MINUTE ITEM
This Calendar Item No. C02
was approved as Minute Item
No. 02 by the State Lands
Commission by a vote of 3
to 0 at its 8-12-91
meeting.

CALENDAR ITEM

C 02

08/12/91

A 7

S 1

PRC 7554 W 24587 W 24671 PRC 7557
PRC 7555 W 24609 PRC 3551
PRC 7556 W 24637 PRC 3557
PRC 7130
Garibay

APPROVE RECREATIONAL PIER PERMITS FOR
BUOYS IN LAKE TAHOE

APPLICANTS:
As listed on Exhibit "A" attached

TERMS:
Initial period:
Five (5) years for all items on Exhibit "A", except

Renewal options:
None

CONSIDERATION:
No monetary consideration pursuant to Section 6503., P.R.C.

APPLICANT STATUS:
Applicants are littoral landowners, as defined in Section 6503, P.R.C.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:
Filing fees and processing costs have been received.

STATUTORY AND OTHER REFERENCES:
A. P.R.C.: Div. 6, Parts 1 and 2

B. Cal. Code Regs.: Title 2, Div. 3

AB 884:
Item C - 09/15/91
Item E - 09/27/91

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 Proposed Negative

Declarations as identified in Exhibit "C". Such Proposed Negative Declarations were prepared and circulated for public review pursuant to the provisions of the CEQA.

Based upon the Initial Studies, the Proposed Negative Declarations, and the comments received in response thereto, there is no substantial evidence that the respective projects will have a significant effect on the environment. (14 Cal. Code Regs. 15074(b))

2. These activities involve 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 review process, it is the staff's opinion that the projects, as proposed, are consistent with their use classification.

3. In order to determine the other potential trust uses in the area, the staff contacted representatives of the following agencies: Tahoe Regional Planning Agency, Department of Fish and Game, County of Placer, County of El Dorado, and the Tahoe Conservancy. None of these agencies expressed a concern that the proposed projects would have a significant effect on trust uses in this area. The agencies did not identify any trust needs which were not being met by existing facilities in the area. Identified trust uses in this area include swimming, boating, walking along the beach, and views of the lake.

4. All permits include special language in which the permittee/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.

5. All applicants have been, or will be, notified that the public has a right to pass along the shorezone and the permittee must provide a reasonable means for public passage along the shorezone occupied by the permitted structure.

6. If any structure 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 the permit will be 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, lessee shall request the consent of State to make such alterations.

7. Regarding items C and D, the issuance of these permits supersedes any prior authorization made by the State Lands Commission at their respective locations.

APPROVALS OBTAINED:

El Dorado County, Placer County, and Tahoe Regional Planning Association.

EXHIBITS:

A. Applicant List
B. Location Map
C. Negative Declarations

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT NEGATIVE DECLARATIONS, EXHIBIT "C", WERE PREPARED FOR THESE PROJECTS PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED, CONSIDERED, AND ADOPTED THE INFORMATION CONTAINED THEREIN.

2. ADOPT SUCH NEGATIVE DECLARATIONS AND DETERMINE THAT THE PROJECTS, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

3. FIND THAT THE ISSUANCE OF THE PERMITS FOR ITEMS F AND G SUPERSEDE ANY PRIOR AUTHORIZATION MADE BY THE STATE LANDS COMMISSION AT THEIR RESPECTIVE LOCATIONS.

4. AUTHORIZE THE ISSUANCE OF FIVE-YEAR RECREATIONAL PIER PERMITS TO THE APPLICANTS LISTED IN EXHIBIT "A" FOR THE RETENTION OF EXISTING BUOYS/STRUCTURES ON THE LANDS DESCRIBED ON EXHIBIT "B" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

EXHIBIT "A"

RECREATIONAL PIER PERMITS FOR CALENDAR OF AUGUST 12, 1991

ITEM NO.	WORK ORDER NO.	APPLICANT	LOCATION	LAND USE AND STATUS	UPLAND PROPERTY DESCRIPTION	CLASSIFICATION SCH#	CLASSIFICATION ND#
A	W 24587	Daniel & Christine McLoughlin P.O. Box 731 Carnelian Bay, CA 95711	Lake Tahoe, Placer County	Retention of two mooring buoys	Lot 9 of Lake Forest on Lake Tahoe Unit #2	91052031	551
B	W 24609	Richard & Frieda Klein P.O. Box 5185 Tahoe City, CA 95730	Lake Tahoe, Placer County	Retention of two mooring buoys	Lot 7 of Lake Park Terrace	91052080	557
C	W 24637	Thomas & Martha Hughes 1046 - 46th Street Sacramento, CA 95819	Lake Tahoe, Placer County	Retention of two mooring buoys	Lot 6 & 6A of Blackwood Cove	91052079	555
D	W 24671	Barbara Bassett c/o George Bassett 1838 Tice Valley Blvd. Walnut Creek, CA 94595	Lake Tahoe, Placer County	Retention of one mooring buoy	Portion of N1/2 of Section 25, Township 15N, Range 16E	91052078	556

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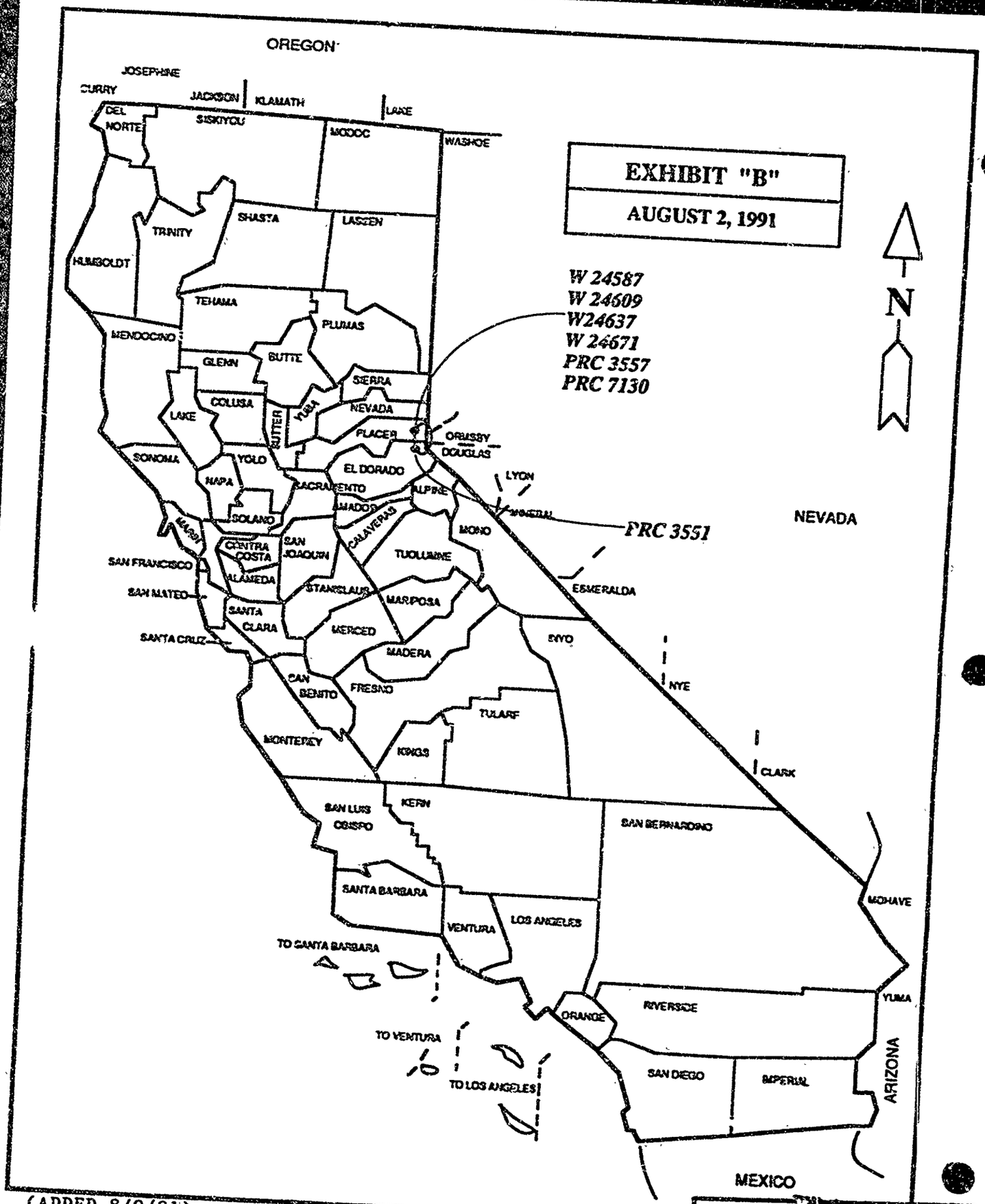
EXHIBIT "A"

RECREATIONAL PIER PERMITS FOR CALENDAR OF AUGUST 12, 1991

ITEM NO.	WORK ORDER NO.	APPLICANT	LOCATION	LAND USE AND STATUS	UPLAND PROPERTY DESCRIPTION	CLASSIFICATION SCH #	ND#
E	PRC 3551	Miller/Shurtleff 30 Las Cascades Road Orinda, CA 94563	Lake Tahoe, El Dorado County	Existing pier, boathouse, and retention of two mooring buoys	Portion of N 1/2 of Fractional SE 1/4 of Section 20, Township 14N Range 17E	91042039	549
F	PRC 3557	Breuner/Grebitus 1470 Maria Lane, #490 Walnut Creek, CA 94596	Lake Tahoe, Placer County	Existing pier and retention of four mooring buoys	Lot 70 and 71 of Lakeside on Lake Tahoe	91052072	552
G	PRC 7130	Charles J. Winton 110 Lyford Drive Tiburon, CA 94920	Lake Tahoe, Placer County	Existing pier and boatlift and retention of two mooring buoys	Lot 60, Block 25 Lakeside on Lake Tahoe	91052071	553



(ADDED 8/9/91)

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EXHIBIT "C"

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 95814

CHARLES WARREN
Executive Officer

May 17, 1991
File Ref.: W 24587
EIR ND: 551

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION
(SECTION 15073 CFR)

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 16, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

Jacques Graber

JACQUES GRABER (44)
Division of Environmental
Planning and Management

Attachment

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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

PROPOSED NEGATIVE DECLARATION

EIR ND: 551

File: W 24587

SCH No.: 91052031

Project Title:	McLoughlin -- Authorization of Two Existing Buoys
Proponents:	Daniel P. McLoughlin
Project Location:	West shore of Lake Tahoe, 4040 North Lake Blvd., APN 092-142-07, Placer County.
Project Description:	Authorization of two existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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McLOUGHLIN BUOY
PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 4040 N. Lake Blvd. southerly of Cedar Flat, in Placer County.

The upland portion of the parcel consists of a low bluff approximately five feet above HWL. A small scarp separates the upland from a gently sloping sandy to gravelly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. the site is categorized as "Riparian" on the Tahoe Shorezone Assessment (February, 1978).

A small 18 to 20 inch wooden wall is constructed at the foot of the low escarpment.

The lakebed at the parcel slopes gently waterward. Substrate consists of cobbles and boulders six inches and larger.

A buoy field is located in the vicinity of the applicant's parcel. Approximately eight buoys are located in the general buoy field. Two piers are located approximately 100 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 24587

I. BACKGROUND INFORMATION

A Applicant: Daniel F. McLoughlin
P.O. Box 731
Carnelian Bay, CA 95711

Agent: Vail Engineering
P.O. Box 879
Tahoe City, CA 95730
Attn: Kevin Agan

B. Checklist Date: 04 / 12 / 91

C. Contact Person: Jacques A. Graber
Telephone: (916) 323-7209

D. Purpose: Authorize two existing mooring buoys

E Location: West shore of Lake Tahoe at upland address 4040 N. Lake Blvd
APN 092-142-07-00, Placer County.

F Description: Continue placement of two existing mooring buoys among several others approximately 225 feet and 300 feet waterward of applicant's property.

