# MINUTE ITEM CO5

W 22081

Judy Ludlow

# APPROVE A RECREATIONAL PIER PERMIT

Calendar Item CO5, attached, was pulled from the agenda prior to the meeting.

Attachment: Calendar Item CO5

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CALENDAR PAGE 1063

#### CALENDAR ITEM

A 7

C 0 5

06/30/92 W 22081 J. Ludlow

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#### APPROVE A RECREATIONAL PIER PERMIT

#### APPLICANTS:

Donald A. Wells, Donald A. Wells, Jr.,
Debbie Baker, Kathy La Londe, and
William G. Robinson
303 Twin Dolphin Drive, Suite 122
Redwood City, California 94065

# AREA, TYPE LAND AND LOCATION:

A parcel of submerged land located in Lake Tahoe at Moana Beach, Placer County.

#### LAND USE:

Retention of an existing pier and two mooring buoys.

#### TERMS OF PROPOSED PERMIT:

Initial period:

Five (5) years beginning June 30, 1992.

#### CONSTDERATION:

Rent-free pursuant to Section 6503.5 of the P.R.C.

#### BASIS FOR CONSIDERATION:

Pursuant to 2 Cal. Code Regs. 2003

#### APPLICANT STATUS:

Applicant is owner of the upland.

# PREREQUISITE CONDITIONS, FEES AND EXPENSES:

Filing and processing fees, environmental fee and Fish and Game fee have been received.

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# CALENDAR ITEM NO.C 0 5 (CONT'D)

#### STATUTORY AND OTHER REFERENCES:

- A. P.R.C.: Div. 6, Parts 1 and 2: Div. 13.
- B. Cal Code Regs.: Title 2, Div. 3: Title 14, Div. 6.

#### AB 884:

11/08/92

#### OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15025), the staff has prepared a Proposed Negative Declaration identified as EIR ND 583, State Clearinghouse No. 92032061. Such Proposed Negative Declaration was prepared and circulated for public review pursuant to the provisions of CEQA.

Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment. (14 Cal. Code Regs. 15074[b]).

- 2. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.
- The Applicant proposes to retain an existing pier and two mooring buoys, all of which are previously unauthorized.
- 4. The permit includes special language in which the permittee agrees to protect and replace or restore, if required, the habitat of Rorippa subumbellata, commonly called the Tahoe Yellow Cress, a State-listed endangered plant species.

# CALENDAR ITEM NO.C 0 5 (CONT'D)

- 5. Applicant has agreed to participate in the Interim Rorippa Management Program.
- 6. Pursuant to a comment from the Department of Fish and Game, the buoys and anchoring chains will be annually detached from the anchor from Labor Day through Memorial Day to allow unrestricted angling.
- 7. Permittee agrees to provide written evidence that the buoys are authorized by the Tahoe Regional Planning Agency by June 30, 1994.
- 8. This property was physically inspected by staff for purposes of evaluating the impact of the proposed activity on the public trust.
- 9. If any structure hereby authorized is found to be in nonconformance with the Tahoe Regional Planning Agency's Shorezone ordinance, and if any alterations, repairs, or removal required pursuant to said ordinance are not accomplished within the designated time period, then this permit is automatically terminated, effective upon notice by the State, and the site shall be cleared pursuant to the terms thereof. If the location, size, or number of any structure hereby authorized is to be altered, pursuant to order of the Tahoe Regional Planning Agency, permittee shall request the consent of the State to make such alteration.
- 10. The Applicant has been notified that the public has a right to pass along the shoreline and the permittee must provide a reasonable means for public passage along the shorezone area occupied by the permitted structure.

#### APPROVALS OBTAINED:

<u>Pier</u>: Tahoe Regional Planning Agency, United States Army Corps of Engineers, and Placer County Letter of Approval.

