

**MINUTE ITEM**

This Calendar Item No. C07  
was approved as Minute Item  
No. 07 by the State Lands  
Commission by a vote of 3  
to 0 at its 6-30-92  
meeting.

**CALENDAR ITEM**

**C 0 7**

A 7

S 1

06/30/92  
W 24703  
J. Ludlow

**APPROVE ISSUANCE OF A RECREATIONAL PIER PERMIT**

**APPLICANT:**

Laura K. Svendsen  
10561 Maze Boulevard  
Modesto, California 95351

**AREA, TYPE LAND AND LOCATION:**

A parcel of submerged land located in the bed of Lake Tahoe  
in Rubicon Bay near Tahoma, El Dorado County.

**LAND USE:**

Reconstruction, relocation, and 75-foot extension to an  
existing pier, including the addition of a low-level  
boatlift, the retention of one existing mooring buoy, and  
the placement of a second mooring buoy.

**TERMS OF PROPOSED LEASE:**

Initial period:  
Five (5) years beginning June 30, 1992

**CONSIDERATION:**

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

CALENDAR ITEM NO. 007 (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:

09/30/92

**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 595, State Clearinghouse No. 92052133. 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. Pursuant to a comment from the Department of Fish and Game, the buoys and anchoring chains will be annually detached from the anchors from Labor Day through Memorial Day to allow unrestricted angling.
3. 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.
4. The applicant proposes to relocate and reconstruct an existing pier. The reconstruction will include extending the pier an additional 75 feet and the installation of a low level boatlift. In addition, the applicant also wishes authorization for the retention of one existing mooring buoy and the placement of a second mooring buoy.

CALENDAR ITEM NO. C 07 (CONT'D)

5. The existing pier is located landward of elevation 6,223, Lake Tahoe Datum, and does not occupy land under the leasing jurisdiction of the State Lands Commission.
6. The project will be accomplished using a rubber-tired, barge-mounted pile driver and all work will be completed from the water using floating equipment.
7. The lease includes special language in which the lessee 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.
8. Material will be neither stored nor placed, nor will any activity associated with the construction be conducted, above the low water line of the subject property. This procedure will prevent any disturbance to *Rorippa* habitat.
9. This permit would be issued subject to the applicant providing evidence to the State Lands Commission of authorization of the existing buoy by the Tahoe Regional Planning agency by June 30, 1992.
10. Commission staff will monitor the reconstruction of the pier in accordance with the Monitoring Program attached as Exhibit "E".
11. This property was physically inspected by staff for purposes of evaluating the impact of the proposed activity on the public trust.
12. 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.

SEARCHED	INDEXED
SERIALIZED	FILED
JUN 11 1992	
TALAHASSEE	

CALENDAR ITEM NO. 07 (CONT'D)

13. 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:**

Tahoe Regional Planning Agency, Department of Fish and Game, and El Dorado County.