G Persons Contacted:

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

A. *Earth.* Will the proposal result in:	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	X
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	X	☐
3. Change in topography or ground surface relief features?	☐	☐	X
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	X
5 Any increase in wind or water erosion of soils, either on or off the site?	☐	☐	X
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☐	X
7 Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	X

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

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	Yes	Maybe	No
J. *Risk of Upset.* 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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	●
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:	☐	☐	☒
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:	☐	☐	☒
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:	☐	☐	☒
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☒	☐

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

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

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

[X] 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: 04 / 26 / 91

For the State Lands Commission

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Form 15.20 (7/82)

McLOUGHLIN BUOY
DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of two existing mooring buoys. These will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoys will employ concrete anchor blocks which rest on the bottom substrate. Each block may cover approximately two square feet of lakebottom. About four square feet of lakebottom will be covered, thus removing it from accessibility to bottom dwelling organisms. The blocks are not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the blocks. Impacts will be minimal.

A.3. Topography

The blocks anchoring the buoys are placed directly on the surface of the lake bottom. Their size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor blocks will not affect the lakebottom or unique features. The buoys are in place and will not be a new impact.

A.5. Erosion

The anchor blocks are placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The blocks are in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor blocks. The impact will be negligible.

A.7. Geologic Hazards

The blocks and buoys are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoys are placed manually from a boat and rest directly on the lakebed. No special excavations are required. No emissions will result from their placement as they are already in place.

B.2. Odors

The buoys are used for mooring purposes and create no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off from them. The impact is negligible.

B.3. Air Alterations

The buoys and anchor blocks remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoys and anchor blocks are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The two buoys and anchor blocks are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoys and anchor blocks are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoys and anchor blocks are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoys and blocks are placed such that the blocks rest on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoys, placed on the lakebed will not penetrate the bottom and affect ground water flows.

C.7. Groundwater, Quantity

The buoys and anchor blocks rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor blocks and buoys will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoys and anchor blocks are less than four cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

The blocks and buoys are placed in Lake Tahoe and will not affect nearby thermal springs.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and capable of supporting sessile plants. The anchor blocks and chains can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The buoys and blocks are placed approximately 225-300 feet from shore in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor blocks and buoys afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chains and concrete blocks could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor blocks and buoys could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assemblies for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assemblies are small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assemblies serve to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The two buoy assemblies are currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoys have no whistles or bells for navigational aids. There will be no increases in noise levels.

F.2. Severe Noise

The buoys will not generate noise themselves. The only noise impacts may arise from the boats moored at the buoys. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoys will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoys are located in an existing cluster of buoys. There will not be a newly introduced use for this location to alter local use patterns. Adjacent buoys are approximately 40 feet SW, 50 feet WSW of applicant's nearshore buoy and approximately 48 feet NE and NW of the more lakeward buoy.

I.1. Resource Use

The two buoys will not increase resource depletion or loss of non-renewable resources. Recreational boats are the only craft to be moored at these buoys.

J.1. Explosion

The project involves authorization of two existing mooring buoys with attendant anchor blocks and chains. No hazardous chemical or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The two existing mooring buoys are in an established cluster of buoys. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The two mooring buoys will not affect the population density or growth patterns in that area. They are intended for private use by the applicant for mooring of two recreational vessels. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoys are intended for use by the applicant whose property is located 225 to 300 feet west. No new housing will be constructed in association with the buoys.

M.1. Vehicular Movement

The authorized buoys are intended for the applicant's private use. No new vehicular traffic will result from the use of these buoys.

M.2. Parking

The authorized buoys are intended for the applicants' private use. New parking facilities will not be created or associated with their use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoys are intended for use by the applicants only.

M.4. Circulation

The two buoys are located in an existing cluster of buoys in Lake Tahoe. They will not affect land or water traffic circulation.

M.5. Traffic

The buoys are located in an existing cluster of buoys at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoys are located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for two existing mooring buoys intended for private use by the applicants. The buoys will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoys will not require use of energy for navigational aids. There will be no impact.

O.2. New Energy

The buoys use no energy in their implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoys consist of two hollow plastic floats, chain and two concrete anchor blocks. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The buoys are placed with several other buoys. The presence of several buoys and moored boats creates an impact upon views from shore. The impact will not be new. The two buoys do not create a significant impact on the present view status.

S.1. Recreation

The two buoys do not create a new impact upon recreation in this area. The buoy field generally impacts water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The two buoys are located with several other buoys approximately 275 to 300 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoys do have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

The buoys are small, passive fixtures which can be removed. They will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

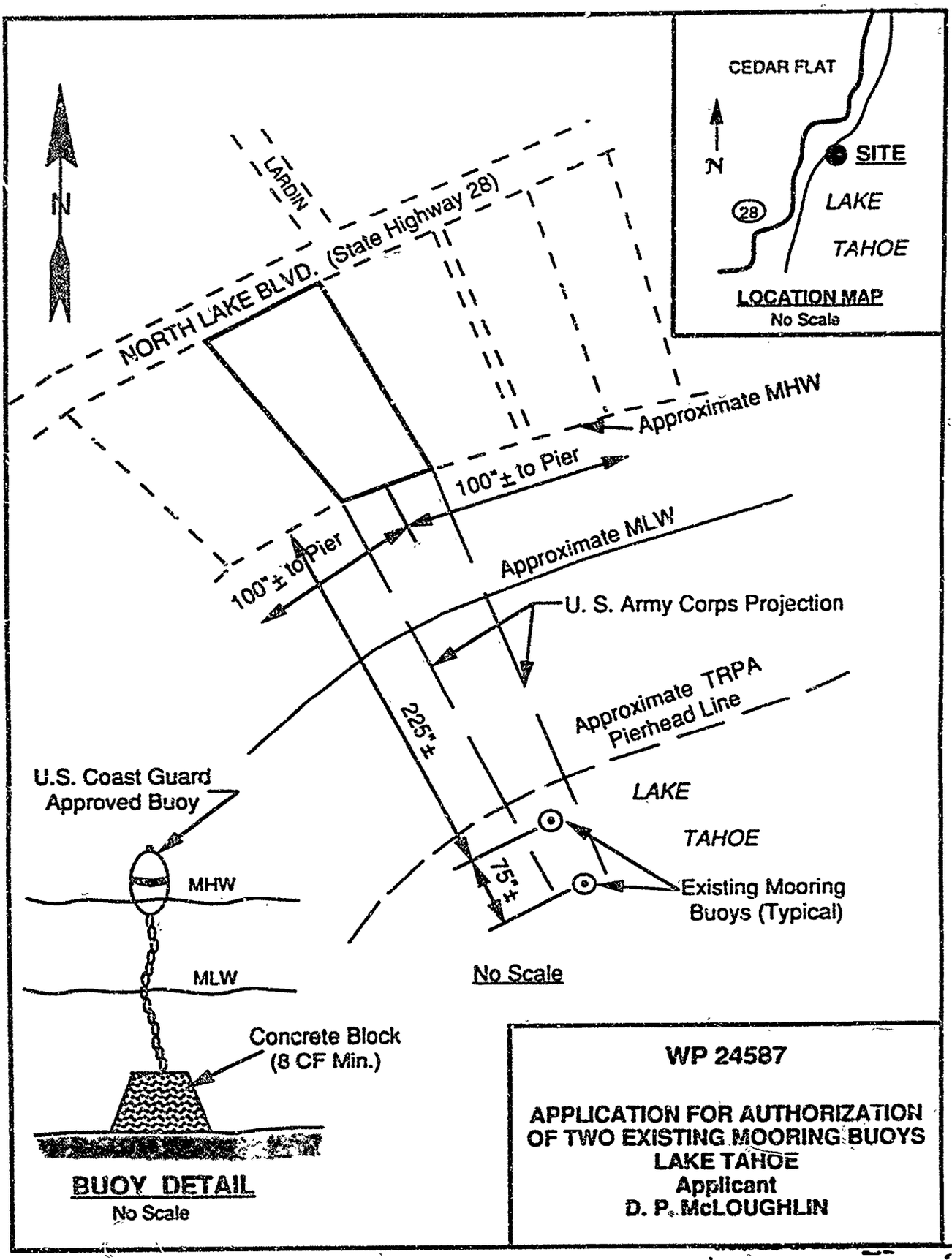
The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

U.3. Cumulative Impacts

The buoys are two of a group of buoys in a "field". The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue. These buoys will add to the cumulative impacts of this buoy field. Because of the current number of buoys in the field and the fact that these are currently in place, authorizing of the two mooring buoys will not create a significant impact on the viewshed.

U.4. Adverse Impacts

The accumulation of several buoys in a field including the two applicants' buoys may contribute to the visual impacts, but the impact should be negligible. There will not be a significant adverse impact on humans.



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STATE OF CALIFORNIA

STATE LANDS COMMISSION

PETE WILSON, *Governor*

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

May 21, 1991
File Ref.: W 24609
EIR ND: 557

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION (SECTION 15073 CFR)

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 21, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

CALENDAR PAGE 26
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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 95814

CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 557

File: W 24609

SCH No.: 91052080

Project Title:	Klein – Authorization of Two Existing Buoys
Proponents:	Richard & Frieda Klein
Project Location:	Lake Tahoe, 140 Sierra Terrace, APN 094-150-20, Placer County.
Project Description:	Authorization of continued placement and use of two existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: W 24609

I. BACKGROUND INFORMATION

A. Applicant: Klein, Richard and Frieda
P.O. Box 5185
Tahoe City, CA 95730

B. Checklist Date: 05 / 10 / 91

C. Contact Person: Jacques Graber
Telephone: (916) 323-7209

D. Purpose: Authorize continued placement and use of two recreational mooring buoys.

E Location: Lake Tahoe - upland address 140 Sierra Terrace Road, Tahoe City.
APN 094-150-20, Placer County.

F Description: Authorization to continue placement and use of two mooring boys anchored with concrete blocks and chains to the bed of Lake Tahoe.

G Persons Contacted:

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☒	☐
3. Change in topography or ground surface relief features?	☐	☐	☒
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
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 channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☒	☐
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

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

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	Yes	Maybe	No
J. *Risk of Upset.* 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?	☐	☒	☐
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

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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?	☐	☐	X
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?	☐	☐	X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐	☐	X

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

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

[X] 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: 05/ 16 /_ 91

For the State Lands Commission

CALENDAR PAGE 51
MINUTE PAGE 2307

KLEIN BUOY
PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 140 Sierra Terrace Road in Tahoe City, in Placer County.

The upland portion of the parcel consists of a low flat approximately two feet above HWL. A small scarp separates the upland from a gently sloping gravelly to cobbly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. The site is categorized as "mixed coniferous forest" on the Tahoe Shorezone Assessment (February, 1978).

A small 18 to 20 inch loose stone wall is constructed at the foot of the low escarpment.

The lakebed at the parcel slopes gently waterward. Substrate consists of cobbles and boulders six inches and larger.

A buoy field containing 20 buoys is located in the vicinity of the applicant's parcel. Approximately eight buoys spaced 70 to 140 feet apart are located in the general area of the applicants' pier. Two piers are located approximately 80 and 140 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

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KLEIN BUOY
DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of two existing mooring buoys. These will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoys will employ concrete anchor blocks which rest on the bottom substrate. Each block may cover approximately two square feet of lakebottom. About four square feet of lakebottom will be covered, thus removing it from accessibility to bottom dwelling organisms. The blocks are not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the blocks. Impacts will be minimal.

A.3. Topography

The blocks anchoring the buoys are placed directly on the surface of the lake bottom. Their size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor blocks will not affect the lakebottom or unique features. The buoys are in place and will not be a new impact.

A.5. Erosion

The anchor blocks are placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The blocks are in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor blocks. The impact will be negligible.

A.7. Geologic Hazards

The blocks and buoys are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoys are placed manually from a boat and rest directly on the lakebed. No special excavations are required. No emissions will result from their placement as they are already in place.

