

Oregon

DEPARTMENT OF ENVIRONMENTAL QUALITY
North Coast Branch Office
17 North Highway 101
Warrenton, OR 97146
Phone (503) 861-3280

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

Date: April 6, 1994

Cannon Beach Resorts, Inc.
P.O. Box 219
Cannon Beach, OR 97110

Re: Site Evaluation Denial for On-Site Sewage Disposal
T5N, R10W, Section 29BD, Tax Lot 100, Clatsop County,
25.37 Acres.

Dear Mr. Logan:

Department personnel conducted an evaluation of the above described property for a single family residential building site in the area you proposed for on-site sewage disposal. Based upon the results of this study, neither standard or alternative methods of on-site sewage disposal appear feasible. The conditions on the site do not meet current minimum requirements of the State regulations governing on-site sewage disposal, Oregon Administrative Rules (OAR) Chapter 340, Division 71, Sections 100 through 600, including Tables 1 through 8. As a result your application request must be denied.

The principle reason(s) for the denial of this property are related to shallow effective soil depth, high water tables, topography. The following paragraphs outline the findings in comparison to rule requirements.

SHALLOW EFFECTIVE SOIL DEPTH

The soil conditions at the proposed site are described as follows:

the apparent textural class is silty clay to clay mixed with shale.

the effective soil depth ranges between 15 and 22 inches of the ground surface,



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These conditions do not meet the following requirement for standard on-site sewage disposal:

an area where the effective soil depth is less than 30 inches below the ground surface. OAR 340-71-220(2)(a).

WATER TABLES

The water table conditions on the proposed site are described as follows:

the temporarily perched groundwater table level was observed to range between 37 and 45 inches of the ground surface. The depth to prominent soil mottles of chromas less than 2, which are indicative of the natural winter and/or spring temporarily perched groundwater level ranges between 10 and 15 inches of the ground surface.

These conditions do not meet the following requirement for standard on-site sewage disposal:

a temporarily perched groundwater table is less than 24 inches of the ground surface for a standard system OAR 340-71-220(2)(b)(A) and not less than 12 inches for an alternative sand filter system OAR 340-71-290(3)(a)(A).

TOPOGRAPHY

The site conditions are described as follows:

the soil conditions have been modified and filled in such a manner as to adversely affect the proper operation of an on-site sewage disposal system.

These conditions do not meet the following requirements for standard and alternative on-site sewage disposal:

no system may be installed in areas of disturbed or unstable soil conditions, where such a condition would adversely affect the disposal system as per OAR 340-71-220(2)(e).

This site may be eligible for a variance through the Department's On-Site Sewage Disposal Program. The variance procedure allows for consideration where strict compliance with a rule or rules is inappropriate for cause or where special physical conditions render strict compliance unreasonable, burdensome or impractical. The burden of proof rests with the variance applicant. In this regard, many seek professional assistance. More information can be obtained by contacting this office.

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If you have any questions regarding this report, please feel welcome to contact our office at (503) 861-3280. If after discussing this matter with us, you feel an error has been made or if you desire a review of the findings and determination, you may request an evaluation by the Department's Northwest Region. Such a review requires an application and fee of \$200.00. A report review request should be made to the Department of Environmental Quality, Northwest Region, 2020 SW 4th Avenue, Suite 400, Portland, OR 97201, telephone (503) 229-5552.

Sincerely,

Dewey Darold
Dewey W. Darold, R.S.
Environmental Specialist
Northwest Region
Water Quality

cc: Northwest Region, DEQ
Ron Logan

Enclosure

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N
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Cannon Beach Resorts, Inc