**FURTHER APPROVALS REQUIRED:**

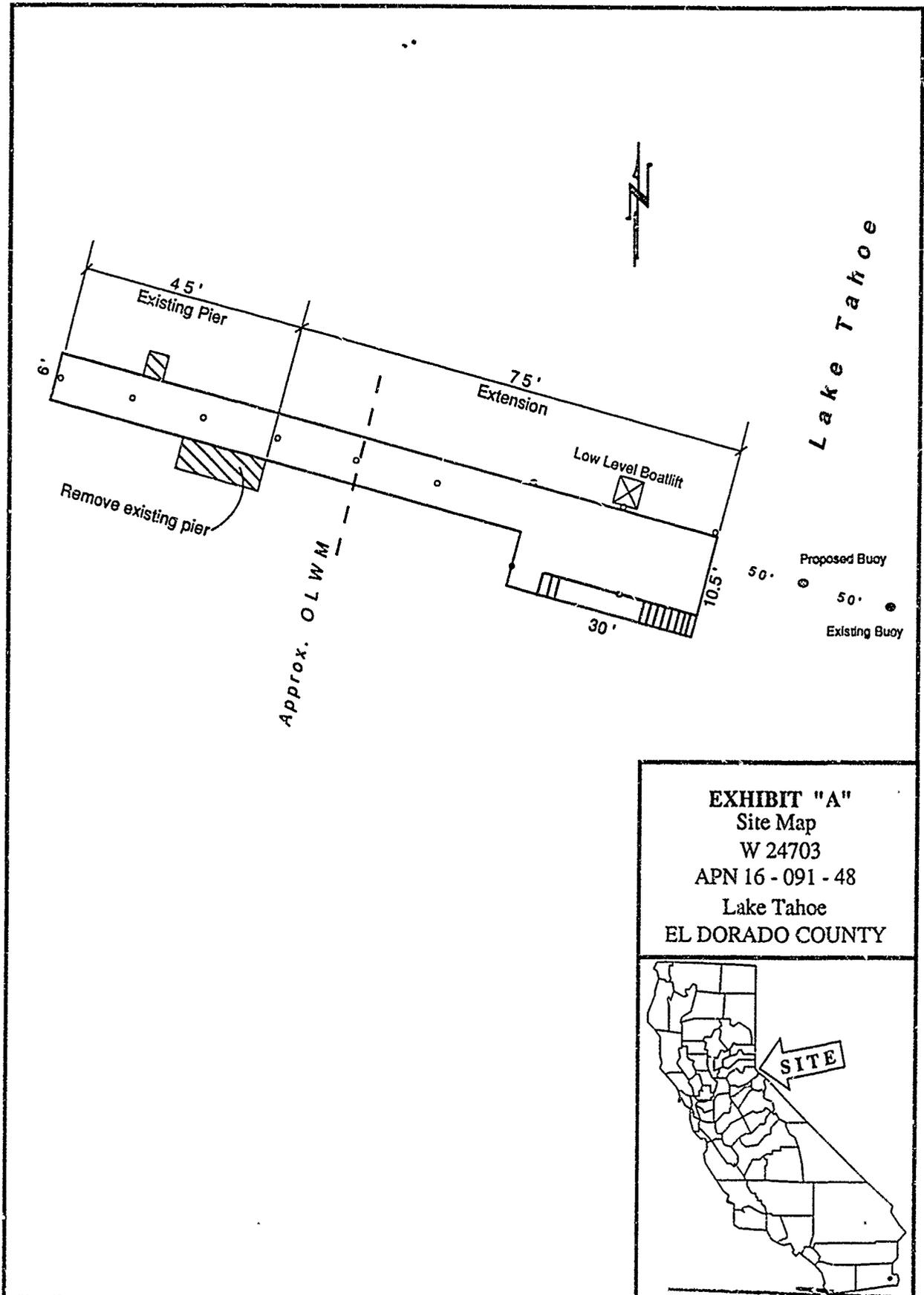
United States Army Corps of Engineers and State Lands Commission.

**EXHIBITS:**

- A. Site Map
- B. Location Map
- C. El Dorado County Letter of Approval
- D. Negative Declaration
- E. Monitoring Program