B.2. Odors

The buoys are used for mooring purposes and create no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off fr them. The impact is negligible.

B.3. Air Alterations

The buoys and anchor blocks remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoys and anchor blocks are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The two buoys and anchor blocks are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoys and anchor blocks are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoys and anchor blocks are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoys and blocks are placed such that the blocks rest on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoys, placed on the lakebed will not penetrate the bottom and affect ground water flows.

C.7. Groundwater, Quantity

The buoys and anchor blocks rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor blocks and buoys will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoys and anchor blocks are less than four cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

There are no known thermal springs in the vicinity of the project. There will be no impacts.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and capable of supporting sessile plants. The anchor blocks and chains can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The buoys and blocks are placed approximately 200-250 feet from shore in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor blocks and buoys afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chains and concrete blocks could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor blocks and buoys could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assemblies for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assemblies are small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assemblies serve to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The two buoy assemblies are currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoys have no whistles or bells for navigational aids. There will be no increases in noise levels.

F.2. Severe Noise

The buoys will not generate noise themselves. The only noise impacts may arise from the boats moored at the buoys. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoys will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoys are located in an existing cluster of buoys. There will not be a newly introduced use for this location to alter local use patterns. Adjacent buoys are approximately 140 feet SW, 100 feet NE of applicants' nearshore buoy and a large field is approximatley 180 feet further NE of the applicants' buoy.

I.1. Resource Use

The two buoys will not increase resource depletion or loss of non-renewable resources. Recreational boats are the only craft to be moored at these buoys.

J.1. Explosion

The project involves authorization of two existing mooring buoys with attendant anchor blocks and chains. No hazardous chemicals or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The two existing mooring buoys are in an established cluster of buoys. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The two mooring buoys will not affect the population density or growth patterns in that area. They are intended for private use by the applicant for mooring of two recreational vessels. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoys are intended for use by the applicant whose property is located 225 to 300 feet west. No new housing will be constructed in association with the buoys.

M.1. Vehicular Movement

The authorized buoys are intended for the applicant's private use. No new vehicular traffic will result from the use of these buoys.

M.2. Parking

The authorized buoys are intended for the applicants' private use. New parking facilities will not be created or associated with their use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoys are intended for use by the applicants only.

M.4. Circulation

The two buoys are located in an existing cluster of buoys in Lake Tahoe. They will not affect land or water traffic circulation.

M.5. Traffic

The buoys are located in an existing cluster of buoys at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoys are located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for two existing mooring buoys intended for private use by the applicants. The buoys will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoys will not require use of energy for navigational aids. There will be no impact.

O.2. New Energy

The buoys use no energy in their implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoys consist of two hollow plastic floats, chain and two concrete anchor blocks. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The buoys will be placed with several other buoys. The presence of several buoys and moored boats creates an impact upon views from shore. The impact will not be new. The addition or removal of the two buoys will not create a significant impact on the present view status.

S.1. Recreation

The two buoys will not create a new impact upon recreation in this area. The buoy field generally impacts water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The two buoys are located with several other buoys approximately 275 to 300 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoys will have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

The buoys are small, passive fixtures which can be removed. They will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

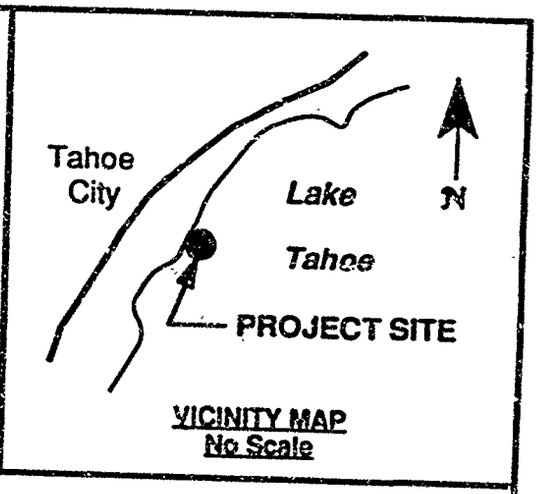
U.3. Cumulative Impacts

The buoys are two of a group of buoys in a "field". The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue. Visual impacts of 5 buoys or greater tends to bring negative responses from the viewing public. The addition of these buoys will add to the cumulative impacts of this buoy field. Because of the current number of buoys in the field and the fact that these are currently in place,

authorization of the two mooring buoys will not create a significant impact on the viewshed.

U.4. Adverse Impacts

The accumulation of several buoys in a field including the two applicants' buoys may contribute to the visual impacts, but the impact should be negligible. There will not be a significant adverse impact on humans.



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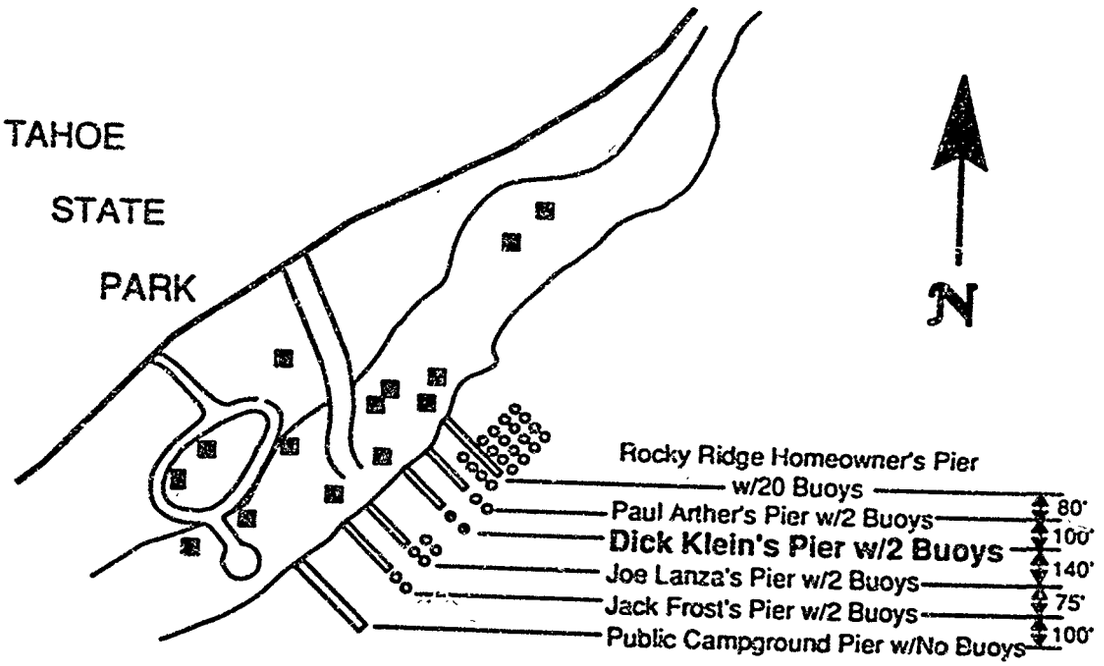

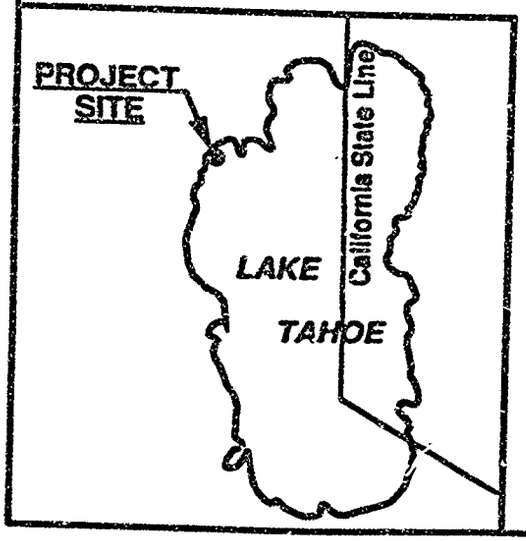

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APPLICATION FOR TWO
MOORING BUOYS
AT LAKE TAHOE
Applicants
RICHARD AND FRIEDA KLEIN

CALENDAR PAGE [illegible]
MINUTE PAGE 2317

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 95814

CHARLES WARREN
Executive Officer

May 21, 1991
File Ref.: W 24637
EIR ND: 555

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION
(SECTION 15073 CFR)

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 21, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

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MINUTE PAGE 2315

STATE OF CALIFORNIA
STATE LANDS COMMISSION
LEO T. McCARTHY, *Lieutenant Governor*
GRAY DAVIS, *Controller*
THOMAS W. HAYES, *Director of Finance*

PETE WILSON, *Governor*
EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814
CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 555

File: W 24637

SCH No.: 91052079

Project Title:	Hughes -- Authorization of Two Existing Buoys
Proponents:	Thomas & Martha Hughes
Project Location:	Lake Tahoe, on the west shore, 3105 West Lake Blvd., APN 85-280-42, Placer County.
Project Description:	Authorization of retention of two existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: W 24637

I. BACKGROUND INFORMATION

A. Applicant: Thomas and Martha Hughes
1046 - 46th Street
Sacramento, CA 95819

Vail Engineering
P.O. Box 879
Tahoe City, CA 95730
Attn: Kevin Agan

B. Checklist Date: 05 / 20 / 91

C. Contact Person: Jacques Graber

Telephone: (916) 323-7209

D. Purpose: Application to permit two existing mooring buoys.

E. Location: Lake Tahoe, 8105 West Lake Blvd., Homewood, APN 85-280-42, Placer County.

F. Description: Authorization of two existing mooring buoys.

G. Persons Contacted:

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☒	☐
3. Change in topography or ground surface relief features?	☐	☐	☒
4. The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
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 channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☒	☐
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

	Yes	Maybe	No
B. *Air.* Will the proposal result in:			
1. Substantial air emmissions or deterioration of ambient air quality?	[ ]	[ ]	[X]
2. The creation of objectionable odors?	[ ]	[ ]	[X]
3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	[ ]	[ ]	[X]
C. *Water* Will the proposal result in:			
1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	[ ]	[ ]	[X]
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?	[ ]	[ ]	[X]
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 oxygen or turbidity?	[ ]	[X]	[ ]
6. Alteration of the direction 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?	[ ]	[ ]	[X]
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?	[ ]	[ ]	[X]
10. Significant changes in the temperature, flow or chemical content of surface thermal springs?	[ ]	[ ]	[X]
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)?	[ ]	[X]	[ ]
2. Reduction of the numbers of any unique, rare or endangered species of plants?	[ ]	[ ]	[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?	[ ]	[ ]	[X]
E. *Animal 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)?	[ ]	[X]	[ ]
2. Reduction of the numbers of any unique, rare or endangered species of animals?	[ ]	[ ]	[X]
3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	[ ]	[X]	[ ]
4. Deterioration to existing fish or wildlife habitat?	[ ]	[ ]	[X]
F. *Noise.* Will the proposal result in:			
1. Increase in existing noise levels?	[ ]	[ ]	[X]
2. Exposure of people to severe noise levels?	[ ]	[ ]	[X]
G. *Light and Glare.* Will the proposal result in:			
1. The production of new light or glare?	[ ]	[ ]	[X]
H. *Land Use.* Will the proposal result in:			
1. A substantial alteration of the present or planned land use of an area?	[ ]	[ ]	[X]
I. *Natural Resources.* Will the proposal result in:			
1. Increase in the rate of use of any natural resources?	[ ]	[ ]	[X]
2. Substantial depletion of any nonrenewable resources?	[ ]	[ ]	[X]

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	Yes	Maybe	No
J. *Risk of Upset.* 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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1 The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1 Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

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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)*

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: 5/22/91

For the State Lands Commission

HUGHES BUOY
PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 3105 W. Lake Blvd. northeast of Skyland, in Placer County.

The upland portion of the parcel consists of a low bluff approximately five feet above HWL. A small scarp separates the upland from a gently sloping sandy to gravelly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. the site is categorized as "Riparian" on the Tahoe Shorezone Assessment (February, 1978).

A small 18 to 20 inch wooden wall is constructed at the foot of the low escarpment.

