidence of historic dumping of wastes, oily sheens, extreme eutrophic conditions, livestock use, dead fish, etc. Briefly describe: _____

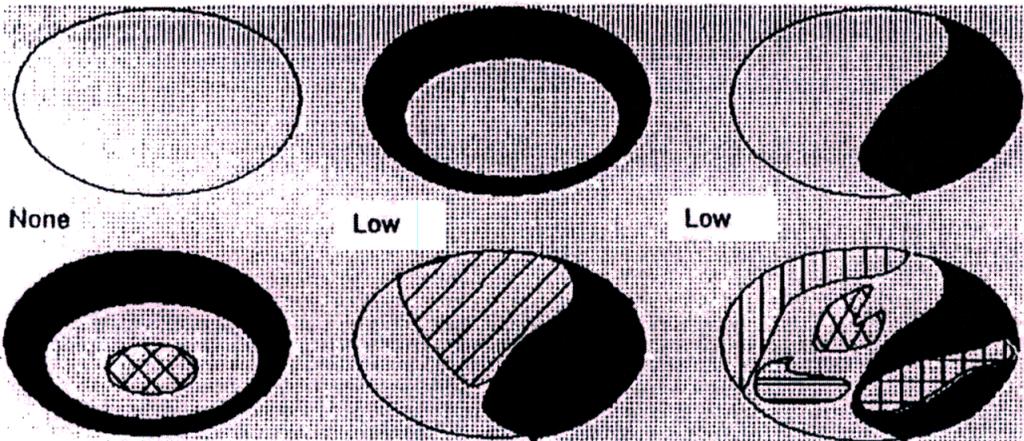
Yes: go to Q.3
 No: Possible Category I wetland

<p>Q.2. Regionally Rare Native Wetland Communities</p> <p>[The Department of Ecology is developing a methodology for regionally rare native wetland communities. It is not yet available for use.]</p>	
<p>Q.3. Irreplaceable Ecological Functions</p> <p>Does the wetland:</p> <ul style="list-style-type: none"> - have at least 0.5 acre of contiguous peat wetland? or, - have a forested class larger than one acre? or, - have characteristics of an estuarine system? 	<p>No to all: go to Q4</p> <p>Yes: go to 3.a</p> <p>Yes: go to 3.b</p> <p>Yes: go to 3.c</p>
<p>Q.3.a. Peat Wetlands.</p> <p>3.a.1. Does at least 0.5 acre of the contiguous peat wetland have <25 percent areal cover of any combination of species from the list of invasive/exotic species on page 19, and have <80 percent areal cover of <i>Spirea douglasii</i>? (ref. <i>Washington State Wetlands Rating System for Western Washington</i>, WDOE Publication #91-57)</p>	<p>Yes: Category I</p> <p>No: go to Q.4</p>
<p>Q.3.b. Mature Forested Wetlands</p> <p>3.b.1. Is the average age of dominant trees in the forested wetland >80 years?</p> <p>3.b.2. Is the average age of dominant trees in the forested wetland 50-80 years, and is the structural diversity high as characterized by a multi-layer community of trees >50 feet tall and trees 20-49 feet tall and shrubs and herbaceous groundcover?</p> <p>3.b.3. Is <50 percent (areal cover) of the dominant plants in one or more layers (canopy, young trees, shrubs, herbs, invasive/exotic plant species from the p. 19 list (ref. <i>Washington State Wetlands Rating System for Western Washington</i>, WDOE Publication #91-57)?</p>	<p>Yes: Category I</p> <p>No: go to 3.b.2</p> <p>Yes: go to 3.b.3</p> <p>No: go to Q.5</p> <p>Yes: go to Q.5</p> <p>No: Category I</p>
<p>Q.3c. Estuarine Wetlands.</p> <p>3c.1. Is the wetland listed as National Wildlife Refuge, National Park, National Estuary Reserve, Natural Area Preserve, State Park, or Educational, Environmental, or Scientific Reserves designated under WAC 332-30-151?</p>	<p>Yes: Category I</p> <p>No: go to 3.c.2</p>