Buoy: Placer County Letter of Approval

# CALENDAR ITEM NO.C 0 5 (CONT'D)

#### FURTHER APPROVALS REQUIRED:

Buoy: Tahoe Regional Planning Agency and State Lands

Commission

Pier: State Lands Commission

#### EXHIBITS:

A: Land Description

B: Location Map

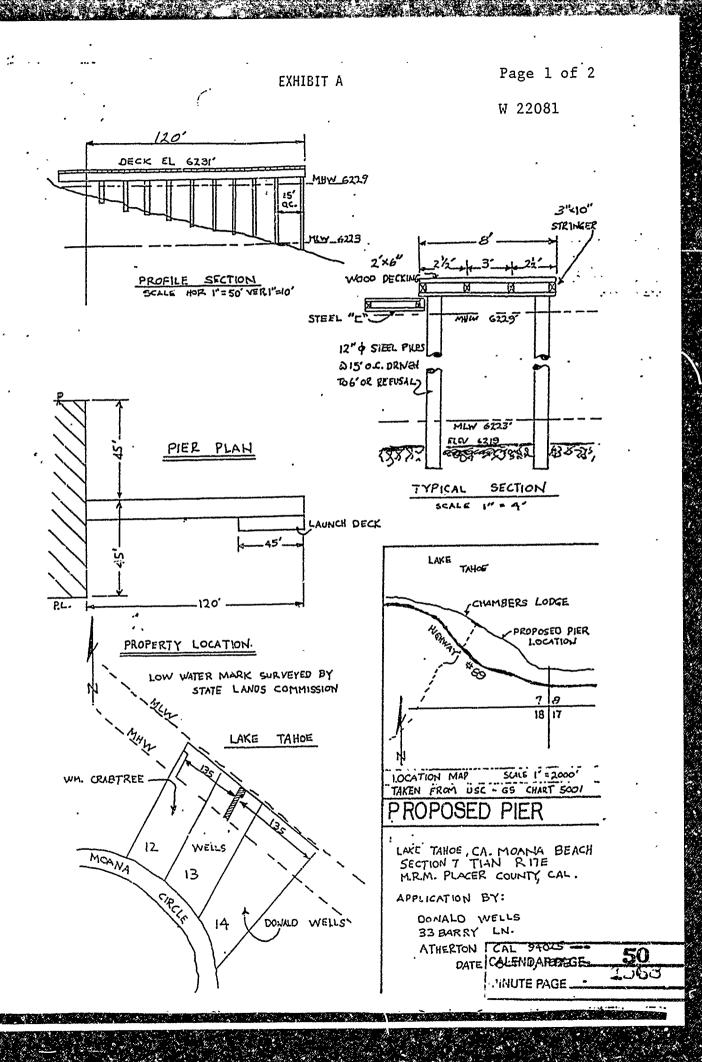
C: Negative Declaration

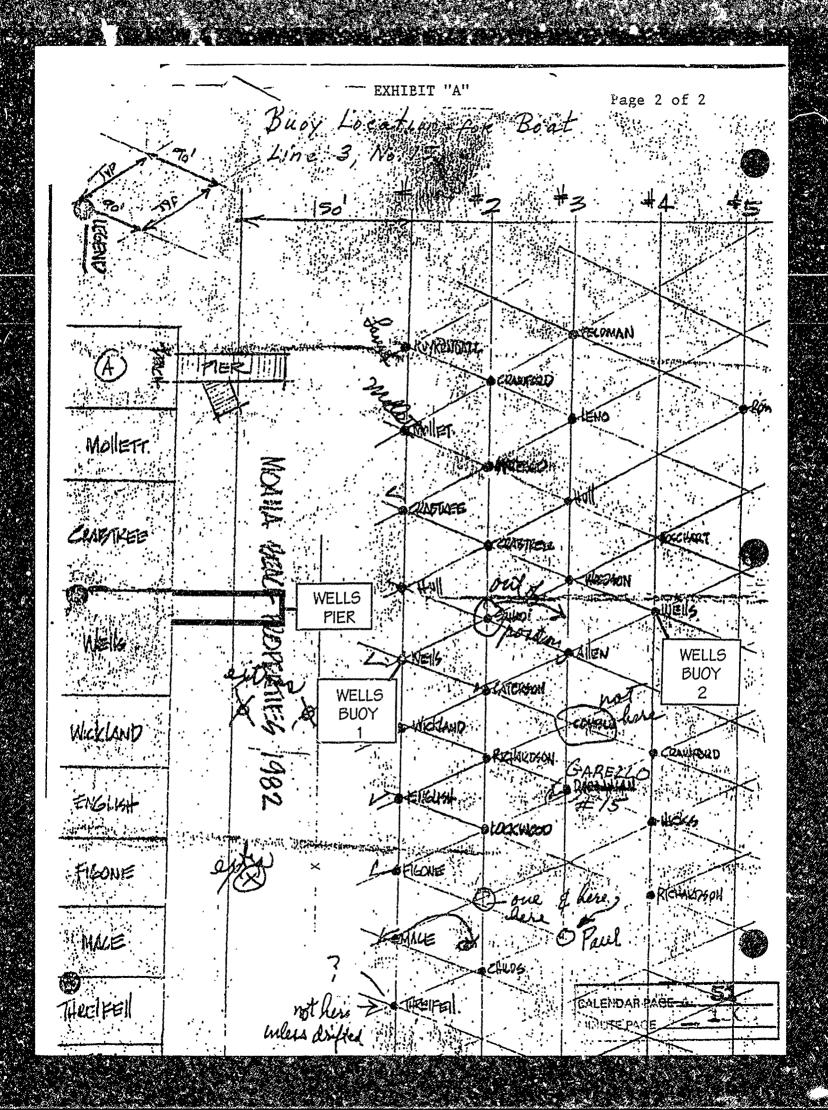
D: Placer Courty Letter of Approval

#### IT IS RECOMMENDED THAT THE COMMISSION:

- 1. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.
- 2. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 583, STATE CLEARING HOUSE NO. 92032061, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
- 3. ADOPT THE NEGATIVE DECLARATION AND DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
- 4. AUTHORIZE ISSUANCE TO DONALD A. WELLS, DONALD A. WELLS, JR., DEBBIE BAKER, KATHY LA LONDE, AND WILLIAM G. ROBINSON OF A FIVE-YEAR RECREATIONAL PIER PERMIT, BEGINNING JUNE 30, 1992, FOR THE RETENTION, USE AND MAINTENANCE OF AN EXISTING PIER AND TWO MOORING BUOYS ON THE LAND DESCRIBED ON EXHIBIT "A" ATTACHED, AND BY REFERENCE MADE A PART HEREOF.