**IT IS RECOMMENDED THAT THE COMMISSION:**

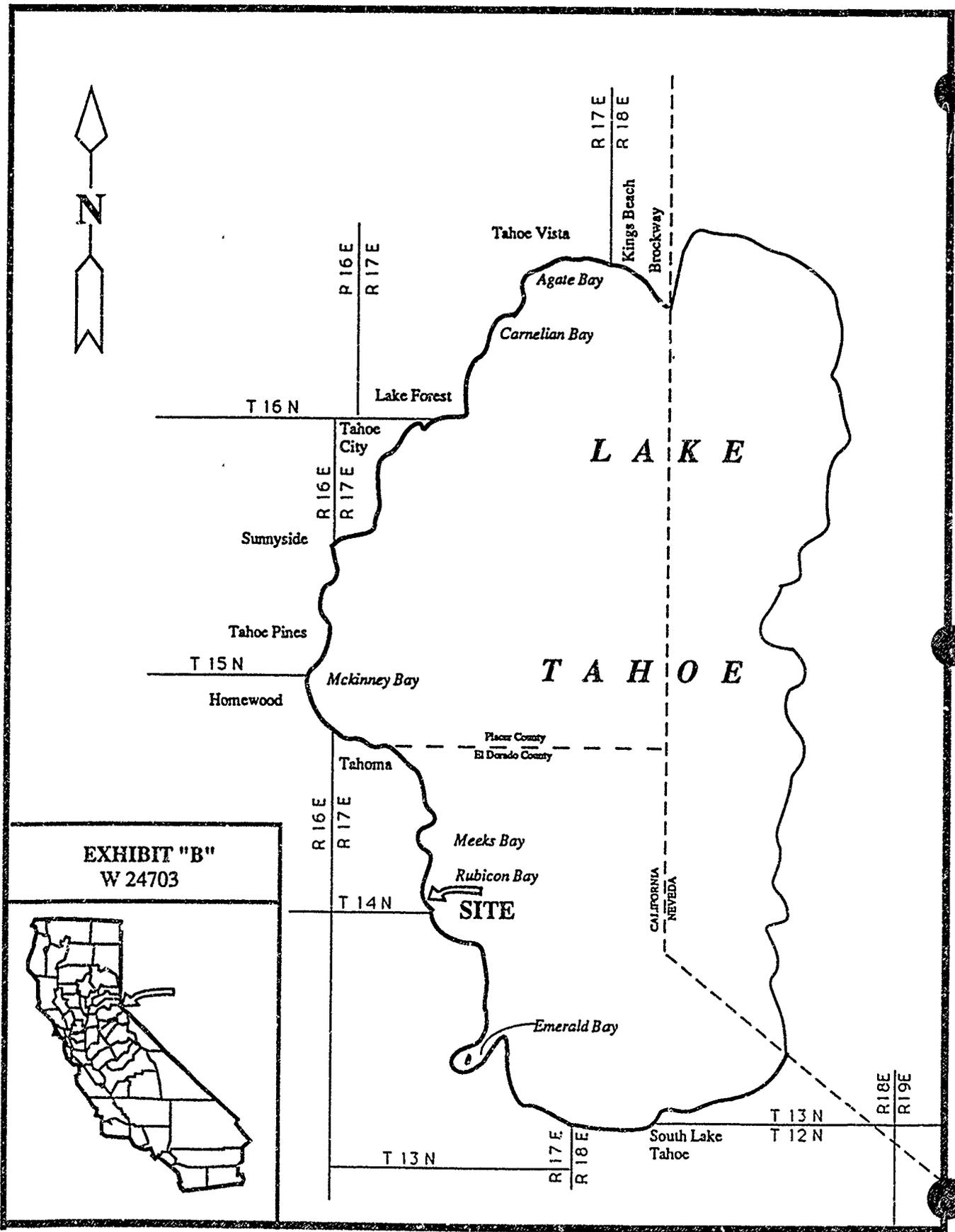
1. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 595 STATE CLEARING HOUSE NO. 92052133 WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. ADOPT THE NEGATIVE DECLARATION AND DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. ADOPT THE MONITORING PROGRAM, ATTACHED AS EXHIBIT "E", PREPARED PURSUANT TO P.R.C. SECTION 21081.6.
4. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.
5. AUTHORIZE ISSUANCE TO LAURA K. SVENDSEN, OF A FIVE-YEAR RECREATIONAL PIER PERMIT, BEGINNING JUNE 30, 1992, FOR THE RECONSTRUCTION, RELOCATION AND EXTENSION OF AN EXISTING PIER, INCLUDING THE ADDITION OF A LOW LEVEL BOATLIFT, THE RETENTION OF ONE EXISTING MOORING BUOY AND THE PLACEMENT OF A SECOND MOORING BUOY ON THE LAND DESCRIBED ON EXHIBIT "A" ATTACHED, AND BY REFERENCE MADE A PART HEREOF.



**EXHIBIT "A"**  
 Site Map  
 W 24703  
 APN 16 - 091 - 48  
 Lake Tahoe  
 EL DORADO COUNTY



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114  
2032

CWA-  
KMA

EXHIBIT "C"

Date 3-10-92

File Ref: W 24703

Ms. Judy Ludlow  
California State Lands Commission  
1807 13th Street  
Sacramento, California 95814

Subject: Building Permit for Pier - Pier Relocation and 75' Extension

Name: Laura K. Svendsen c/o Susanne Lyons *J- Bucoyo*

Address: 10561 Maze Boulevard  
Modesto, CA 95351

Upland Address: 8449 Meeks Bay Avenue

County Assessor's Parcel No. 16-091-48

Dear Ms. Ludlow :

The County of El Dorado has received notice of the above-referenced project in Lake Tahoe and has no objection to the pier repair/construction or to the issuance of the State Lands Commission's permit.