The lakebed at the parcel slopes gently waterward. Substrate consists of cobbles and boulders six inches and larger.

Two piers are located approximately 200 feet and 1200 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

HUGHES BUOY
DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of two existing mooring buoys. These will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoys will employ concrete anchor blocks which rest on the bottom substrate. Each block may cover approximately two square feet of lakebottom. About four square feet of lakebottom will be covered, thus removing it from accessibility to bottom dwelling organisms. The blocks are not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the blocks. Impacts will be minimal.

A.3. Topography

The blocks anchoring the buoys are placed directly on the surface of the lake bottom. Their size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor blocks will not affect the lakebottom or unique features. The buoys are in place and will not be a new impact.

A.5. Erosion

The anchor blocks are placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The blocks are in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor blocks. The impact will be negligible.

A.7. Geologic Hazards

The blocks and buoys are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoys are placed manually from a boat and rest directly on the lakebed. No special excavations are required. No emissions will result from their placement as they are already in place.

B.2. Odors

The buoys are used for mooring purposes and create no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off from them. The impact is negligible.

B.3. Air Alterations

The buoys and anchor blocks remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoys and anchor blocks are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The two buoys and anchor blocks are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoys and anchor blocks are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoys and anchor blocks are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoys and blocks are placed such that the blocks rest on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoys, placed on the lakebed will not penetrate the bottom and affect ground water flows.

C.7. Groundwater, Quantity

The buoys and anchor blocks rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor blocks and buoys will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoys and anchor blocks are less than four cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

There are no known thermal springs in the vicinity of the project so there will be no impacts.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and capable of supporting sessile plants. The anchor blocks and chains can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The buoys and blocks are placed approximately 200-250 feet from shore in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor blocks and buoys afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chains and concrete blocks could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor blocks and buoys could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assemblies for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assemblies are small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assemblies serve to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The two buoy assemblies are currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoys have no whistles or bells for navigational aids. There will be no increases in noise levels.

F.2. Severe Noise

The buoys will not generate noise themselves. The only noise impacts may arise from the boats moored at the buoys. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoys will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoys are located between two piers. One pier is 200 feet± north of the applicant's buoys with a second pier approximately 1200 feet southeast of the buoys. The buoys presence will create no new impacts as they are currently in place.

I.1. Resource Use

The two buoys will not increase resource depletion c. loss of non-renewable resources. Recreational boats are the only craft to be moored at these buoys.

J.1. Explosion

The project involves authorization of two existing mooring buoys with attendant anchor blocks and chains. No hazardous chemical or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The two mooring buoys are currently in place. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The two mooring buoys will not affect the population density or growth patterns in that area. They are intended for private use by the applicant for mooring of two recreational vessels. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoys are intended for use by the applicant whose property is located 225 to 300 feet west. No new housing will be constructed in association with the buoys.

M.1. Vehicular Movement

The authorized buoys are intended for the applicant's private use. No new vehicular traffic will result from the use of these buoys.

M.2. Parking

The authorized buoys are intended for the applicants' private use. New parking facilities will not be created or associated with their use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoys are intended for use by the applicants only.

M.4. Circulation

The two buoys are currently in position in Lake Tahoe. They will not affect land or water traffic circulation.

M.5. Traffic

The buoys are located approximately 250 feet waterward of the applicant's property at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoys are located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for two existing mooring buoys intended for private use by the applicants. The buoys will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoys will not require use of energy for navigational aids. There will be no impact.

O.2. New Energy

The buoys use no energy in their implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoys consist of two hollow plastic floats, chain and two concrete anchor blocks. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The two mooring buoys are currently in place approximately 250 feet waterward of the applicant's property. They create a small visual impact. The impact will not be new. The addition or removal of the two buoys will not create a significant impact on the present view status.

S.1. Recreation

The two buoys will not create a new impact upon recreation in this area. The buoys currently impact water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The two buoys are located approximately 200 to 250 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoys will have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

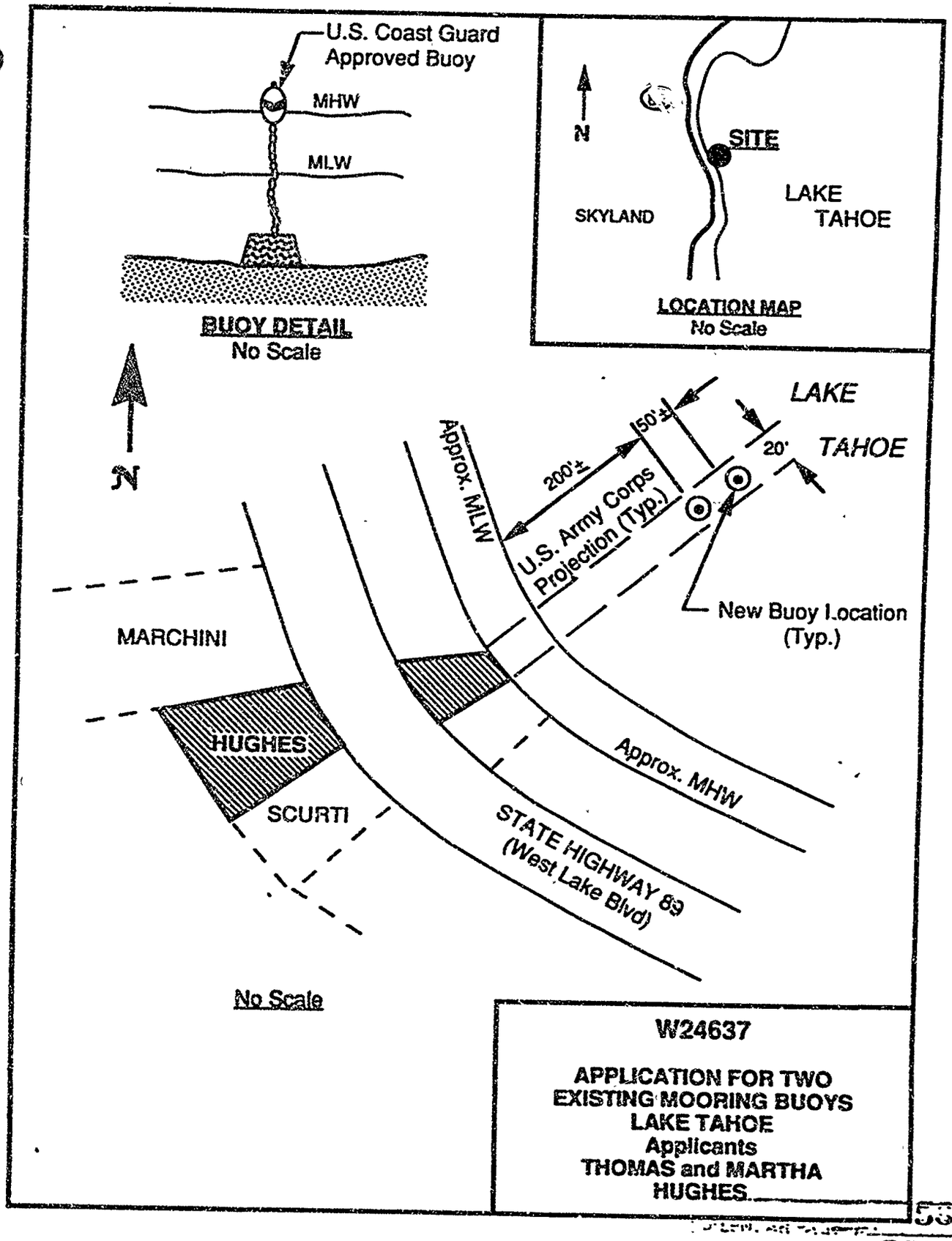
The buoys are small, passive fixtures which can be removed. They will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

U.3. Cumulative Impacts

The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue. The visual impact of one or two buoys has been found to be minimal compared to a field with five or seven buoys causing adverse reactions; fields even bigger causing the greatest reaction. Authorization of the two mooring buoys will not create a significant impact on the viewshed.



W24637

APPLICATION FOR TWO EXISTING MOORING BUOYS LAKE TAHOE
Applicants
THOMAS and MARTHA HUGHES

STATE OF CALIFORNIA

STATE LANDS COMMISSION

PETE WILSON, *Governor*

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 958[illegible]

CHARLES WARREN
Executive Officer

May 21, 1991
File Ref.: W 24671
EIR ND: 556

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION (SECTION 15073 CFR)

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 21, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

CALENDAR PAGE 57
MINUTE PAGE 2350

STATE OF CALIFORNIA
STATE LANDS COMMISSION
LEO T. McCARTHY, *Lieutenant Governor*
GRAY DAVIS, *Controller*
THOMAS W. HAYES, *Director of Finance*

PETE WILSON, *Governor*
EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814
CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 556

File: W 24671

SCH No.: 91052078

Project Title:	Bassett -- Authorization of One Existing Buoy
Proponents:	Barbara B. Bassett
Project Location:	Lake Tahoe, 2710 West Lake Blvd., APN 85-030-14, Placer County.
Project Description:	Authorization of continued placement and use of one existing mooring buoy.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: W 24671

I. BACKGROUND INFORMATION

A. Applicant: Barbara Bassett — George Bassett - Agent
519 Miner Road — c/o Better Homes Realty
Orinda, CA 94563 — 1338 Tice Valley Boulevard
Walnut Creek, CA 94595

B. Checklist Date: 05 / 06 / 91

C. Contact Person: Jacques Graber

Telephone: (916) 323-7209

D. Purpose: Authorization of continued placement of one mooring buoy waterward of applicants' property.

E. Location: Upland address of 2710 W. Lake Blvd. APN 85-030-14, Placer County

F. Description: Authorization of continued placement and use of one mooring buoy in Lake Tahoe.

G. Persons Contacted:

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?			X
2. Disruptions, displacements, compaction, or overcovering of the soil?		X	
3. Change in topography or ground surface relief features?			X
4. The destruction, covering, or modification of any unique geologic or physical features?			X
5. Any increase in wind or water erosion of soils, either on or off the site?			X
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?			
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?			X

CALENDAR PAGE [illegible]

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

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J. *Risk of Upset.* Does the proposal result in

	Yes	Maybe	No
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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☒	☐

CALENDAR PAGE
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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?	☐	☐	X
2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?	☐	☐	X
3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?	☐	☐	X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐	☐	X

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

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

[X] 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: 09 16 /91

For the State Lands Commission

MINUTE PAGE 2335

BASSETT BUOY
PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 2710 W. Lake Blvd. in Tahoe City, Placer County.

The upland portion of the parcel consists of a low bluff approximately five feet above HWL. A small scarp separates the upland from a moderately sloping sandy to gravelly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. The site is categorized as "mixed coniferous forest" on the Tahoe Shorezone Assessment (February, 1978).

A small 10 to 15 inch stone wall is constructed at the foot of the low escarpment.

The lakebed at the parcel slopes gently waterward. Substrate consists of gravel and cobbles around three inches and larger.

Several buoys and piers are located in the vicinity of the applicant's parcel. Approximately eight buoys are located in the general buoy field. Two piers are located approximately 50 feet and 100 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

BASSETT BUOY
DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of one existing mooring buoy. This buoy will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoy will employ a concrete anchor block which rests on the bottom substrate. The block may cover approximately two square feet of lakebottom, thus removing it from accessibility to bottom dwelling organisms. The block is not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the block. Impacts will be minimal.

A.3. Topography

The block anchoring the buoy is placed directly on the surface of the lake bottom. Its size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor block will not affect the lakebottom or unique features. The buoy is in place and will not be a new impact.

A.5. Erosion

The anchor block is placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The block is in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor block. The impact will be negligible.

A.7. Geologic Hazards

The block and buoy are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoy is placed manually from a boat and rests directly on the lakebed. No special excavations are required. No emissions will result from its placement as it is already in place.

B.2. Odors

The buoy is used for mooring purposes and creates no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off from it. The impact is negligible.