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Tahoe Vista Agate Bay Carnelian Bay Lake Forest T 16 N Tahoe City L A K ER 17 E R 16 E Sunnyside Tance Pines T A H OT 15 N Homewood Tahoma R 16E Meeks Bay EXHIBIT "B" W 22081 Rubicon Bay T 14 N Emerald Bay T 13 N T 12 N South Lake Tahoc T 13 N

EXHIBIT C

S1 ATE OF CALIFORNIA

PETE WILSON, Governor

# STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor GRAY DAVIS, Controller THOMAS W. HAYES, Director of Finance EXECUTIVE OFFICE 1807 - 13th Street Sacramento, CA 95 CHARLES WARREN

**Executive Officer** 

March 19, 1992

File: W 22081 ND 583

# NOTICE OF PUBLIC REVIEW OF A PROPOSED NEGATIVE DECLARATION (SECTION 15073 CCR)

A Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission Regulations (Section 2901 et seq., Title 2, California Code Regulations) for a project currently being processed by the staff of the State Lands Commission.

The document is attached for your review. Comments should be addressed to the State Lands Commission office shown above with attention to the undersigned. All comments must be received by April 19, 1992.

Should you have any questions or need additional information, please call the undersigned at (916) 323-2694.

Jane smith

Division of Environmental Planning and Management

Attachment

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PETE WILSON, Governor

# STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor GRAY DAVIS, Controller THOMAS W. HAYES, Director of Finance EXECUTIVE OFFICE 1807 - 13th Street Sacramento, CA 95814

CHARLES WARREN Executive Officer

#### PROPOSED NEGATIVE DECLARATION

File: W 22081

ND 583

SCH No. 92032061

Project Title:

Wells Pier and Buoys Authorization

Proponent:

Donald O. Wells, Jr.

Project Location:

Lake Tahoe, near Homewood, APN 98-101-28, 48 Moana

Circle, Placer County

Project Description:

This project involves authorization of an existing single-use pier, constructed in 1980, and two existing buoys. The existing 130' pier was constructed with 12" diameter steel piles, with a 3' x 45' launch deck at the waterward end of the pier. The two existing mooring buoys are located approximately 125' and 350'

from the end of the pier.

Contact Person:

Jane Smith

Telephone: 916/323-2694

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Code Regulations).

Based upon the attached Initial Study, it has been found that:

/\_/ this project will not have a significant effect on the environment.

/X/ mitigation measures included in the project will avoid potentially significant effects.

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STATE LANDS COMMISSION

# ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II File Ref .: W 22081 Form 13.20 (7/82) I. BACKGROUND INFORMATION A. Applicant: Mr. Donald Wells, Jr. Wells Properties 400 Oyster Point Blvd., Suite 418 South. San Francisco CA 94080 B. Checklist Date: \_\_ 03 / 16 / 92 C. Contact Person: Jane Smith Telephone: ( 916 ) 323-2694 D. Purpose: To consider authorization of existing pier and two existing buoys. E. Location: 48 Moana Circle, near Homewood, Lake Tahoe, APN 98-191-28. F. Description: Consider authorization of existing pier (single-use) constructed with 12 inch diameter steel piles, approximately 130 feet from high water. An eight foot wide deck sits atop the pier, with a 3 foot x 45 foot launch deck at the waterward end of the pier. Also consider authorization of two existing mooring buoys, located approximately 125 feet and 350 feet from the end of the pier. G. Persons Contacted: Kevin Roukey U.S. Army Corps of Engineers 1325 J Street, Suite 144A Sacramento CA 95814-2922 Jim Hamilton Tahoe Regional Planning Agency P.O. Box 1038 Zephyr Cove NV 89448-1038 II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers) Yes Maybe No A Larth. Will the proposal result in: 2 Disjuptions, displacements, compaction, or overcovering of the soil?...... 5 Any increase in wind or water erosion of soils, either on or off the site?..... 6 Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the ci annel of a river or stream or the bed of the ocean or any bay, inlet, or lake CALENDAR PAGE. 7 Exposure of all people or property to geologic hazards such as earthquakes, landslides, muds 1055 ACC failure, & similar hazards?....

	R	Iv. Will the proposal result in:	Yes	Maybe	No
•	В	Substantial air emmissions or deterioration of ambient air quality?			ΧŢ
		2. The creation of objectionable odors?			<u>[]</u>
		3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?			X
		Water. Will the proposal result in:		•	
	C.	1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?		· 7	<b>X</b> }
		2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?			X_
		3. Alterations to the course or flow of flood waters?	,		<b>X</b>
		4. Change in the amount of surface water in any water body?	, —		X
		5. Discharge into surface waters or in any alteration of surface water quality, including but not limited to			
		temperature, dissolved cxygen or turbidity?			X
		6. Alteration of the direct on or rate of flow of ground waters?			X
		7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	ليا		Σ
		8. Substantial reduction in the amount of water otherwise available for public water supplies?			[X!
		9. Exposure of people or property to water-related hazards such as flooding or tidal waves?		Li	[X;
		10. Significant changes in the temperature, flow or chemical content of surface thermal springs?	LJ	<u>.</u> .	ĺχ; -
	D.	Plant Life. Will the proposal result in:			
		1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?			[ <u>X]</u>
		2. Reduction of the numbers of any unique, rare or endangered species of plants?		<u>[]</u>	[X]
)		3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?			X
		4. Reduction in acreage of any agricultural crop?	Ш	LJ	[x]
	E	tnimal Life Will the proposal result in:			
		1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?	닏		[X]
		2 Reduction of the numbers of any unique, rare or endangered species of animals?	نا	L.	<u>'X</u> .
		3 Introduction of new species of animals into an area, or result in a barrier to the migration or movement of inimals?	1_]		<u>[X]</u> ινη
		4. Deterioration to existing fish or wildlife habitat?	لسأ	نـا	X
	r	Name. Will the proposal result in.	ئے،	ر— <u>ا</u>	rų i
		1 Increase in existing noise levels?		ر با ا	ιση (Δ)
		2. Exposure of people to severe noise levels?		لـا	X
	G.	Light and Glure. Will the proposal result in:	$\overline{}$	<u></u> j	יסיו
		1 The production of new light or glare?	L	٤٦	[ <u>X</u> ]
	Н	Land Use: Will the proposal result in.		1-3	, נייניי
		1 A substantial alteration of the present or planned land use of an area?		لـا	X
	ı	Natural Resources. Will the proposal result in	Ċ		ιΔ., <sup>‡</sup>
À		1 Increase in the rate of use of any natural resources?		<u>[]</u>	( <u>)</u>
•		2 Substantial depletion of any nonrenewable resources?	1_1	الما	X
		CALENDAR PAGE		<b>5</b> f	<u>;                                    </u>
		MINUTE PAGE		3-	77.12
		2 - 1978Q12 PAGE	سمئي	*****	STREET,

