

P.O. Box 19313  
Portland, OR 97280-0313  
February 19, 1993

Rainmar Bartyl, City Planner  
City of Cannon Beach  
P.O. Box 368  
Cannon Beach, OR 97110

Re: Wetland Reconnaissance on Janet McMahon lot on Forest Lawn Road, Cannon Beach

Dear Rainmar,

As we discussed on the phone yesterday, I am sending you a copy of the Wetlands report that Shapiro and Associates performed on my lot this past November, which shows the property to be void of any wetland area.

You mentioned that you would pass the report on to the Building Department so that they will have it when I fill out the excavation permit prior to having the property cleared. Thank you.

I plan to leave all trees standing, as you and I discussed, including leaving the root areas undisturbed. Any fill added along the Hemlock side as a berm will be done so as not to restrict vision when exiting Forest Lawn onto Hemlock, which I will indicate on the permit.

Thanks once again for your help.

Sincerely,



Janet L. McMahon  
(503) 246-3282 home  
(503) 598-8500 office

WETLAND RECONNAISSANCE  
TOWNSHIP 5, RANGE 10, SECTION 30 PORTION DA, TAX LOT 4101  
CANNON BEACH, CLATSOP COUNTY, OREGON

Prepared for  
Ms. Janet McMahon

Prepared by:  
R. Dale Graff

SHAPIRO AND ASSOCIATES, INC.  
1020 S.W. Taylor Street, Suite 620  
Portland, Oregon 97205

December 10, 1992

# SHAPIRO & ASSOCIATES<sup>PC</sup>

1020 S.W. Taylor  
Suite 610

Portland  
Oregon 97205

Tel: 503/223-7490  
Fax: 503/228-4731

December 10, 1992

Ms. Janet McMahon  
P.O. Box 19313  
Portland, OR 97280

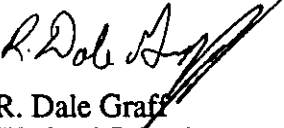
Re: Wetland Reconnaissance of a 0.23-acre parcel in Cannon Beach, Clatsop County, Oregon  
(Shapiro #950060).

Dear Janet:

Enclosed is a wetland reconnaissance report for your 0.23-acre parcel located on Forest Lawn Road in Cannon Beach, Oregon. SHAPIRO appreciates the opportunity to be of service to you on this important project. We do not anticipate further work on this project, but look forward to being of service to you for any future needs. Please do not hesitate to call us regarding questions you may have concerning this report.

Sincerely,

SHAPIRO AND ASSOCIATES, INC.

  
R. Dale Graff  
Wetland Scientist

Enclosures

## INTRODUCTION

Shapiro and Associates, Inc. (SHAPIRO) performed a wetland reconnaissance on November 30, 1992, of a 0.23-acre parcel in Cannon Beach, Clatsop County, Oregon. The property is located near the shore of the Pacific Ocean, directly east of Haystack Rock on the east side of Forest Lawn Road. The parcel slopes gently (2 to 3%) toward the north and is covered primarily with scrub-shrub vegetation. Property locator maps are presented in Appendix A.

A wetland reconnaissance was performed to determine if wetlands were present on the site and, if wetlands were present, to provide information concerning their location, size, and relative value.

## METHODS

The analysis of wetlands conducted on this site was based on methods developed by the U.S. Army Corps of Engineers (Corps) and other federal agencies for implementation of Section 404 of the Clean Water Act. The methods are commonly referred to as the Unified Federal Method (Federal Interagency Committee for Wetland Delineation, 1989) and the Triple Parameter Approach (U.S. Army Corps of Engineers, 1987). Use of the Unified Federal Method (1989) is required by the Oregon Division of State Lands, while use of the Triple Parameter Approach (1987) is required by the Corps. Using these methods, vegetation, soils, and hydrologic indicators were evaluated to determine if the site contained wetlands.

Prior to the wetland reconnaissance, available information on the site was reviewed including a site map provided by the property owner, the Clatsop County Soil Survey, an aerial photograph, and the National Wetland Inventory (NWI). Field work was conducted by traversing the property on an approximately 40-foot grid, noting the plant communities and hydrologic indicators. Soil samples to a depth of approximately 18 inches were collected by using an auger to verify the presence or absence of hydric soil indicators.