<p>3.c.2. Is the wetland >5 acres? or is the wetland 1-5 acres? or is the wetland <1 acre?</p> <p>3.c.3. Wetlands of 1-5 acres: Does the wetland meet at least three of the following four criteria?</p> <ul style="list-style-type: none"> - minimum existing evidence of human-related disturbance such as diking, ditching, filling, cultivation, grazing, or the presence of non-native plant species (see guidebook for definition) - surface water connection with tidal saltwater or tidal freshwater - at least 75 percent of the wetland has a 100-foot buffer of ungrazed pasture, open water, shrub or forest - has at least three of the following features: low marsh, high marsh, tidal channels, lagoon(s), woody debris, or contiguous freshwater wetland <p>3.c.4. Wetlands <1 acre: Does the wetland meet all of the four criteria under 3.c.3 (above)?</p>	<p>Yes: Category I Yes: go to 3.c.3 Yes: go to 3.c.4</p> <p>Yes: Category I No: Category II</p> <p>Yes: Category II No: Category II</p>														
<p>Q.4. Category IV wetlands.</p> <p>4.1. Is the wetland: less than 0.5 acre and hydrologically isolated and comprised of <u>one</u> vegetated class that is dominated (>80 percent areal cover) by <u>one</u> species from the list in guidance p. 18? (ref. <i>Washington State Wetlands Rating System for Western Washington</i>, WDOE Publication #91-57)</p>	<p>Yes: Category IV (No) go to Q.5.</p>														
<p>Q.5. Significant Habitat Value. Answer all questions and enter the data requested.</p> <p>5.a. Total Wetland Area.</p> <p>Estimate area, select from the choices to the right, and circle the scores that qualify:</p> <p>Enter acreage of wetland: <u>5</u>, and source: <u>STANISLETT</u>.</p>	<p>[Circle scores]</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>Score</td> <td></td> </tr> <tr> <td>>20.00 acres</td> <td>6</td> </tr> <tr> <td>10-19.99 acres</td> <td>5</td> </tr> <tr> <td>5-9.99 acres</td> <td>(4)</td> </tr> <tr> <td>1-4.99 acres</td> <td>3</td> </tr> <tr> <td>0.1-0.99 acres</td> <td>2</td> </tr> <tr> <td><0.1 acres</td> <td>1</td> </tr> </table>	Score		>20.00 acres	6	10-19.99 acres	5	5-9.99 acres	(4)	1-4.99 acres	3	0.1-0.99 acres	2	<0.1 acres	1
Score															
>20.00 acres	6														
10-19.99 acres	5														
5-9.99 acres	(4)														
1-4.99 acres	3														
0.1-0.99 acres	2														
<0.1 acres	1														

<p>5.b. Wetland Classes. Circle the wetland classes below that qualify:</p> <ul style="list-style-type: none"> - <u>Open water</u>: if the area of open water is >0.5 acre or >10 percent of the total wetland area. Source: _____ - <u>Aquatic beds</u>: if the area of aquatic beds is >10 percent of the open water area or <0.5 acre. - <u>Emergent</u>: if the area of emergent class is >0.5 acre or 10 percent of the total wetland area. - <u>Scrub-Shrub</u>: if the area of scrub-shrub is >0.5 acre or 10 percent of the total wetland area. - <u>Forested</u>: if the area of forested class is >0.5 acre or 10 percent of the total wetland area. 		<p>No</p> <p>No</p> <p>YES</p> <p>YES</p> <p>No</p>
<p>Add the number of wetland classes, <i>above</i>, that qualify and then score them at the right. <i>E.g.</i>, if there are four classes you would circle 7 points.</p>	<p>Number of Classes</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>Score</p> <p>1</p> <p>3</p> <p>5</p> <p>7</p> <p>10</p>

5.c. Plant Species Diversity.	Class	No. of Species	Scores
<p>For all wetland classes (at right) that qualify in 5.b., <i>above</i>, count the number of different plant species you can find. You do not have to name them.</p> <p>Score these classes at the right. <i>E.g.</i>, if a wetland has an aquatic bed class with three species, an emergent class with four species, and a scrub-shrub class with two species, you would first circle 2, then 2, and then 1 for scores.</p>	Aquatic Bed	1-2	1
		3	2
		>3	3
	Emergent	1-2	1
		3-4	2
		>4	3
	Scrub-Shrub	1-2	1
		3-4	2
		>4	3
	Forested	1-2	1
		3-4	2
		>4	3

<p>5.d. Structural Diversity. If the wetland has a forested class, add one point for each of the following:</p> <ul style="list-style-type: none"> - trees > 50 feet tall - trees 20–49 feet tall - shrubs - herbaceous ground cover 	<p>Score</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>
<p>5.e. Interspersion between Wetland Classes. Decide from the diagrams below whether the interspersion is high, moderate, low or none:</p>  <p>None Low Low</p> <p>Moderate Moderate High</p>	<p>Score</p> <p>High = 3</p> <p>Moderate = 2</p> <p>Low = 1</p> <p>None = 0</p>
<p>5.f. Habitat Features. Answer the questions below, circle features that apply, and score.</p> <ul style="list-style-type: none"> - Is there evidence of current use by beavers? - Is a heron rookery located within 300 feet? - Are raptor nests located within 300 feet? - Are there at least three standing dead trees (snags) per acre? - Are any of these standing dead trees >10 inches in diameter? - Are there any other perches (wires, poles or posts)? - Are there at least three downed logs per acre? 	<p>Score</p> <p>3</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>