J	. Risk of Upset. Does the proposal result in:		
	1. A risk of an explosion or the release of hazardous substances (including, but not lime chemicals, or radiation) in the event of an accident or upset conditions?	Yes Maybe Nated to, oil, pesticides,	lo Ti
	2. Possible interference with emergency response plan or an emergency evacuation plan?		Χİ
K	. Population. Will the proposal result in:		
	1 The alteration, distribution, density, or growth rate of the human population of the are	ea?	ď
Ł	. Housing. Will the proposal result in:		<u>-1</u> 1
	1. Affecting existing housing, or create a demand for additional housing?	ПП	ζĮ
М	. Transportation/Circulation. Will the proposal result in:		۷
	1. Generation of substantial additional vehicular movement?	T C px	n
	2. Affecting existing parking facilities, or create a demand for new parking?		
	3. Substantial impact upon existing transportation systems?		. <i>.</i>
	.4. Alterations to present patterns of circulation or movement of people and/or goods?		-
	5. Alterations to waterborne, rail, or air traffic?		_
	6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?		_
N	Public Services. Will the proposal have an effect upon, or result in a need for new or a services in any of the following areas:		-
	1. Fire protection?	🗆 🗆 🗆	ì
	2. Police protection?	<del></del>	:
	3. Schools?		Ì
	4. Parks and other recreational facilities?		
	5. Maintenance of public facilities, including roads?	المناه ال	!
	6. Other governmental services?	فيبيد ببيسا لمسسا	
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	1. Use of substantial amounts of fuel or energy?	n n x:	
	2 Substantial increase in demand upon existing sources of energy, or require the developmen		
Р	Utilities Will the proposal result in a need for new systems, or substantial alterations to the		
	1. Power or natural gas?		
	2. Communication systems?	n n k.	
	3. Water?		
	4. Sewer or septic tanks?		
	5. Storm water drainage?	<del></del>	
	6. Solid waste and disposal?		
Q.	Human Health. Will the proposal result in:	ليا ليا ليا	
	1 Creation of any health hazard or potential health hazard (excluding mental health)?	X	
	2 Exposure of people to potential health hazards?		
R	lesthenes. Will the proposal result in	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	1 The obstruction of any scenic vista or view open to the public, or will the proposal result an aesthetically offensive site open to public view?	t in the creation of	)
S.	Recreation. Will the proposal result in:		
	1 An impact upon the quality or quantity of existing recreational opportunities?	CALENDAR PAGE X	-
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				Yes Maybe No
	7		Cultural Resources.	[_] [_, i (A
			1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?	□ Li LX.
		2	2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?	
		3	3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?	
		4	4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐ [ X;
	ı		Mandatory Findings of Significance.	
	,	1.	<ol> <li>Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?</li> </ol>	·, ·
		2.	2. Does the project have the potential to achieve short term, to the disadvantage of long-term, environmental goals?	
		2	goals?	
			4. Does the project have environmental effects which will cause substantial adverse effects on human beings,	
			either directly or indirectly?	
11	11. L	DISC	CUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)	
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			<u>:</u>	
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	١,٠	ne:	MAINIADV DETEDRAISIATION	•
į			LIMINARY DETERMINATION  he basis of this initial evaluation:	
	Į		he basis of this initial evaluation:  I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DEC be prepared.	LARATION will
	ŗ	[X] .	I find that although the proposed project could have a significant effect on the environment, there will not be a	significant effect
		11	in this case because the mitigation measures described on an attached sheet have been added to the project DECLARATION will be prepared	t A NEGATIVE
	i		I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IN is requied.	MPACT REPORT
			/L ~ /· ·	
	,	Date:	3 , 16 , 92 fane E. Jane	58
		_ <b></b>	For the State Lands Coffin Hatti PAGE	
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#### WELLS PIER AND BUOYS

#### PROJECT DESCRIPTION

The project proposes to consider authorization of both an existing pier, constructed in 1980, and two existing buoys in Lake Tahoe, near Homewood, waterward of the upland address of 48 Moana Circle, Placer County. The existing pier is located on the northern property line between parcels 27 and 28.