If you have any questions, you may reach me at (916) 573-3145

Sincerely,

El Dorado County  
Building Division

*John S. Walker*  
JOHN S. WALKER  
Building Inspector III

RECEIVED  
EL DORADO CO. COMMUNITY DEVELOPMENT DEPT.  
SOUTH LAKE TAHOE

06311

115  
2033

EXHIBIT "D"

STATE 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 958

CHARLES WARREN  
Executive Officer

May 29, 1992  
File: W 24703  
ND 595

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 June 29, 1992.

Should you have any questions or need additional information, please call the undersigned at (916) 322-7826.

*Doug Miller* LL

DOUG MILLER  
Division of Environmental  
Planning and Management

Attachment

CALENDAR FILE 116  
1034

**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 24703  
ND 595  
SCH No. 92052133

Project Title: Svendsen Pier Construction & Two Buoys

Proponents: Laura K. Svendsen

Project Location: Lake Tahoe, 3449 Meeks Bay Avenue, Meeks Bay Vista, APN 16-091-48, El Dorado County.

Project Description: Proposed authorization to relocate and construct an open-piling designed wooden pier with low-level boatlift, use of one existing buoy, and addition of one buoy.

Contact Person: Doug Miller Telephone: 916/322-7826

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

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ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13.20 (7/82)

File Ref.: W 24703

I. BACKGROUND INFORMATION

A. Applicant: Laura K. Svendsen Agent: Kevin M. Agan
C/O Susan Lyons
10561 Maze Blvd.
Modesto CA

B. Checklist Date: 5/ 28/ 92

C. Contact Person: Doug Miller
Telephone: ( 916) 322-7826

D. Purpose: Recreational Use

E Location: Lot 30, Meeks Bay Vista, South Tract, 3449 Meeks Bay Ave.,
El Dorado County, APN 16-091-48

F. Description: Proposed authorization to relocate and construct an open
piling designed wooden pier with low level boat lift, use of one
existing buoy and one additional mooring buoy.

G. Persons Contacted:
Kevin Agan - Agent - Vail Engineering
Coleen Shade - Tahoe Regional Planning Agency
Judy Brown - State Lands Commission

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

Table with 3 columns: Question, Yes, Maybe, No. Contains 7 questions regarding environmental impacts like earth conditions, soil disruptions, topography changes, erosion, and geologic hazards.

- |  | Yes                      | Maybe                    | No                                  |
|--|--------------------------|--------------------------|-------------------------------------|
| <b>B Air</b> Will the proposal result in   |                          |                          |                                     |
| 1. Substantial air emissions or deterioration of ambient air quality?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. The creation of objectionable odors?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>C. Water.</b> Will the proposal result in:  |                          |                          |                                     |
| 1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Alterations to the course or flow of flood waters?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Change in the amount of surface water in any water body?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Alteration of the direction or rate of flow of ground waters?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?                | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Substantial reduction in the amount of water otherwise available for public water supplies?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. Exposure of people or property to water-related hazards such as flooding or tidal waves?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Significant changes in the temperature, flow or chemical content of surface thermal springs?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>D. Plant Life.</b> 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)?                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of plants?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Reduction in acreage of any agricultural crop?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>E. Animal Life</b> 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)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of animals?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Deterioration to existing fish or wildlife habitat?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>F. Noise.</b> Will the proposal result in:  |                          |                          |                                     |
| 1. Increase in existing noise levels?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to severe noise levels?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>G. Light and Glare.</b> Will the proposal result in   |                          |                          |                                     |
| 1. The production of new light or glare?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>H. Land Use</b> Will the proposal result in   |                          |                          |                                     |
| 1. A substantial alteration of the present or planned land use of an area?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>I. Natural Resources.</b> Will the proposal result in:  |                          |                          |                                     |
| 1. Increase in the rate of use of any natural resources?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial depletion of any nonrenewable resources?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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		Yes	Maybe	No
<b>J Risk of Upset</b> Does the proposal result in:				
1.	A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Possible interference with emergency response plan or an emergency evacuation plan? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>K. Population.</b> Will the proposal result in:				
1.	The alteration, distribution, density, or growth rate of the human population of the area? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>L. Housing.</b> Will the proposal result in:				
1.	Affecting existing housing, or create a demand for additional housing? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>M. Transportation/Circulation.</b> Will the proposal result in:				
1.	Generation of substantial additional vehicular movement? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Affecting existing parking facilities, or create a demand for new parking? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Substantial impact upon existing transportation systems? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Alterations to present patterns of circulation or movement of people and/or goods? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Alterations to waterborne, rail, or air traffic? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>N Public Services.</b> Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:				
1.	Fire protection? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Police protection? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Schools? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Parks and other recreational facilities? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Maintenance of public facilities, including roads? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Other governmental services? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>O. Energy.</b> Will the proposal result in:				
1.	Use of substantial amounts of fuel or energy? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Substantial increase in demand upon existing sources of energy, or require the development of new sources? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P Utilities.</b> Will the proposal result in a need for new systems, or substantial alterations to the following utilities:				
1.	Power or natural gas? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Communication systems? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Water? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Sewer or septic tanks? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Storm water drainage? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Solid waste and disposal? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Q. Human Health.</b> Will the proposal result in:				
1.	Creation of any health hazard or potential health hazard (excluding mental health)? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Exposure of people to potential health hazards? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>R Aesthetics.</b> Will the proposal result in:				
1.	The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>S Recreation.</b> Will the proposal result in:				
1.	An impact upon the quality or quantity of existing recreational opportunities? .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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T. *Cultural Resources.*