B.3. Air Alterations

The buoy and anchor block remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoy and anchor block are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The buoy and anchor block are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoy and anchor block are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoy and anchor block are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoy and block are placed such that the block rests on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoy, placed on the lakebed will not penetrate the bottom and affect ground water flows.

C.7. Groundwater, Quantity

The buoy and anchor block rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor block and buoy will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoy and anchor block are less than four cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

There are no known thermal springs in the vicinity of the project. There will be no impacts.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and capable of supporting sessile plants. The anchor block and chain can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The buoy and block are placed approximately 100 feet from shore (MLLW) in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor block and buoy afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chain and concrete block could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor block and buoy could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assembly for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assembly is small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assembly serves to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The buoy assembly is currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoy has no whistles or bells for navigational aids. There will be no increases in noise levels.

F.2. Severe Noise

The buoy will not generate noise itself. The only noise impacts may arise from the boat moored at the buoy. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoy will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoy is located on a shore with many other buoys and piers. There will not be a newly introduced use for this location to alter local use patterns. Adjacent buoys are approximately 100 feet to either side of the applicant's buoy with two adjacent piers 75 feet and 115 feet from the buoy.

I.1. Resource Use

The buoy will not increase resource depletion or loss of non-renewable resources. Recreational boats are the only craft to be moored at the buoy.

J.1. Explosion

The project involves authorization of one existing mooring buoy with its attendant anchor block and chain. No hazardous chemicals or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The one mooring buoy is currently in place. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The mooring buoy will not affect the population density or growth patterns in that area. It is intended for private use by the applicant for mooring of a recreational vessel. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoy is intended for use by the applicant whose property is located 225 to 300 feet west. No new housing will be constructed in association with the buoy.

M.1. Vehicular Movement

The authorized buoy is intended for the applicant's private use. No new vehicular traffic will result from the use of this buoy.

M.2. Parking

The authorized buoy is intended for the applicant's private use. New parking facilities will not be created or associated with its use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoy is intended for use by the applicant only.

M.4. Circulation

The buoy is located with several existing buoys in Lake Tahoe. It will not affect land or water traffic circulation.

M.5. Traffic

The buoy is located in an existing row of buoys at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoy is located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for one existing mooring buoy intended for private use by the applicant. The buoy will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoy will not require use of energy for navigational aids. There will be no impact.

O.2. New Energy

The buoy will use no energy in its implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoy will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoy consists of a hollow plastic float, chain and a concrete anchor block. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The buoy will be placed with several other buoys. The presence of serveral buoys and moored boats creates an impact upon views from the shore. The impact will not be new. The addition or removal of one buoy will not create a significant impact on the present view status.

S.1. Recreation

The buoy will not create a new impact upon recreation in this area. The existing buoys generally impact water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The buoy is located with several other buoys along the shore approximately 100 to 150 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoy will have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

The buoy is a small, passive fixture which can be removed. It will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

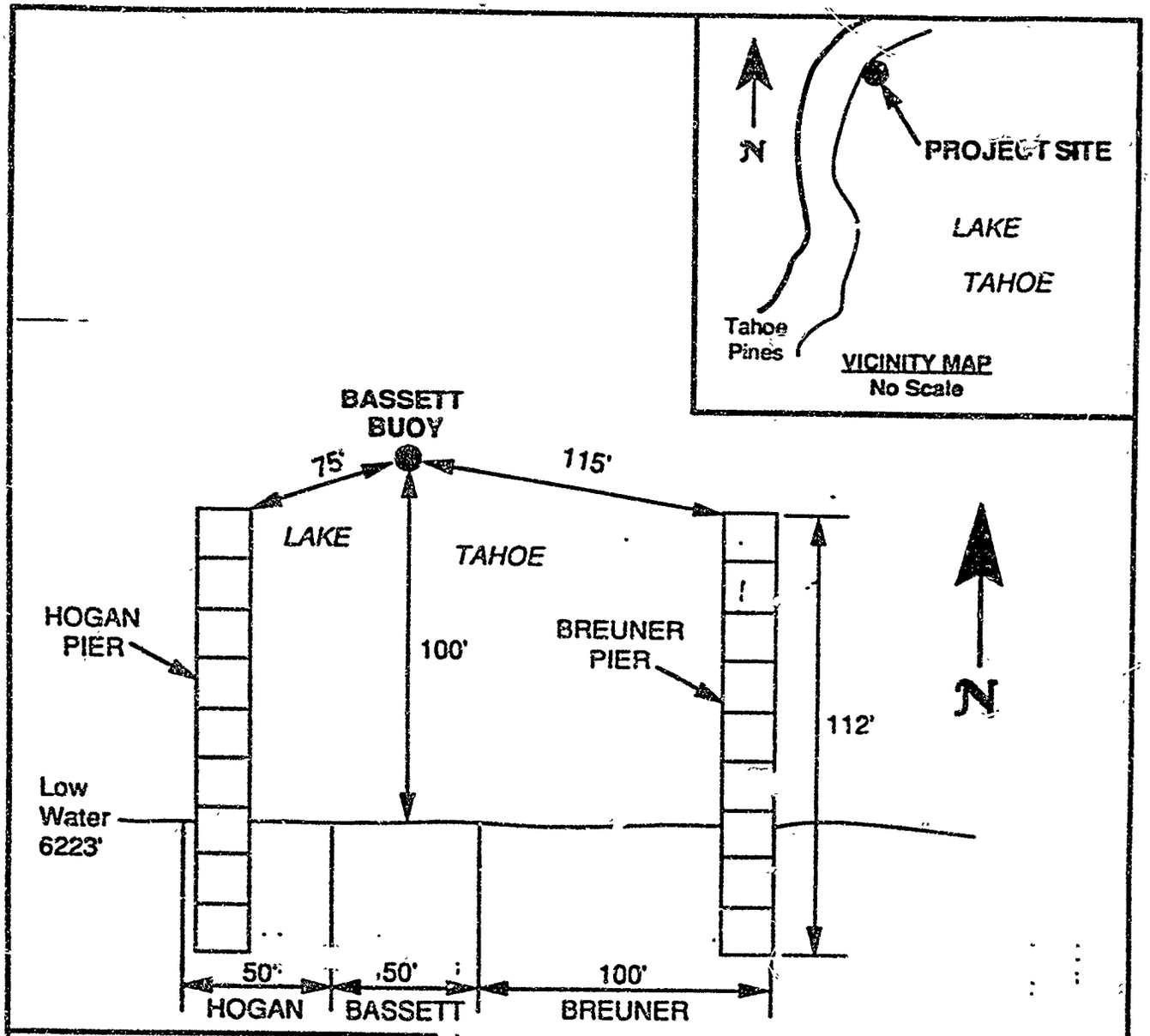
The impacts created by the buoy are negligible and will not cause impacts of advantage or disadvantage to environmental values.

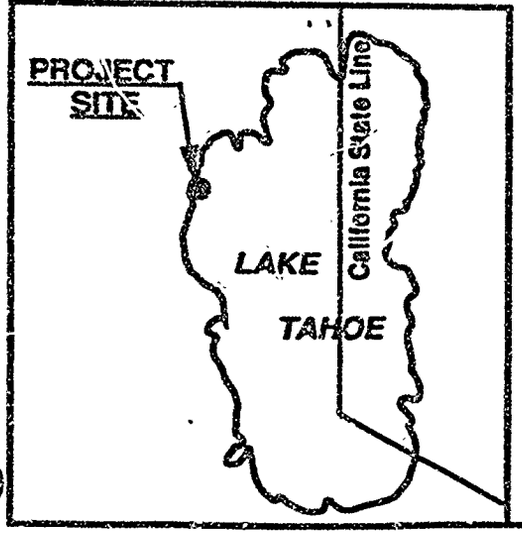
U.3. Cumulative Impacts

The buoy is one of a group of buoys along the shore with several piers. The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue. The addition of this buoy will add to the cumulative impacts of this buoy field. Because of the current number of buoys in the field and the fact that these are currently in place, authorizing of the mooring buoy will not create a significant impact on the viewshed.

U.4. Adverse Impacts

The accumulation of several buoys in a field including the applicant's buoy may contribute to visual impacts, but the impact should be negligible. There will not be a significant adverse impact on humans.





No Scale

W24671

APPLICATION FOR EXISTING MOORING BUOY AT LAKE TAHOE
Applicant
BARBARA BASSETT

CALENDAR ITEM 72

MINUTE PAGE 2349

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 95814

CHARLES WARREN
Executive Officer

April 10, 1991
File Ref.: WP 3551
EIR ND: 549

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION (SECTION 15073 CFR)

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 May 11, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

CALENDAR PAGE 73
MINUTE PAGE 2349

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 95814

CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 549

File: WP 3551

SCH No.: 91042039

Project Title:	Miller/Shurtleff -- Authorization of Two Existing Mooring Buoys
Proponents:	G. Willard Miller and Nancy Shurtleff
Project Location:	Lake Tahoe, Meeks Bay, approximately 150 feet waterward of applicants' pier, APN 016-300-101, El Dorado County.
Project Description:	Authorization of two existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/ X / 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 3551

I. BACKGROUND INFORMATION

A. Applicant: G. Willard Miller/ Nancy Shurtleff — AGENT: Vail Corp
30 Las Cascadas Road — P.O. Box 879
Orinda, CA 94363 — Tahoe City, CA 95730

B. Checklist Date: 2 / 7 / 91

C. Contact Person: Jacques A. Graber

Telephone: (916) 323-7209

D. Purpose: Authorization of two existing mooring buoys located approximately 150 feet waterward of applicants' pier in Lake Tahoe.

E. Location: Upland address: 235 Drum Road, Meeks Bay, CA. West shore of Lake Tahoe
T14N R17E SEC 20 M.D.M.

F. Description: Two buoys secured by metal chain and held fast to the lake bottom by concrete block anchors.

G. Persons Contacted:

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☒	☐
3. Change in topography or ground surface relief features?	☐	☐	☒
4. The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
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 channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☐	☒
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

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MINUTE PAGE

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

CALENDAR 2352

	Yes	Maybe	No
J. *Risk of Upset.* 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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☒	☐

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	Yes	Maybe	No
T. *Cultural Resources.*			
1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?	☐	☐	X
2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?	☐	☐	X
3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?	☐	☐	X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐	☐	X
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?	☐	☐	X
2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	☐	☐	X
3. Does the project have impacts which are indivicually limited, but cumulatively considerable?	☐	☐	X
4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	X

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments 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: 2 / 25. /91

For the State Lands Commission

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DISCUSSION OF ENVIRONMENTAL EVALUATION
MILLER-SHURTLEFF BUOYS

A.2. Overcovering Soil

The two existing mooring buoys cover a small portion of the lake bottom. Each buoy utilizes a concrete anchor block approximately two square feet in bottom area. These blocks, placed on the lake bed will cover that portion of substrate upon which they rest. This impact would be considered insignificant as the buoys are in place already.

C.5. Turbidity

The placement of a buoy may have created an episode of turbidity as the anchor made contact with the lake bottom. Such an event would be brief. In this case, the buoys are already in place and should not create such an event. Only if the anchors were moved, either by intent or shifting from winds pulling a moored boat and its attendant buoy, would turbidity occur. Such an impact would be negligible.

D.1. Plant Species

The buoys may create a minor change in plant species. If the bottom is a sandy substrate, introducing a concrete anchor could introduce an environment for sessile aquatic plants to colonize. Such an impact would be minor, also colonization should have occurred as the buoys are already in place. The lake bottom in this location is both cobble and sand.

E.1. Animal Species

The buoys as mentioned in D.1. could introduce new plant species into an otherwise unpopulated substrate. This in turn could attract grazing organisms to the newly colonized anchor, taking up residence at the site. Such an impact would be minor.

M.5. The two mooring buoys affect waterborne traffic patterns. Boats moving closer toward shore might have to avoid the buoys and their attendant boats to avoid collision or propeller fouling.

Ski boats and faster moving boats might have to pass farther from the buoys to avoid injury to the skiers or collision.