The existing pier extends out approximately 130 feet from high water. Approximately 15 feet of the pier extends beyond low water (6223 foot elevation). Pier construction consisted of an 8 feet wide wood deck atop 12 inch diameter steel piles spaced at 15 feet on center. Piles were driven to 6 feet or refusal. At the waterward end of the pier is a 3 foot x 45 foot launch deck. A locked gate fence spans the width of the existing pier. The existing pier is located in an in-fill area, with adjacent piers located approximately 90 feet on either side.

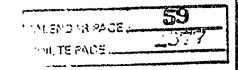
The two existing mooring buoys are located approximately 125 feet and 345 feet waterward of the ordinary low water mark (6223 foot elevation) and, according to the applicant have been in existence since 1972, however, the applicant has not submitted supporting documentation. The buoys are approximately 220 feet apart in distance, the most lakeward and northeasterly buoy being located approximately 375 feet from the shoreline. According to the attached drawings provided by the applicant, the existing buoys are within 75 feet of at least six other buoys, also spaced at 75 foot intervals, with the most waterward of these other buoys extending out approximately 75 feet from the applicant's most lakeward buoy.

# \* DESCRIPTION OF ENVIRONMENTAL SETTING

The applicant's property and site of the existing pier is located on a portion of natural beach shoreline at the west side of Lake Tahoe. The site is part of a private residence, assessor's parcel no. 98-191-28, located on Moana Circle near Chambers Lodge in Placer County.

The beach profile is a very shallow slope and composed of shallow lake bottom sediments. The beach form is three small benches, the last one a higher upland. The residence, landscaping and vegetation are found on the elevated upland portions of the parcel.

The portion of the lake bottom (submerged) below elevation 6223 consists of cobbles and small boulders between six inches and fifteen inches in size. The tirst bench consists of cobble and pebble substrate ranging between three inches and one inch in size. The second bench consists of sand and gravel partially sorted into long bands parallel with the lake shore alignment. The third bench is composed of primarily coarse sand and granules



fairly sorted between a half of an inch and a sixteenth of an inch grain size.

The upland consists of established topsoil and humus which has been landscaped. Pine needles and decaying leaves and branches cover the remainder of the unaltered areas of the parcel.

A small stream, McKinney Creek, is located approximately 300 feet northwest of the pier. The stream flows through a woodland. It passes adjacent to a crib and across a gravelly to sandy substrate before entering Lake Tahoe. Hardwood trees, evergreens, shrubs and grasses are found along this stream course. A population of Rorippa subumbellata has been found on the beach sediment adjacent to McKinney Creek.

No vegetation including <u>Rorippa subumbellata</u> were found at the project site during this survey. The beach area was void of vegetation.

The sand gravel cobble substrate characteristic of this site is similar to other Rorippa subumbellata habitats (Knapp, 1979) (Ferrerira, 1987). This site is considered as potential habitat for the plant.

The existing pier is located in one of the highest density stretches of shoreline at Lake Tahoe. There is 3,150 feet of shoreline in this area. The February 1978 Phillips Brandt Reddick report on The Cumulative Impacts of Shorezone Development at Lake Tahoe identified the project area as having a 1978 density of 4.13 piers per 1000 feet of shoreline, with a future density of 6.03 piers per 1000 feet of shoreline. The shorezone in the area is mapped spawning habitat on the Prime Fish Habitat Maps identified by the Tahoe Regional Planning Agency.

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#### A.1. Earth Conditions

The project involves an existing recreational pier and two buoys. The existing pier was constructed with open steel pilings supporting a wood deck. The buoys are anchored by concrete blocks resting on the lakebed. This construction did not alter or cover any ground features and did not create unstable conditions.

# A.2. Overcovering Soil

The existing pier was constructed with 12" diameter steel pilings for support driven into the lakebed. An eight foot wide wood deck was constructed on pilings, approximately six feet above the lakebed. This open construction did not cover the lake bottom except the space occupied by pilings and the buoy anchors. The buoys are anchored with concrete blocks approximately two feet in diameter resting on the lakebed. The amount of soil coverage which the piles and buoy anchors occupy is considered to be a minor impact.

#### A.3. Topography

The existing pier was constructed using an open construction. The pilings were set with hydraulic pressure to minimize impacts to the lakebed. The structure does not modify the topography of the lakebed. No new shore modification resulted from the pier construction. The mooring buoys were installed with concrete anchor blocks resting on the substrate of the lakebed. This impact was minimal.

#### A.4. Unique Features

The lakebed at the pier site is flat and lacks unique features. The existing pier was designed with open construction to reduce impacts to the lakebed. The pier and buoys do not affect any unique features.

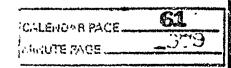
# A.5. Erosion

The pilings were placed directly in the lakebed substrate and the buoy anchors rest on the bottom of the lakebed within the body of the lake. They did not cause any wind or water erosion or significant disturbance to lake bottom profiles.

#### A.6. Siltation/Deposition

The existing pier was constructed using an open construction. Their placement would not have an impact to existing erosion or depositional processes.

#### A.7. Geologic Hazards



The pilings were set directly into the lakebed. The buoy anchors rest on the bottom of the lakebed. The depths of installation were shallow and did not induce seismic instabilities or ground failures. No impacts occurred.

#### B.1. Emissions

The pilings were set using a barge-mounted pile driver. Construction crews arrived by car and truck during construction. Some emissions resulted from operation of the pile driving equipment and vehicles used by commuting workers. This impact was small and temporary, lasting during the construction.