Yes Maybe No

- 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?
- 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?
- 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?
- 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?

U. *Mandatory Findings of Significance.*

- 1. 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?
- 2. Does the project have the potential to achieve short term, to the disadvantage of long-term, environmental goals?
- 3. Does the project have impacts which are individually limited, but cumulatively considerable?
- 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

III. DISCUSSION OF ENVIRONMENTAL EVALUATION (See Comments Attached)

SEE ATTACHED

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

- I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: 5, 29, 92

*Doug Miller* 121  
 For the State Lands Commission  
 INITIAL FILE - 539

PROJECT DESCRIPTIONPROJECT NARRATIVE

This proposed project involves the authorization of an existing mooring buoy, an additional mooring buoy, relocation and extension of an existing recreational pier, and installation of an electric low level boat lift (hoist) immediately adjacent to the pier (See attached plan: Exhibit "A"). The relocation will consist of dismantling the existing pier and relocating the pier 20 feet south of the north property line. There will be nine pilings installed between elevations 6,220 feet and 6,232 feet which will occupy a combined surface area of 0.6 square yard. Only four pilings will be installed between the elevations of 6,223 feet and 6,229 feet occupying a combined surface area of 0.3 square yard. The relocated pier will be extended approximately 75 linear feet to the Tahoe Regional Planning Agency (TRPA) pierhead line. The low level boat lift is proposed for the north side of the pier. The relocated pier will extend approximately 120 linear feet from shore to the TRPA pierhead line. See Exhibit "B". The proposed relocation of the pier will provide sufficient navigation clearance due to the current location conflict with the existing adjacent pier.

The pier will be reconstructed with 10.75" diameter steel piles at 15' on center, 6" steel "H" beams, 4" x 12" wood joists at 24" on center, 2" x 6" cedar decking. The repair will be accomplished through use of a barge with over-inflated flotation type tires which allows it to leave the water and come up on the beach. Access to the site will be completely from the water for both materials and equipment. The low level boat lift is affixed to a single self supportive 10 inch "H" beam driven into the lake bottom making the whole system independent of the pier. The "H" beam for the low-level boat lift will be driven at the same time the rest of the piers are driven.

The mooring buoy is attached to the upper end of a one inch chain of which the lower end is attached to a cast concrete anchor which rests on the lake bottom displacing about three square feet.

CONSTRUCTION METHOD

The first stage of the construction will be to remove the old

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structure. Access will be from the lake by barge fitted with rubber flotation type tires. Disturbance will be restricted to the footprint of the existing structure. The original pier, which was constructed on rocks with a few pilings, will be dismantled from the lake end. The second phase will consist of driving the steel piles in a single row piling style spaced 15 ft. apart from the shore out 90 feet where three sets of double pilings support the last 30 feet of pierhead. Next the "H" beams will be attached to the pilings, the joists mounted on the "H" beams, the decking installed, and the boat lift constructed. This will all be accomplished within the existing footprint of the pier.