Trolling activities will have to be conducted farther from shore to avoid fouling lines on anchor chains or the applicants' pier. This would include top line and deep trolling. These impacts will not be new as the buoys are already in place.

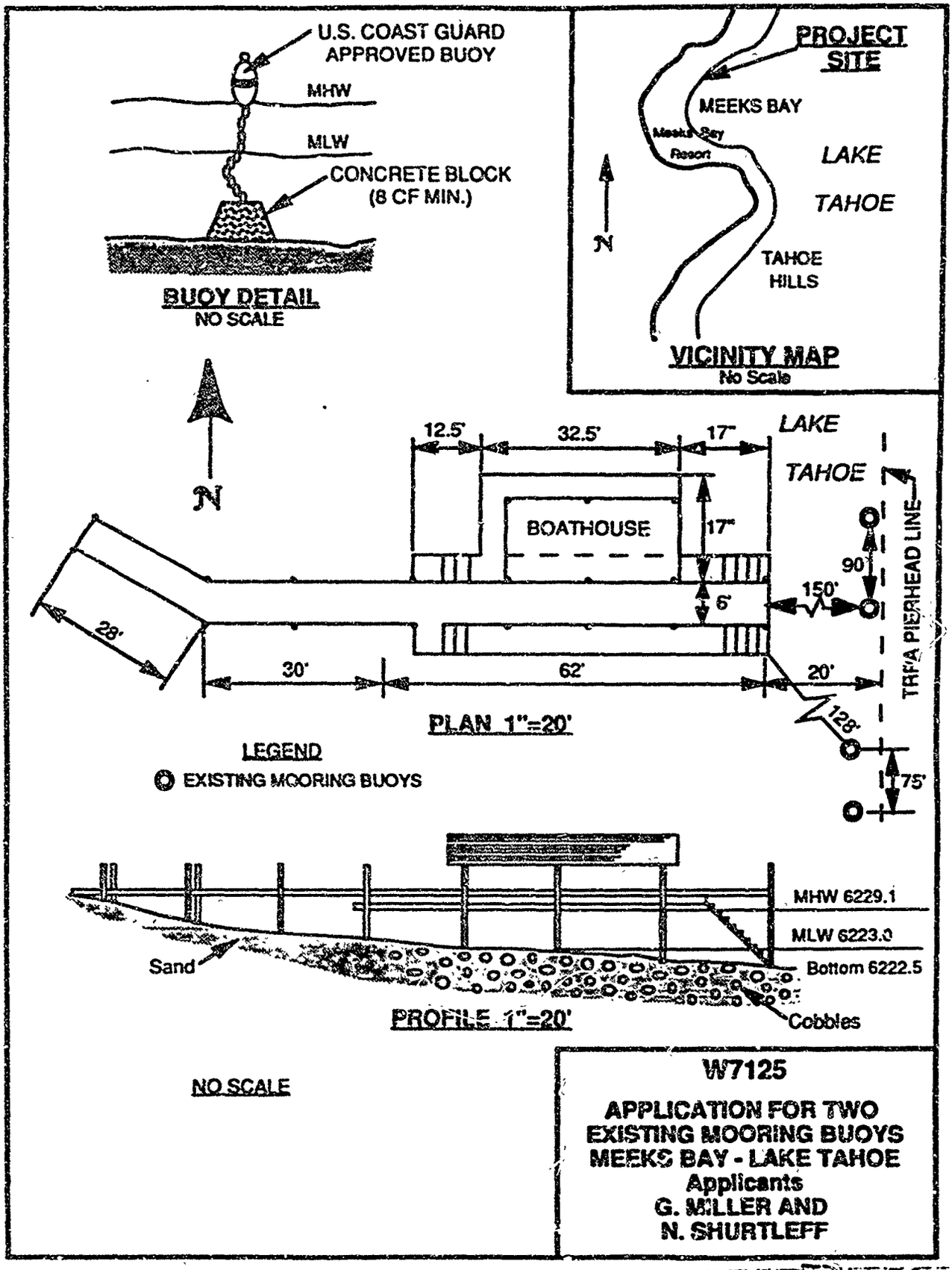
R.1. Aesthetics

The two mooring buoys create an impact upon the aesthetics and scenic vista. The buoys are small, blue and white, and float on the water's surface. The impact of the two buoys will be noticeable to persons viewing from shore, boats moored at these buoys will create an added visual impact. Studies indicate the general public is often displeased with buoys and their impacts. This impact will be offset by the added presence of the adjacent pier, who's larger mass will draw attention from the buoys.

Most viewing in this area will be by the applicants and adjacent property owners. Public impacts will be minimal except from boat passengers and public on the beach. The impacts will be small. The impact will not be new as the buoys are existing, already in place.

S.1. Recreation

The buoys will impact recreation by affecting to a minor degree, trolling and water skiing activities in the area. Other recreation will not be affected as the buoys are adjacent to private property.



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CALENDAR ITEM

MINUTE PAGE 2357

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 95814

CHARLES WARREN
Executive Officer

May 21, 1991
File Ref.: WP 3557
EIR ND: 552

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION
(SECTION 15073 CFR)

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 21, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7209.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

CALENDAR PAGE 82
MINUTE PAGE 2355

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 95814

CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 552

File: WP 3557

SCH No.: 91052072

Project Title:	Breuner/Grebitus -- Authorization of Four Existing Buoys
Proponents:	William R. Breuner/Edwin A. Grebitus, Jr.
Project Location:	Lake Tahoe, 4920-4930 West Lake Blvd., APNs 097-100-14, 21 & 22, Homewood, Placer County.
Project Description:	Authorization of four existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: PRC 3557

I. BACKGROUND INFORMATION

A. Applicant: William R. Breuner/Edwin A. Grebtus Jr. — Vail Engineering
1470 Maria Lane — P.O. Box 879
Walnut Creek, CA 95730 — Tahoe city, CA 95730
Attn: Kevin Agan

B. Checklist Date: 05 / 20 / 91

C. Contact Person: Jacques Graber
Telephone: (916) 323-7209

D. Purpose: Authorize continued placement and use of four mooring buoys.

E. Location: 4920 West Lake Blvd., APN 097-100-14 and 097-100-21, Lake Taoe, Placer County, CA

F. Description: Authorize continued placement and use of four existing mooring buoys.

G. Persons Contacted:

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

A. *Earth.* Will the proposal result in:

	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☒	☐
3. Change in topography or ground surface relief features?	☐	☐	☒
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
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 channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☒	☐
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, gro[illegible] failure, or similar hazards?	☐	☐	☒

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

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J. *Risk of Upset.* Does the proposal result in

	Yes	Maybe	No
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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1 The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1 Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☒	☐

CALENDAR ITEM NO. 2362

	Yes	Maybe	No
T *Cultural Resources.*			
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)*

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: 05/ 20 / 91

For the State Lands Commission

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MINUTE PAGE

BREUNER/GREBTUS BUOY

PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 4920-4930 W. Lake Blvd. northerly of Homewood, in Placer County.

The upland portion of the parcel consists of a low bluff approximately three feet above HWL. A small scarp separates the upland from a gently sloping cobbly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. the site is categorized as "Riparian" on the Tahoe Shorezone Assessment (February, 1978).

A small 18 to 20 inch stone wall is constructed at the foot of the low escarpment.

The lakebed at the parcel slopes gently waterward. Substrate consists of cobbles and boulders six inches and larger mixed with gravel. Sandy, silty bottom is found at MLLW.

Two buoy fields are located in the vicinity of the applicant's parcel. Approximately twenty buoys are located in the general buoy field. Two piers are located approximately 200 feet and 150 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

BREUNER/GREBTUS BUOY

DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of four existing mooring buoys. These will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoys will employ concrete anchor blocks which rest on the bottom substrate. Each block may cover approximately two square feet of lakebottom. About eight square feet of lakebottom will be covered, thus removing it from accessibility to bottom dwelling organisms. The blocks are not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the blocks. Impacts will be minimal.

A.3. Topography

The blocks anchoring the buoys are placed directly on the surface of the lake bottom. Their size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor blocks will not affect the lakebottom or unique features. The buoys are in place and will not be a new impact.

A.5. Erosion

The anchor blocks are placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The blocks are in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor blocks. The impact will be negligible.

A.7. Geologic Hazards

The blocks and buoys are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoys are placed manually from a boat and rest directly on the lakebed. No special excavations are required. No emissions will result from their placement as they are already in place.

B.2. Odors

The buoys are used for mooring purposes and create no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off from them. The impact is negligible.

B.3. Air Alterations

The buoys and anchor blocks remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoys and anchor blocks are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The two buoys and anchor blocks are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoys and anchor blocks are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoys and anchor blocks are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoys and blocks are placed such that the blocks rest on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoys, placed on the lakebed will not penetrate the bottom and affect

ground water flows.

C.7. Groundwater, Quantity

The buoys and anchor blocks rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor blocks and buoys will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoys and anchor blocks are less than eight cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

The blocks and buoys are placed in Lake Tahoe and will not affect nearby thermal springs.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and gravelly/sandy and capable of supporting sessile plants. The anchor blocks and chains can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The four buoys and blocks are placed approximately 75, 90, 120 and 160 feet from shore in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor blocks and buoys afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chains and concrete blocks could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor blocks and buoys could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assemblies for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assemblies are small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assemblies serve to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The four buoy assemblies are currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoys have no whistles or bells for navigational aids. There will be no increases in noise levels.

F.2. Severe Noise

The buoys will not generate noise themselves. The only noise impacts may arise from the boats moored at the buoys. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoys will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoys are located near two existing clusters of buoys. There will not be a newly introduced use for this location to alter local use patterns. Adjacent buoys are approximately 150 feet north and 200 feet south of the applicant's pier.

I.1. Resource Use

The four buoys will not increase resource depletion or loss of non-renewable resources. Recreational boats are the only craft to be moored at these buoys.

J.1. Explosion

The project involves authorization of four existing mooring buoys with attendant anchor blocks and chains. No hazardous chemical or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The four existing mooring buoys are near two established clusters of buoys. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The four mooring buoys will not affect the population density or growth patterns in that area. They are intended for private use by the applicant for mooring of recreational vessels. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoys are intended for use by the applicant whose property is located 225 to 300 feet west. No new housing will be constructed in association with the buoys.

M.1. Vehicular Movement

The authorized buoys are intended for the applicant's private use. No new vehicular traffic will result from the use of these buoys.

M.2. Parking

The authorized buoys are intended for the applicants' private use. New parking facilities will not be created or associated with their use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoys are intended for use by the applicants only.

M.4. Circulation

The four buoys are located near existing clusters of buoys in Lake Tahoe. They will not affect land or water traffic circulation.

M.5. Traffic

The buoys are located near existing clusters of buoys at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoys are located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for four existing mooring buoys intended for private use by the applicants. The buoys will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoys will not require use of energy for navigational aids. There will be no impact.

O.2. New Energy

The buoys use no energy in their implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoys consist of four hollow plastic floats, chain and four concrete anchor blocks. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The buoys will be placed with several other buoys and adjacent piers. The presence of several buoys and moored boats creates an impact upon views from shore. The impact will not be new. The addition or removal of the four buoys will not create a significant impact on the present view status.