#### B.2. Odors

The construction operations created some odors as engines were operated during the piling installation and from crew vehicles arriving at and leaving the site. This impact was not significant and was temporary; lasting until construction was completed. Use of the pier creates some odors as boats arrive and leave. This impact is seasonal, intermittent, and considered to be minimal.

#### B.3. Air Alterations

The existing pier and buoys are located in the lake. They do not contain fueloperated equipment, nor features which would create impacts which would alter air characteristics in any way.

#### C.1. Currents

The existing pier was constructed using an open piling design and the buoys held by submerged anchor blocks and chains. These structures do not create a significant impact on currents or water movements.

#### C.2. Runoff

The existing pier and buoys were placed within the body of Lake Tahoe. They do not affect surface water drainage patterns, etc.

#### C.3. Flood Waters

The existing pier and buoys were placed within the body of Lake Tahoe. They do not affect flood waters from streamflows.

#### C.4. Surface Water

The existing pier and buoys were placed in the body of Lake Tahoe. The pilings and

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buoys do not affect the surface water volume of Lake Tahoe.

# C.5. Turbidity

The existing pier was constructed in the dry land area so no turbidity resulted from the operations. The buoy blocks rest on the lake bottom. Minor amounts of sediment may be disturbed from boat movements at the pier. These impacts are considered minimal.

#### C.6. Ground Water Flows

The pier pilings and buoy blocks were set at relatively shallow depths. They do not affect ground water flows.

# C.7. Ground Water Quality

The pier and buoy anchor blocks were set at relatively shallow depths and do not serve as water acquisition facilities. They do not affect ground water supplies.

# C.8. Water Supplies

The existing pier and buoys are not intended for water acquisition. They do not affect water supplies.

#### C.9. Flooding

The cumulative volume of the pilings and buoy assemblies will not induce flooding. The structures do not interfere with water movements to induce flooding.

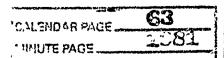
#### C.10. Thermal Springs

There are no thermal springs in the vicinity. The existing pier and buoys do not affect any thermal springs.

## D.1. Plant Species Diversity

The lake bottom at the site consists of small pebbles with an underlie of course sand. The structures furnish a substrate for sessile aquatic plants. The property is approximately 300 feet from McKinney Creek, which is a known location for populations of Rorippa subumbellata, Roll. A soils and vegetation report was prepared on the applicant's property but no specimens of Rorippa subumbellata, Roll. were found. However, the site is conducive to supporting the species.

The applicant has agreed to participate in the Interim Management Program for Rocippa subumbellata, Roll, and will adhere to all conservation and access guidelines,



#### Attachment C.

#### D.2. Endangered Species

A site inspection for <u>Rorippa subumbellata</u>, <u>Roll</u>, was conducted on the dry lakebed. No specimens were found. The applicant has agreed to participate in the Interim Management Program for <u>Rorippa subumbellata</u>, <u>Roll</u>, and will adhere to all conservation and access guidelines, Attachment C. The continued use of this pier, implementing the conservation and access guidelines for <u>Rorippa subumbellata</u>, <u>Roll</u>, would not impose a significant impact to threatened or endangered plant species.

#### D.3. Introduction of Plants

The existing anchor chains and pier pilings afford a hard substrate for sessile aquatic plants. Other piers and buoys are located in the vicinity of the site so no new impact on plant populations is created. No landscaping is proposed in this project.

#### D.4. Agricultural Crops

The existing pier and buoys are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There is no impact.

#### E.1. Animal Species Diversity

The existing pier pilings and buoy anchors affect occess to the lake bottom by burrowing organisms. Fish and benthic organisms are attracted to the pilings and buoy assemblies for grazing and shelter. The impacts are minimal.

#### E.2. Rare Species

The existing pier may serve as shelter and a food source to fish. The two existing mooring buoy anchors cover a small portion of the lake bottom. Each buoy utilizes a concrete anchor block approximately two square feet in size. There is no impact on rare fish species.

#### E.3. New Species

No new animal species are being introduced to the area by this project nor is the existence of the pier or buoy anchors within the boy of the lake posing a barrier to animal migration. No new animal species were introduced as a result of the applicant's pier.

#### E.4. Habitat Deterioration

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The project is located in a designated fish spawning area. However, since the pier and buoys are already in existence, there is minimal impact.

#### F.1. Noise Increases

The construction of the existing pier involved a period of moderate noise levels as the pilings were being set and the pier itself was being constructed. Noise from work crew vehicles arriving and leaving the site occurred at the beginning and end of work days. This activity ended when the project was completed. Some noise will continue to result from seasonal use of the dock for boating access. These occurrences are brief and minimal. No new noise will occur from the continued existence or use of the two existing mooring buoys.

#### F.2. Severe Noise

The construction of the existing pier may have caused perious of extreme noise as pile driving equipment was being used. These episodes were brief, lasting seconds or minutes in duration. Some severe noise may arise from boat use during engine operation. These occurrences will be brief.

#### G.1. Light and Glare

The existing pier was constructed during daylight hours. There are no navigational lights on the existing pier or buoys to create light or glare. No reflections or glare are created from finished surfaces.

#### H.1. Land Use

The existing pier and buoys were installed among existing piers and buoys on either side, so there is no alteration of land use patterns. Adjacent piers are approximately 90 feet to the right and left of the site.

#### I.1. Resource Use

The existing pier and buoys do not increase resource depletion or loss of non-renewable resources. The existing pier and buoys are used only for recreational boating purposes.