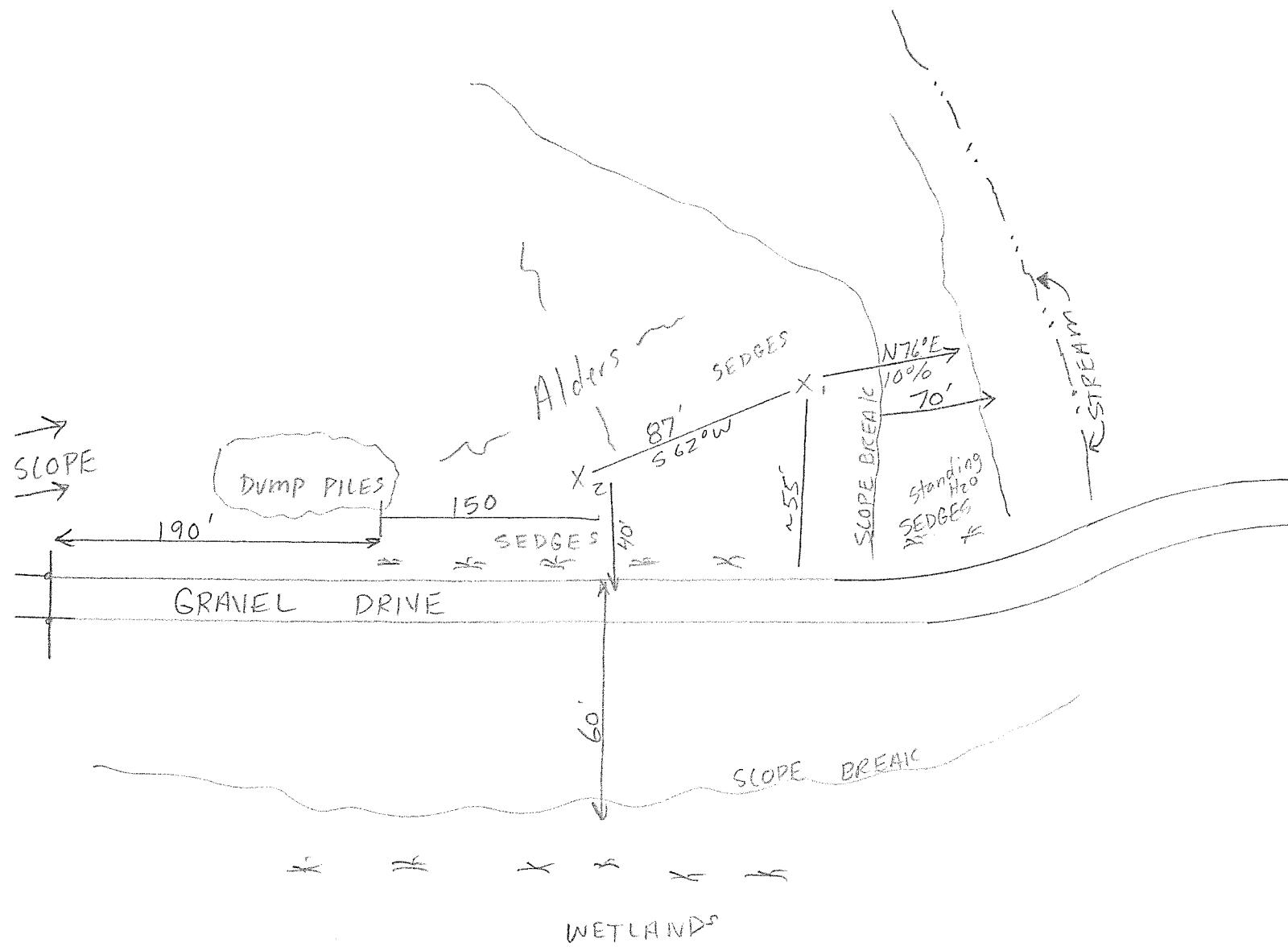
510-29 BD-100

25.37 Acres

Dewey Darold

4-1-94

S.E.
(NTS)



SITE EVALUATION FIELD WORKSHEET

Tax Reference 510-29 BD-100

Evaluator Dewey Darold

Applicant Cannon Beach Resorts, Inc. Date 4-1-94

Parcel Size 25.37 Acres

Depth Texture

Soil Matrix Color and Mottling (Notation), % Coarse Fragments, Roots, Structure, Layer Limiting Effective Soil Depth, etc.