S.1. Recreation

The four buoys will not create a new impact upon recreation in this area. The buoy field generally impacts water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The four buoys are located with several other buoys approximately 190 to 300 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoys will have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

The buoys are small, passive fixtures which can be removed. They will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

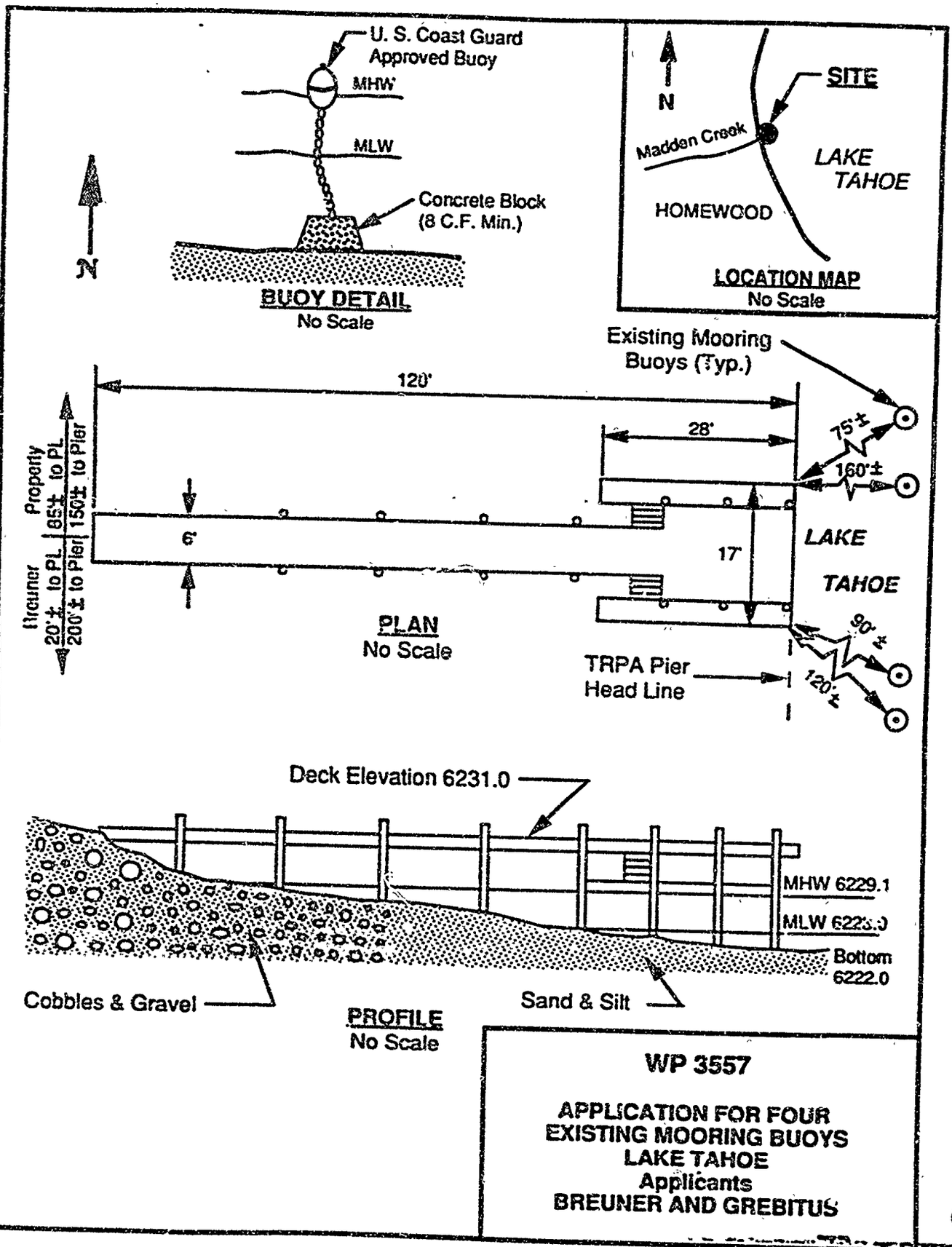
The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

U.3. Cumulative Impacts

The buoys are four of a group of buoys in a "field". The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue. Tests conducted showed up to 58% disapproval of boats greater than seven closely spaced at mooring buoys. The addition of these buoys will add to the cumulative impacts of this buoy field. Because of the current number of buoys in the field and the fact that these are currently in place, authorizing of the four mooring buoys will not create a significant impact on the viewshed.

U.4. Adverse Impacts

The accumulation of several buoys in a field including the applicants' four buoys may contribute to the visual impacts, but the added impact should be negligible. There will not be a significant adverse impact on humans.


U. S. Coast Guard
Approved Buoy
MHW
MLW
Concrete Block
(8 C.F. Min.)
N
BUOY DETAIL
No Scale
N
SITE
Madden Creek
LAKE
TAHOE
HOMEWOOD
LOCATION MAP
No Scale
Existing Mooring
Buoys (Typ.)
120'
28'
75'±
160'±
Property
85'± to PL
150'± to Pier
Breuner
20'± to PL
200'± to Pier
6'
17'
LAKE
TAHOE
PLAN
No Scale
90'±
120'±
TRPA Pier
Head Line
Deck Elevation 6231.0
MHW 6229.1
MLW 6223.0
Bottom
6222.0
Cobbles & Gravel
Sand & Silt
PROFILE
No Scale
WP 3557
APPLICATION FOR FOUR
EXISTING MOORING BUOYS
LAKE TAHOE
Applicants
BREUNER AND GREBITUS

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 95814

CHARLES WARREN
Executive Officer

May 21, 1991
File Ref.: WP 7130
EIR ND: 553

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION
(SECTION 15073 CFR)

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 21, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 323-7208.

JACQUES GRABER
Division of Environmental
Planning and Management

Attachment

CALENDAR PAGE 104
MINUTE PAGE 2380

STATE OF CALIFORNIA

STATE LANDS COMMISSION

LEO T. McCARTHY, *Lieutenant Governor*
GRAY DAVIS, *Controller*
THOMAS W. HAYES, *Director of Finance*

PETE WILSON, *Governor*

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814

CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND: 553

File: WP 7130

SCH No.: 91052071

Project Title:	Winton -- Authorization of Two Existing Buoys
Proponents:	Charles J. Winton III
Project Location:	Lake Tahoe, 4790 West Lake Blvd., APN 097-075-18, Placer County.
Project Description:	Authorization of two existing mooring buoys.
Contact Person:	Jacques Graber Telephone: 916/323-7209

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:

/X/ 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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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 7130

I. BACKGROUND INFORMATION

A. Applicant: Charles Winton III — Brisco Enterprises
110 Lyford Drive — P.O. Box 7468
Tiburon, CA 94920 — Tahoe city, CA 95730
Attn: Jan Brisco

B. Checklist Date: 05/ 20 / 91

C. Contact Person: Jacques Graber

Telephone: (916) 323-7209

D. Purpose: Authorize placement of two existing mooring buoys

E Location: West shore, Lake Tahoe, McKinney Bay near Homewood, CA 4790 W. Lake Blvd.
APN 97-075-04

F. Description: Authorize continued placement and use of two mooring buoys at applicant s upland address.

G. Persons Contacted:

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

A. *Earth.* Will the proposal result in:	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☒	☐
3. Change in topography or ground surface relief features?	☐	☐	☒
4 The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
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 channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☒	☐
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

B. *Air.* Will the proposal result in:

1. Substantial air emmissions or deterioration of ambient air quality?	☐	☐	☒
2. The creation of objectionable odors?	☐	☐	☒
3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	☐	☐	☒

C. *Water.* Will the proposal result in:

1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	☐	☐	☒
2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	☐	☐	☒
3. Alterations to the course or flow of flood waters?	☐	☐	☒
4. Change in the amount of surface water in any water body?	☐	☐	☒
5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	☐	☒	☐
6. Alteration of the direction or rate of flow of ground waters?	☐	☐	☒
7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	☐	☐	☒
8. Substantial reduction in the amount of water otherwise available for public water supplies?	☐	☐	☒
9. Exposure of people or property to water-related hazards such as flooding or tidal waves?	☐	☐	☒
10. Significant changes in the temperature, flow or chemical content of surface thermal springs?	☐	☐	☒

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)?	☐	☒	☐
2. Reduction of the numbers of any unique, rare or endangered species of plants?	☐	☐	☒
3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	☐	☐	☒
4. Reduction in acreage of any agricultural crop?	☐	☐	☒

E. *Animal 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)?	☐	☒	☐
2. Reduction of the numbers of any unique, rare or endangered species of animals?	☐	☐	☒
3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	☐	☒	☐
4. Deterioration to existing fish or wildlife habitat?	☐	☐	☒

F. *Noise.* Will the proposal result in:

1. Increase in existing noise levels?	☐	☐	☒
2. Exposure of people to severe noise levels?	☐	☐	☒

G. *Light and Glare.* Will the proposal result in:

1. The production of new light or glare?	☐	☐	☒

H. *Land Use.* Will the proposal result in:

1. A substantial alteration of the present or planned land use of an area?	☐	☐	☒

I. *Natural Resources.* Will the proposal result in:

1. Increase in the rate of use of any natural resources?	☐	☐	☒
2. Substantial depletion of any nonrenewable resources?	☐	☐	☒

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	Yes	Maybe	No
J. *Risk of Upset* Does this 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?	☐	☐	☒
2 Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1 The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in.			
1 Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in.			
1. Generation of substantial additional vehicular movement?	☐	☐	☒
2 Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
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 altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* 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?	☐	☒	☐
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

	Yes	Maybe	No
T. *Cultural Resources.*			
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)*

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: 05 / 20 / 91

For the State Lands Commission

WINTON BUOY

PROJECT DESCRIPTION

The project is located on the west shore of Lake Tahoe at the applicant's upland address of 4790 W. Lake Blvd. northerly of Homewood, in Placer County.

The upland portion of the parcel consists of a low bluff approximately five feet above HWL. A small scarp separates the upland from a gently sloping sandy to gravelly upper beach. The upland has been cleared of natural vegetation except for larger trees and shrubs. A house is constructed on the upland. the site is categorized as "Riparian" on the Tahoe Shorezone Assessment (February, 1978).

The lakebed at the parcel slopes gently waterward. Substrate consists of cobbles and boulders six inches and larger.

A 110 foot long wood pier projects from the applicant's property into Lake Tahoe. The two buoys are located approximately 80 and 150 feet waterward of the pier. Two piers are located approximately 150 feet to either side of the applicant's property.

The shorezone is open and affords no inlets or features for shelter for fish. The site has been identified as a spawning area by the California Department of Fish and Game.

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WINTON BUOY

DISCUSSION OF ENVIRONMENTAL IMPACT ASSESSMENT

A.1. Earth Conditions

The project involves authorization of placement of two existing mooring buoys. These will not alter any ground features or create unstable conditions.

A.2. Overcovering Soil

The buoys will employ concrete anchor blocks which rest on the bottom substrate. Each block may cover approximately two square feet of lakebottom. About four square feet of lakebottom will be covered, thus removing it from accessibility to bottom dwelling organisms. The blocks are not heavy enough to cause significant compaction and will not prohibit burrowing organisms from inhabiting the substrate beneath the blocks. Impacts will be minimal.

A.3. Topography

The blocks anchoring the buoys are placed directly on the surface of the lake bottom. Their size and weight will not modify the lakebottom features. Impacts will be minimal.

A.4. Unique Features

The lakebed in the area is flat and lacks unique features. The anchor blocks will not affect the lakebottom or unique features. The buoys are in place and will not be a new impact.

A.5. Erosion

The anchor blocks are placed directly on the lakebed surface. No excavations or regrading are required which might upset bottom profiles and cause erosion. No impacts will occur.

A.6. Siltation

The blocks are in place on a relatively level lakebed. No major currents are in the area to move sediments. Over time a prevailing current could move silt to collect to the side of the anchor blocks. The impact will be negligible.

A.7. Geologic Hazards

The blocks and buoys are placed directly on the lakebottom. Their size, etc. will not induce seismic instabilities or ground failures. No impacts are expected.

B.1. Emissions

The mooring buoys are placed manually from a boat and rest directly on the lakebed. No special excavations are required. No emissions will result from their placement as they are already in place.

B.2. Odors

The buoys are used for mooring purposes and create no emissions or odors. Exhaust emissions would result only from powerboats mooring or casting-off from them. The impact is negligible.

B.3. Air Alterations

The buoys and anchor blocks remain in the lake. They will not create impacts which would alter air characteristics in any way.

C.1. Currents

The buoys and anchor blocks are small, less than four cubic feet in volume. Their placement will not affect currents or water movements.