#### J.1. Explosion

As the pier and buoys currently exist, there is no risk of explosion of fuel during construction. Recreational boats will use the pier and buoys. Possibility of explosion will be minimal.

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# J.2. Emergency Plans

The pier and buoys do not have an impact upon emergency vessel movements in the area as they are located among other piers and buoys.

#### K.1. Alter Population

The existing pier and buoys do not affect the population density or growth patterns in the area. The pier and buoys are tor private use by the applicant for mooring of a recreational vessel. There are no live-aboard vessels or increases in local population resulting from this project.

# L.1. Housing

The existing pier and mooring buoys are used by the applicant whose property is located at the shoreward end of the pier. A residence exists o the upland. No new housing was constructed in association with the existing pier and buoys.

# M.1. Vehicular Movement

The existing pier and buoys are for the applicant's private use. No new parking facilities were created or required to accommodate the use of these facilities.

#### M.2. Parking

See response to M.1. above.

#### M.3. Transportation Systems

The construction crew accessed the site using existing roadways. The project would have no significant impact to transportation systems.

#### M.4. Circulation

The existing pier and buoys were constructed among several other existing piers and buoys. Adjacent piers and buoys are located on either side. The pier on the north is 135 feet long and is approximately 90 feet from the applicant's pier. The pier on the south is 105 feet long and is approximately 90 feet from the applicant's pier. As there exists a buoy some 90 feet waterward of the applicant's most lakeward buoy, effects on current land or water traffic circulation are negligible.

#### M.5. Traffic

The existing pier and buoys are located among several existing piers and buoys at the

west shore of Lake Tahoe. All of these existing piers and buoys affect boat traffic, driving it waterward to avoid collision with these structures. Waterskiing and fishing must be conducted away from the piers and buoys to avoid injury to skiers or fouling of trolling lines. This impact is not new, but ongoing. According to TRPA, the existing pier is within an established pierhead line.

#### M.6. Hazards

As the pier exists within the shoreline of Lake Tahoe and the existing buoys are located in the body of the lake, they do not pose a hazard to motor vehicles, pedestrians or bicyclists.

#### N.1-6 Public Services

Continued use of the existing pier and buoys would not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services.

#### O.1. Energy Use

The existing pier and buoys did not require use of energy for navigational aids. Fuel and electricity were required during construction. Since construction has been completed, there is no further impact on energy use.

#### O.2. New Energy

The existing pier and buoys require no energy, therefore there is no impact on future energy needs.

#### P.1-6 Utilities

The existing pier and buoys do not create an impact on utilities services including power, water, sewerage and waste or communications. A residence is located on the upland which provides these needs.

# Q.1-2 Health Hazards

The existing pier was constructed with steel pilings, steel and wood framing and wood decking. The buoys used a 2-inch chain attached to concrete anchor blocks and plastic floats. These materials do not pose a health hazard or potential health hazard to humans.

#### R.1. Views

The existing pier is located in one of the highest density stretches of shoreline at

Lake Tahoe. The existing pier and buoys are located among several other piers and buoys. This does not create a new impact upon the present view status, but contributes to an existing condition.

#### S.1. Recreation

The existing pier and buoys do not create a new impact upon recreation in this area as they exist among several other piers and buoys. The structures in this area would continue to have a minor impact on waterskiing, fishing and possibly swimming activities. This pier has been constructed within the limits of the established TRPA pierhead line.

#### T.1-4 Historic Ethnic Sites

The existing pier and buoys are located waterward of the lake shore. There are no known archaeologic or ethnic sites in this location so there is no impact.

#### U.1. Degradation

The existing pier was constructed with steel pilings and steel/wood decking. This structure does create a visual impact which could be considered a degradation. There are several piers in the immediate area so this impact is not new, but ongoing.

#### U.2. Environmental Goals

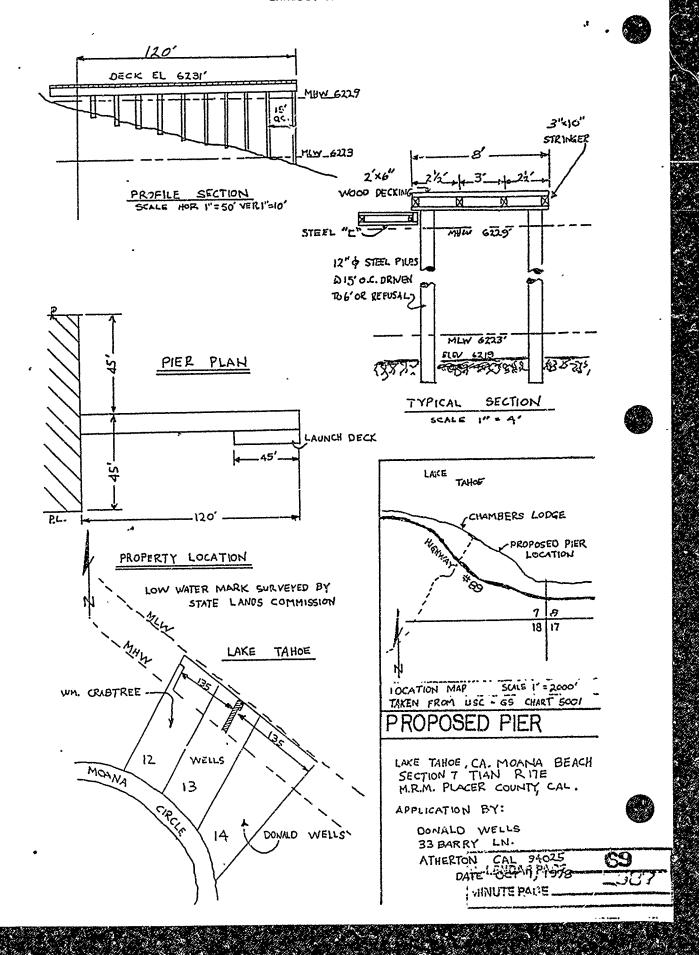
The continued presence of the existing pier among other existing waterward structures does not adversely affect current environmental goals.