## RESULTS

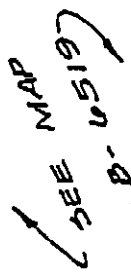
Based on this reconnaissance and review of the NWI, no wetlands are present on the study site. Vegetation in the eastern portion of the property is dominated by Himalayan blackberry (*Rubus discolor* - FACU-) (definitions of indicator status, such as "FACU-", are found in Appendix B) while the western portion is dominated by twin-berry (*Lonicera involucrata* - FAC). Other species present include Sitka spruce (*Picea sitchensis* - FAC), blue elderberry (*Sambucus cerulea* - FAC-), swordfern (*Polystichum munitum* - FACU), bracken fern (*Pteridium aquilinum* - FACU), pig-a-back (*Tolmia menziesii* - FAC), and seawatch (*Angelica lucida* - FAC). In spite of the fact that many of the species present at the site are hydrophytic (wetness adapted), neither the soils nor the hydrologic indicators support the designation of the site as containing wetlands. One small area (approximately 6 feet by 2 feet) had an understory dominated by slough sedge (*Carex obnupta* - OBL). The soil at this location, however, as well as the soil elsewhere on the property, had high chromas (10YR 3/3 and 10 YR 4/3), which are typical of non-wetland soils. No oxidized rhizospheres were observed in the soil in the vicinity of the small slough sedge patch. The soil type is mapped as being of the Walluski series, which are very deep (greater than 60 inches) non-hydric silt loams. No direct or indirect hydrology indicators, such as standing water or high water marks, were observed at the site and no free water was encountered by the soil auger. The soil and hydrology indicators confirm that no wetlands are present at the site.