Pit 1	0-4"	Sil	10YR 3/2 dk. grayish brown loose	
	4"-15"	Sil	Siltstone fragments soils filled modified	22" ESD
	15"-45"	C	10YR 5/1 w/ 7.5 YR 3/4 mottles, massive	31" fill line
	45"		H ₂ O	

Pit 2	0-2"	N/A	0" horizon 10YR 2/1	
	2"-10"	Sil	10YR 5/1 mixed gray clay	
	10"-15"	C	Shale / massive gray clay, very dense. 10YR 5/1 gray	
	15"-37"	C	Same ESD	
	37"	N/A	H ₂ O	

Pit				

Pit				

Landscape Notes Filled Site

Slope 0-10% Aspect NE Groundwater Type Temporary

Other Site Notes Ron Logan + another person on-site

SYSTEM SPECIFICATIONS

Type System: Design Flow _____ gpd Disposal Field Size _____ Linear Feet

Initial _____ System Sizing _____ /150 g. Max. Depth Absorption Facility (in) _____

Replacement _____ System Sizing _____ /150 g. Max. Depth Absorption Facility (in) _____

Special Conditions _____

30	29	11	(1330.72)	<N 45° 19'
31	32		(N 89° 59' 59")	<N 40° 19'
30	29	11	2661.58)	<N 02° 10'

51/4 CORNER	51/4 CORNER
(1330.86)	(1330.86)
2661.58)	2661.58)

ELK CREEK HOMES	ELK CREEK HOMES
ELK LAND DRIVE	ELK LAND DRIVE
ELK LAND VILLAGE	ELK LAND VILLAGE
HIGHWAY	HIGHWAY

CN 1/4 CORNER
ELK CREEK

PARCEL 1

<5 89° 09' 24" W 1621.67>

20.00 ACRES

PROPOSED
HOMESITE

REC.
FILL

CULVERT

HASKELL LANE
<5 87° 41' 46" E 549.69'>
(5 87° 48' 02" E 551.41') 2

296.30
14.00.24

APPROX. LOCATION OF
CANNON BEACH CITY LIMITS
(BASED UPON CLATSOP CO
ASSESSOR MAP)

174 FT.
(WET)

PARCEL 2
20.00 ACRES

5.65' 50"

14.00.24

14.00.24

14.00.24

14.00.24

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PORTION OF PARTITION PLAT 1993-032
modified to show fill, etc., on
Parcel #1. Locations approximate.

P. See 2/2/94 #19014

LEGACY DESCRIPTION
(1335.90')

1

<5 88° 27' 37" W

1

CN 1/4 CORNER

1

1

1

1

1

1

1

1

1

1

1

1

1

1

CJ
CC
PARTITION SURVEY 1



STATE OF OREGON

INTEROFFICE MEMO

DEPT.

TELEPHONE

TO: Dewey Darold

DATE: 3-24-94

FROM: Dave Johns

SUBJECT: Cannon Beach Resorts, Inc. File (510-29BD-100-200-400-8100)

1. Spoke with Susan at Assessor's Office in Astoria. This tax lot is in the process of being combined into tax lot 100 only. Hope to have a map within the next month.

Dave
Dave

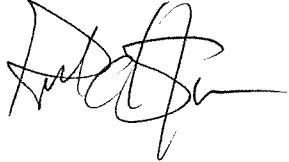
7 March, 1994

Department of Environmental Quality
North Coast Office
17 North Highway 101
Warrenton, OR 97146

To whom it may concern,

Please contact me at (503) 436-1197, Monday through Friday, 8:00 am to 5:00 pm, if you would like me to take you to the site referred to in this application. It is not easy to find.

Thank you,



Ron Logan
P.O. Box 153
Cannon Beach, OR 97110