#### U.3. Cumulative Impacts

The existing pier and buoys are located among several existing piers. Greater pier densities create a greater negative impact on the public than few or no piers. These structures also create a negative barrier to beach walking. This existing pier does add to the cumulative impact of piers already installed. The project does not create significant impacts on its own merits.

#### U.4. Adverse Impacts

The accumulation of several piers in this area including the applicant's existing pier may contribute to the scenic quality of this segment of shoreline, but the added impact of the applicant's existing pier is negligible. There is no significant adverse impact on humans.



# INTERIM MAMAGEMENT PROGRAM FOR Roripps subumbellata Roll. (TAHOE YELLOW CRESS)

An interim management plan has been developed to eliminate the impacts caused by the construction of piers and appurtenant facilities along the shoreline of Lake Tahoe and to protect Korlppa subumbellata Roll. and its habitat from degradation. This interim plan will function until the final management plan is completed. This interim plan has the following elements: 1) the minimization of the area disturbed due to construction and access to and from the pier; and 2) conservation measures for the species along the shoreline of lake Tahoe. These interim guidelines apply to any pier project which will disturb the Lake Tahoe shoreline between the elevations 6220' and 6232' LTD.

# Construction and Access Guidelines

Construction of new piers, pier extensions, pier replacements, and pier modifications shall be governed by the following guidelines:

- 1) All construction activities shall be conducted from the water side of the pier. The area of disturbance of the lake bottom and shoreline shall be no greater than the footprint of the pier. Construction disturbance caused by the construction vehicle shall be limited to the area where the pier sets or an space of similar size directly adjacent to the pier. In no case shall the space disturbed be greater than that which the pier occupies or will occupy.
- In areas having a cobble or sandy-cobble backshore, the beach and offshore substrate compacted by contact of the substrate with construction equipment shall be rolled to level the depressions created by the tracks of the construction vehicle. Any remaining compacted soils shall be loosened with pronged hand tools to reduce the compaction and then filled with comparable small cobbles taken from the backshore. These cobbles must be taken from the backshore without damaging the habitat or the species.
- 3) No equipment or materials shall be located or stored between elevation 6220' and 6232' LTD.
- 4) No construction activity at the site shall begin or proceed without the presence of the State Lands Commission mitigation monitor on site. The project applicant shall notify the designated mitigation monitor at least 14 days prior to when construction will commence.

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- only one pedestrian path shall be allowed between the upland residence and the pier. Such path shall be bordered by native vegetation similar to willow, service berry, or manzanita. Prior to construction of the pedestrian path, a plan shall be submitted to the State Lands Commission showing the location of the path, the proposed vegetation planting, and the type of vegetation proposed as screening.
- 6) All existing individuals and colonies of Rorippa subumbellata on the project applicant's property shall be fenced to prevent damage during construction.

#### Conservation Guidelines

All applicants for projects which may impact the habitat or potential habitat of Rorippa subumbellata Roll. shall be participate in the final conservation and management program set forth in the Management and Enhancement Plan for Rorippa subumbellata. For these interim guidelines the following shall be provided at the time of application:

The project applicant shall submit a report describing the soils and vegetation on the applicants property. The report shall emphasize the area located between elevations 6232' and 6223' LTD. Such report shall describe the texture and composition of the soil, the slope, and the existing vegetation types and their condition. Such report shall be submitted with a plan view map of the area at a scale of 1":10' and photographs of the mapped area.

#### Other

The project applicant shall be required to provide the State Lands Commission with a letter of credit to insure the compliance with all mitigation measures. The amount of the required letter of credit shall be established at the time of project approval. In the event that the mitigation measures and the conditions are not complied with as determined by the Commission's mitigation monitor, the letter of credit may be forfeited after a hearing before the State Lands Commission. Money forfeited by project applicants shall be used to remedy the impacts of the project and to conserve Rorippa subumbellata.

The project applicant shall also reimburse the State Lands Commission for all costs incurred by the State Lands Commission to monitor and enforce these and other requirements imposed on the project as provided by Section 21080.6 of the California Public Resources Code.

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# EXHIBIT "D"

	Date May 14, 1992
	File Ref: W 22081
180/ 13th	a State Lands Commission
Subject:	Building Permit for Pier Retention of an existing pier and two mooring buoys Name: Donald A. Wells, Jr.
	Address 303 Twin Dolphin Drive, Suite 122  Redwood, City, CA 94065
	Placer County Assessor's Parcel No. 98-101-28 Unland Address: 48 Moana Circle
ear Ms. 1	Ludlow:
rolege rr	of Placer has received notice of the above-referenced Lake Tahoe and has no objection to the pier repair/ton or to the issuance of the State Lands Commission's
f you hav	e any questions, you may reach me at (916) 889-7584
	Sincerely,  Muliotian  JAN CHRISTIAN  Associate Civil Engineer

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