C.2. Runoff

The two buoys and anchor blocks are placed in the body of Lake Tahoe. They will not affect surface water drainage patterns, etc.

C.3. Flood Waters

The buoys and anchor blocks are placed in Lake Tahoe. They will not affect flood waters from streamflows.

C.4. Surface Water

The buoys and anchor blocks are placed in the body of Lake Tahoe. Their volume will not affect the surface water volume of the lake.

C.5. Turbidity

The buoys and blocks are placed such that the blocks rest on the surface of the lakebed. Turbidity could result from a buoy block being dragged across the bottom during high winds with a boat moored to the buoy. This impact would be negligible.

C.6. Ground Waters, Flows

The buoys, placed on the lakebed will not penetrate the bottom and affect

ground water flows.

C.7. Groundwater, Quantity

The buoys and anchor blocks rest directly on the substrate surface. They will not penetrate the lakebed and affect groundwater supply.

C.8. Water Supplies

The anchor blocks and buoys will not be used as water acquisition facilities. The water supply at Lake Tahoe will not be impacted.

C.9. Flooding, Etc.

The buoys and anchor blocks are less than four cubic feet in volume and will not cause a situation leading to flooding. There will be no impact.

C.10. Thermal Springs

The blocks and buoys are placed in Lake Tahoe and will not affect nearby thermal springs.

D.1. Plant Species Diversity

The lakebottom at this location is cobbly and capable of supporting sessile plants. The anchor blocks and chains can serve as substrate for aquatic plants. The impact would be negligible.

D.2. Endangered Species

The buoys and blocks are placed approximately 190-340 feet from shore in Lake Tahoe. The impact to aquatic species is negligible. There will be no impact to the plant species Rorippa subumbellata Roll. (Tahoe Yellow Cress) as the project is in the lake and not on an upland site which could be identified as Rorippa habitat.

D.3. Introduction of Plants

The anchor blocks and buoys afford a hard substrate for sessile aquatic plants to grow. The mineral nature of the chains and concrete blocks could encourage a new plant species to populate this area. The impact would be negligible.

D.4. Agricultural Crops

The buoys and anchor blocks are located in Lake Tahoe. No agriculture or aquaculture are carried out in this area. There will be no impact.

E.1. Species Diversity

The anchor blocks and buoys could affect the entry into the lakebottom by burrowing organisms. Fish and benthic organisms could be attracted by the buoy assemblies for grazing. The impacts would be negligible.

E.2. Rare Species

The buoy assemblies are small and create a minimal impact. There should be no reduction in rare species.

E.3. New Species

The buoy assemblies serve to moor small boats. No species introductions are expected from this activity. Certain grazing fish might move into the area for feeding but this impact would be negligible.

E.4. Habitat Deterioration

The two buoy assemblies are currently in place in Lake Tahoe. The impacts, if any, are already present. The impacts will be negligible.

F.1. Noise Increases

The buoys have no whistles or bells for navigational aids. There will be no

increases in noise levels.

F.2. Severe Noise

The buoys will not generate noise themselves. The only noise impacts may arise from the boats moored at the buoys. Such noise periods would be brief and negligible.

G.1. Light and Glare

The buoys will not be furnished with lighting for navigation. There will be no impacts from light or glare. No reflections will be created from finished surfaces to create reflective glare.

H.1. Land Use

The buoys are located approximately 80 feet and 150 feet waterward of the applicant's 110 foot long pier. There will not be a newly introduced use for this location to alter local use patterns. Adjacent buoys are approximately 150 feet North and 150 feet south of applicant's nearshore buoy.

I.1. Resource Use

The two buoys will not increase resource depletion or loss of non-renewable resources. Recreational boats are the only craft to be moored at these buoys.

J.1. Explosion

The project involves authorization of two existing mooring buoys with attendant anchor blocks and chains. No hazardous chemical or substances will be involved. Mooring of power boats could pose a possible hazard from collision or fire.

J.2. Emergency Plans

The two existing mooring buoys are in an established cluster of buoys. The buoys will not create a new impact upon emergency vessel movements for that area.

K.1. Alter Population

The two mooring buoys will not affect the population density or growth patterns in that area. They are intended for private use by the applicant for mooring of two recreational vessels. There will be no live aboard vessels or increases in local population.

L.1. Housing

The mooring buoys are intended for use by the applicant whose property is located 200 to 300 feet west. No new housing will be constructed in association with the buoys.

M.1. Vehicular Movement

The authorized buoys are intended for the applicant's private use. No new vehicular traffic will result from the use of these buoys.

M.2. Parking

The authorized buoys are intended for the applicants' private use. New parking facilities will not be created or associated with their use.

M.3. Transportation Systems

The proposed project will not introduce new impacts on existing or future transportation systems. The buoys are intended for use by the applican. nly.

M.4. Circulation

The two buoys are presently located 80 and 150 feet waterward of the applicant's pier in Lake Tahoe. They will not affect land or water traffic circulation.

M.5. Traffic

The buoys are located 80 and 150 feet waterward of the applicant's pier at the west shore of Lake Tahoe. The buoys generally will affect boating traffic requiring its movements to waterward, avoiding collision with buoys or moored boats. Waterskiing and fishing must be conducted away from the buoys to avoid injury to skiers or fouling of trolling lines. This impact will not be new but ongoing.

M.6. Hazards

The buoys are located in Lake Tahoe and will not pose a hazard to land transportation such as motor vehicles, bicycles or pedestrians.

N.1-6 Public Services

The buoy authorization is for two existing mooring buoys intended for private use by the applicants. The buoys will not create a new impact on public services including fire and police protection, school and park facilities, road maintenance or other public services. No significant impact will occur.

O.1. Energy Use

The buoys will not require use of energy for navigational aids. There will be

no impact.

O.2. New Energy

The buoys use no energy in their implementation. There will be no impacts on future energy needs.

P.1-6 Utilities

The buoys will not create an impact on utilities services including power, water, sewerage and waste or communications. No impact will occur.

Q.1,2 Health Hazards

The buoys consist of two hollow plastic floats, chain and two concrete anchor blocks. These materials will not pose a health hazard or potential health hazard to humans.

R.1. Views

The buoys are placed with several other buoys. The presence of several buoys and moored boats creates an impact upon views from shore. The impact will not be new. The two buoys do not create a significant impact on the present view status.

S.1. Recreation

The two buoys do not create a new impact upon recreation in this area. The buoys and pier generally impact water skiing, fishing and possibly swimming activities, but this will not be a new impact.

T.1-4 Historic-Ethnic Sites

The two buoys are located waterward of the applicant's pier approximately 190 to 340 feet waterward of the lake shore. There are no archaeologic or ethnic sites in this location. The buoys do have no impacts upon archaeologic, historic or ethnic sites.

U.1. Degradation

The buoys are small, passive fixtures which can be removed. They will not create a permanent impact which could degrade the environment or endanger plant or animal species.

U.2. Environmental Goals

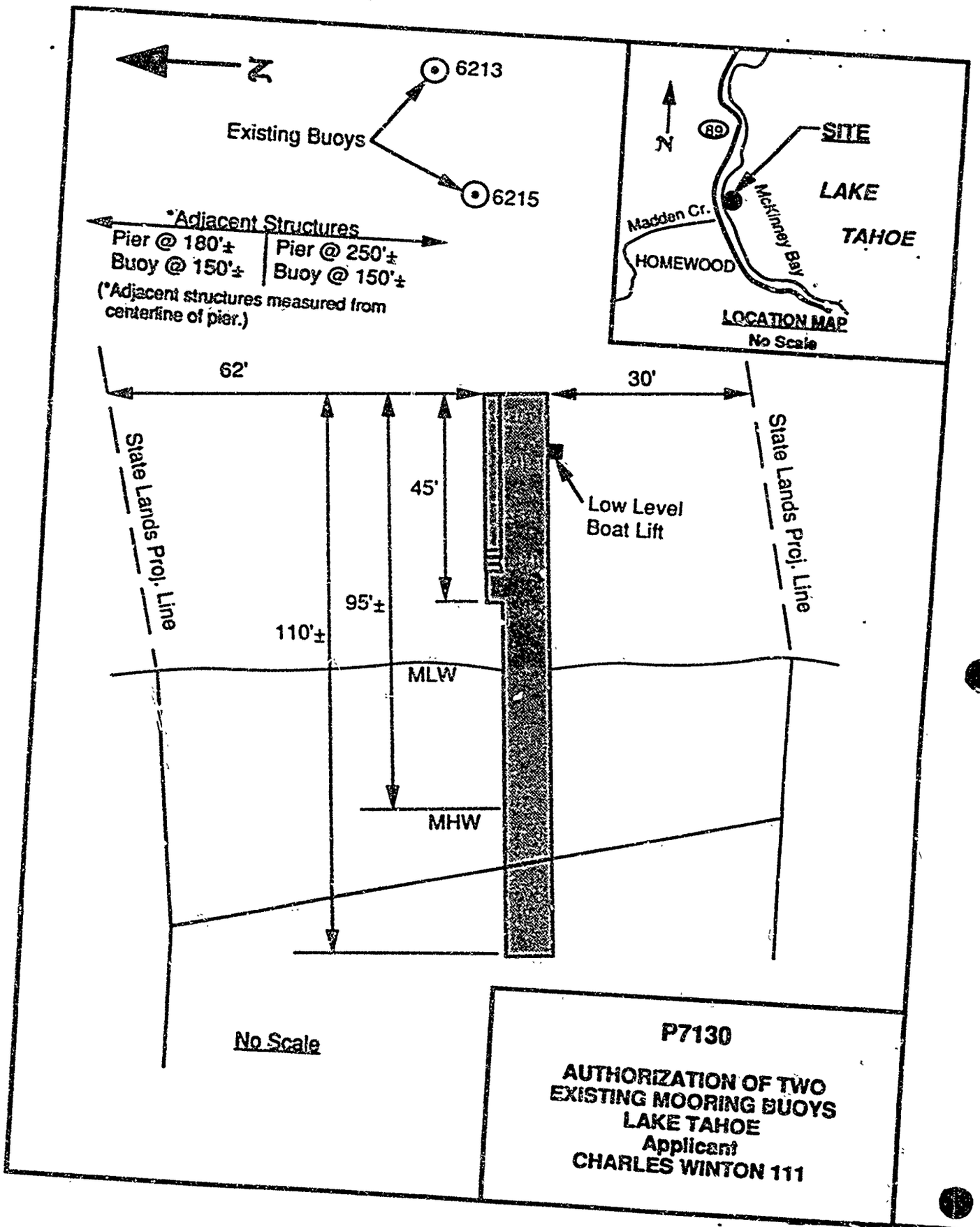
The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

U.3. Cumulative Impacts

The two buoys are located waterward of the applicant's pier. Adjacent piers 150 feet either side of the site also have buoys. The issue of buoys is raised with regard to numbers of buoys especially in groupings. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts upon individual viewers varies regarding the aesthetic issue especially with groups of 5 or more buoys. These buoys will add to the cumulative impacts of buoys generally throughout the lake. Because of the current number of buoys scattered around the lake and the fact that these are currently in place, authorizing of the two mooring buoys will not create a significant impact on the viewshed.

U.4. Adverse Impacts

The accumulation of buoys throughout the lake including the two applicant's buoys may contribute to the visual impacts, but the impact should be negligible. There will not be a significant adverse impact on humans.


N
6213
Existing Buoys
6215
*Adjacent Structures
Pier @ 180'±
Buoy @ 150'±
Pier @ 250'±
Buoy @ 150'±
(*Adjacent structures measured from centerline of pier.)
N
89
SITE
LAKE
TAHOE
Madden Cr.
McKinney Bay
HOMEWOOD
LOCATION MAP
No Scale
62'
30'
State Lands Proj. Line
State Lands Proj. Line
45'
Low Level
Boat Lift
95'±
110'±
MLW
MHW
No Scale
P7130
AUTHORIZATION OF TWO
EXISTING MOORING BUOYS
LAKE TAHOE
Applicant
CHARLES WINTON 111

240