APPENDIX A

APPENDIX B



62	04
02	61

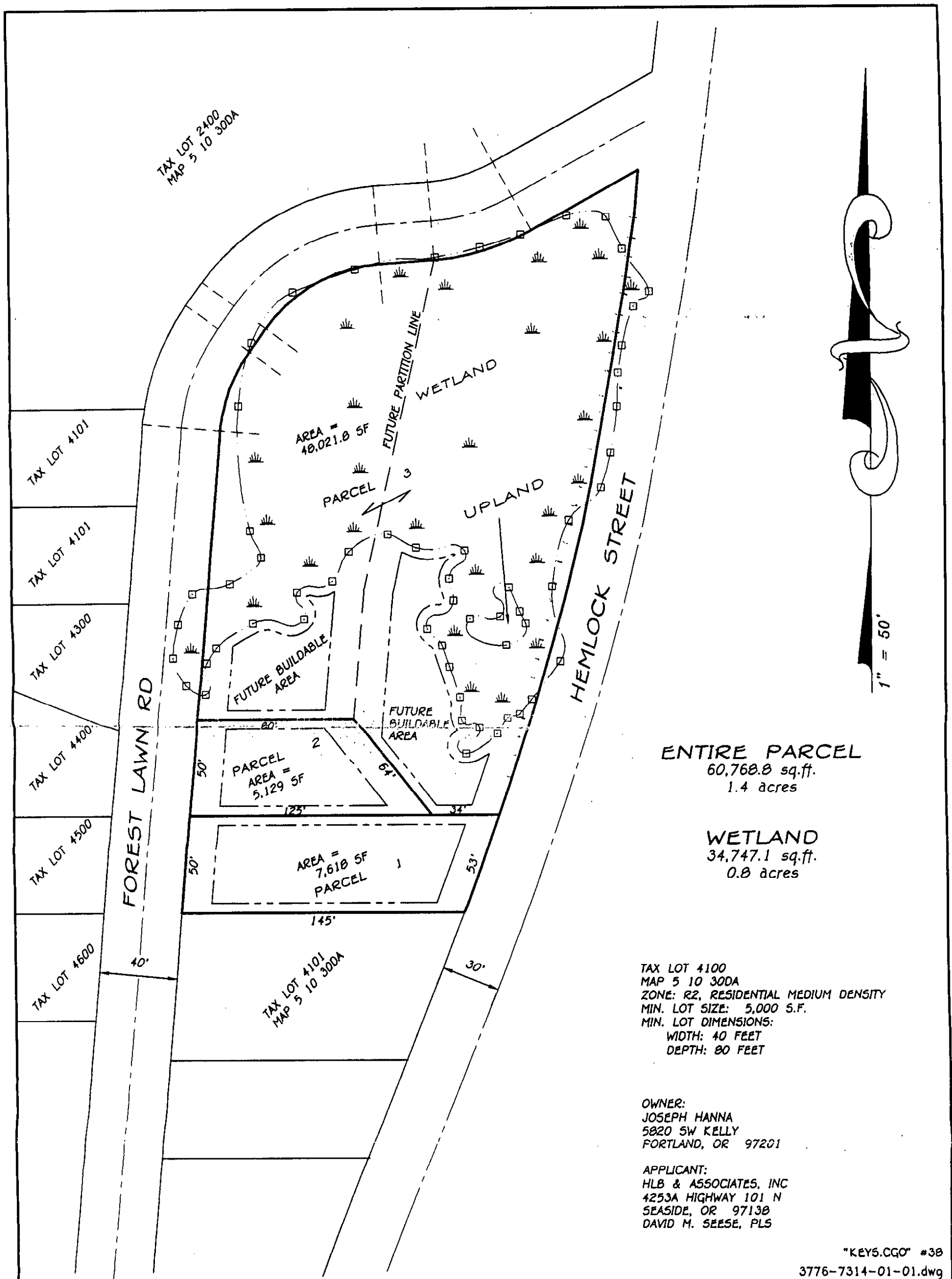




**TABLE 1 DEFINITIONS OF INDICATOR STATUS**

Indicator Symbol	Definition
OBL	Obligate. Species that occur almost always (estimated probability >99%) in wetlands under natural conditions.
FACW	Facultative wetland. Species that usually occur in wetlands (estimated probability 67 to 99%), but occasionally are found in nonwetlands.
FAC	Facultative. Species that are equally likely to occur in wetlands or nonwetlands (estimated probability 34 to 66%).
FACU	Facultative upland. Species that usually occur in nonwetlands (estimated probability 67 to 99%), but occasionally are found in wetlands.
UPL	Upland. Species that occur almost always in nonwetlands under normal conditions (estimated probability >99%).
NI	No indicator. Species for which insufficient information was available to determine an indicator status.

Sources: Federal Interagency Committee for Wetland Delineation, 1989.  
Reed, 1988.



PRELIMINARY PARTITION MAP FOR:

**JOEY HANNA**

TAX LOT 4100  
MAP 5 10 30DA

SE1/4 SECTION 30, T5N, R10W, W.M.  
CLATSOP COUNTY, OR

SURVEY BY:

**HLB & Associates**  
INCORPORATED  
Surveying • Engineering • Planning

TILLAMOOK COUNTY  
160 LANEDA AVE.  
MANZANITA, OR 97130  
(503) 368-5394  
FAX: (503) 368-5847

CLATSOP COUNTY  
4253A HWY 101 N.  
GEARHART, OR 97138  
(503) 738-3425  
FAX: (503) 738-7455

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

*David M. Seese*  
OREGON  
July 10, 1996  
2762  
DAVID M. SEESE  
RENEWAL DATE: JULY 1, 2000

DATE Nov. 30, 1999	JOB NO. 7314-3776	EQUIPMENT n.d.	FIELD n.d.	DRAWN DMS	CHECKED DNB
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2400  
2.39 Ac

(24)

10-08

GOVT LOT 3  
30.75

COAST

E

LAWN RD.

4100  
1.86 Ac

Wetland

Approximate  
upland/wetland  
boundary

upland

OREGON

7000  
7100  
Culvert  
13 110.0

8900

13 9000

9100  
136.50  
(52.0 M/L)

ROSS

11500  
11400

11600

See

EIV. Line 5.7

4201  
0.66 Ac.

4301  
0.07 Ac.

4401  
0.65 Ac.

Parcel 1  
4200  
0.28 Ac

4300  
0.10 Ac

4400  
0.17 Ac.

4501  
0.32 Ac.

4500  
0.14 Ac.

4601  
0.35 Ac.

4600  
0.15 Ac.

4701  
0.32 Ac.

4700  
0.14 Ac.

(POPLAR ST.) FOREST

EAST 145.27'

4101  
0.23 Ac.

EAST 122.00'

4103  
0.13 Ac.

WEST 106.1'

4102  
0.17 Ac.

WEST 81.97'

HEMLOCK

(OLD

CITY

LIMITS

ZONE LINE AS SET  
ON OREGON STREET



KEY TITLE COMPANY

THIS COPY OF ASSESSOR'S MAP IS  
PROVIDED SOLELY TO ASSIST IN LO-  
CATING SUBJECT PROPERTY. NO  
LIABILITY IS ASSUMED BY KEY F  
DISCREPANCIES IN THIS MAP AS OUT-  
LINED AND THE ACCOMPANYING  
LEGAL DESCRIPTION.