TRPA Best Management Practices (BMP's) shall be employed to prevent earthen materials to be resuspended as a result of pier construction and from being transported to adjacent lake waters. The applicant shall use caissons or vertical cylinders (sleeves) to prevent the release of resuspended sediments during pile placement activities from entering the lake. Small boats and/or tarps will be placed under the reconstruction area as necessary to collect construction debris. The materials generated by the removal of the old pier and other waste materials from the reconstruction will be collected and stored on the barge and disposed of at the nearest dumpster/sanitary landfill site. If disturbed lakebottom sediments are found due to the construction activity associated with the installation of this project, the affected areas will be hand rolled and/or rock cobble to be hand picked to reconsolidate the lakebottom sediments. There will be no storage of materials above the low water line of the subject property. This will prevent disturbance to Tahoe Yellow Cress Habitat.

## DESCRIPTION OF ENVIRONMENTAL SETTING

The proposed reconstruction project is located at 8449 Meeks Bay Avenue, Rubicon Bay Area, El Dorado County, California, A.P.N. 16-091-48. This is a private residence in the Rubicon Bay Area, approximately 2,000 feet south of the point between Meek's Bay and Rubicon Bay, 2.1 miles north of D.L. Bliss State Park. A pier and buoy presently exist on site. The existing pier is located above the 6,223 foot contour which is the mean low water line and never needed State Lands Commission authorization for use. The existing unauthorized buoy is below the 6223 foot contour. There is an existing pier located approximately 120 feet to the north and another located 55 feet to the south of the proposed relocated pier.

### SITE DESCRIPTION

The Svendsen residence is located 42 linear feet landward of the mean high water contour of 6,229.1 feet elevation. The slope lakeward from the residence to the 6,228 foot contour is 41%. The slope lakeward from the 6,228 foot contour to the water is 11%. The survey area includes both neighboring parcels.

### SUBSTRATE AND TOPOGRAPHY

The substrate on the shoreline consists of granitic sand, gravel, cobble, and boulders. A large area of sand extends from the waterline (6,222.7 feet elevation) landward to about the 6,228 foot contour line between the northern edge of the existing pier and a point approximately 20 feet away. Beneath the existing pier, the substrate consists of cobbles and large boulders (2 to 5 feet in diameter). On the northern edge of the Svendsen property large boulders are present near the 6,223 foot elevation contour. Cobbles and gravels are also present with sand underlying these substrata. Landward of the 6,226 foot elevation contour where the gravel and cobble substrata end, sand is the dominant substratum with scattered small boulders (1-2 feet in diameter) up to the 6228 foot elevation contour where large boulders are present. What appears to be a 1 inch diameter lake water intake pipe traverses the shoreline about 18 feet south of the northern property line. The substratum at the bank (6,229 feet elevation) is small and large boulders. Landward of the 6,229 foot contour, the substratum is mainly cobbles with some scattered boulders.

### VEGETATION

The vegetation at the bank (6,229 feet elevation) is composed primarily of Willow (Salix sp.) with a few Mariposa Manzanita (Arctostaphylos mariposa) and Mountain Alder (Alnus tenuifolia) present. Landward of the bank the slope is heavily vegetated with

Ceanothus sp. A few small trees are growing on the slope (e.g. Pinus jeffreyi and Abies concolor) with larger trees present further up the slope near the residence (a 40 foot tall Jeffrey pine).

The vegetation on the shoreline (below the 6229.1 foot elevation contour) was very sparse. The habitat of the shoreline is primarily large areas of granitic sand with scattered boulders (both large and small) and some cobbles and gravels. A line of grasses and Western Dock (Rumex occidentalis) were present at the 6,223 foot elevation contour. Between the 6,223 and 6,226 foot elevation contours, there was no vegetation present in the sand substratum on the project site. Amid the cobbles and gravels the vegetation, while sparse, was diverse. Seedling trees and shrubs were more abundant between 6,227 and 6,229 feet elevation because this area of the shoreline has been exposed above the waterline because of drought conditions prevalent in California for the past five years. This allowed woody plants to begin colonizing the upper beach areas not being submerged annually.

One colony of Tahoe Yellow Cress (TYC) (21 plants in the colony) was observed adjacent to the northern property line of the parcel and has been fenced by the owner for protection.

#### CONCLUSIONS

The project parcel has both TYC habitat and Tahoe Yellow Cress (Rorippa subumbellata, Rollins). The relocated pier will be located 16 feet from the nearest specimen of TYC. Mitigation measures to protect both the TYC and its habitat include using a single open pile pier design, to allow the TYC to spread, and BMP's previously discussed along with TRPA and SLC staff monitoring the project.

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