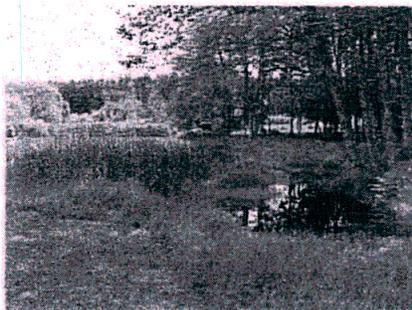
<p>5.g. Connection to Streams. (Score one answer only.)</p> <p>Is the wetland connected at any time of the year <i>via</i> surface water:</p> <ul style="list-style-type: none"> - to a perennial stream or a seasonal stream with fish? - or to a seasonal stream <u>without</u> fish? - or is not connected to any stream? 	<p>Score</p> <p>5 3 <u>0</u></p>
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<p>5.h. Buffers.</p> <p>STEP 1</p> <p>Estimate (to the nearest five percent) the percentage of each buffer or land-use type (<i>below</i>) that adjoins the wetland boundary. Then multiply the percentages by the factor(s) below and enter the result in Step 3.</p> <p>Roads, buildings or parking lots: % <u>10</u> x 0 =</p> <p>Lawn, grazed pasture, vineyards or annual crops: % <u>70</u> x 1 =</p> <p>Ungrazed grassland or orchards: % <u>10</u> x 2 =</p> <p>Open water or native grasslands: % _____ x 3 =</p> <p>Forest or shrub: % <u>10</u> x 4 =</p>	<p>STEP 2</p> <p>Multiply result(s) of Step 1: by 1 if buffer width is 25–50 feet by 2 if buffer width is 50–100 feet by 3 if buffer width is >100 feet</p> <p>Enter the results below and add to obtain the Buffer Total.</p> <p><u>10</u> x 0 = 0</p> <p><u>70</u> x 2 = <u>140</u></p> <p><u>20</u> x 3 = <u>60</u></p> <p>_____ x _____ = _____</p> <p><u>10</u> x 3 = <u>30</u></p> <hr/> <p>Add Buffer Total = <u>320</u></p>
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<p>STEP 3. Score Points from Step 2 at the right as follows:</p>	<p>Score</p>
<p><u>Buffer Total</u></p> <p>900–1,200</p> <p>600–899</p> <p>300–599</p> <p>100–299</p>	<p>4</p> <p>3</p> <p><u>2</u></p> <p>1</p>

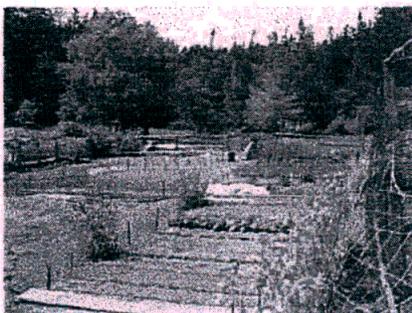
5.i. Connection to Other Habitat Areas.	Score
- Is there a riparian corridor to other wetlands within 0.25 mile or a corridor >100-feet wide with good forest or shrub cover to any other habitat area?	(5)
- Is there a narrow corridor <100-feet wide with good cover or a wide corridor > 100' wide with low cover to any other habitat area?	3
- Is there a narrow corridor <100-feet wide with low cover or a significant habitat area within 0.25 mile but no corridor?	1
- Is the wetland and buffer completely isolated by development and/or cultivated agricultural land?	0
<p>NOW: Add the scores circled for Questions 5.a through 5.i, <i>above</i>, to get a total.</p> <p>Is the Total greater than or equal to 22 points?</p>	<p>Total = <u>21</u></p> <p>Yes = Category II</p> <p>(No) = Category III</p>

Wetland N-1
Government Lot 1, Northwest Quarter
Section 12, Township 37 North, Range 2 West W.M.
Waldron Island, WA



Wetland N-1
looking East
towards old
farmhouse

Wetland N-1
looking West
at culvert and
North to
outflow.



Garden Site
within N-1
behind house
within the
swale.

**Wetland N-2 Site
And
Probable Wetland N-2
(Misidentified)
Government Lot 1, Northwest Quarter
Section 12, Township 37 North, Range 2 West W.M.
Waldron Island, WA**

25 May 2000



Wetland N-2
per San Juan
County Map

Not Wetland

Wetland N-2
per San Juan
County Map

Not Wetland



Wetland N-2?
Probable site
which was
misidentified
to northwest.



Portion of
Wetland Area
on adjacent
property to
northwest.