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.

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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

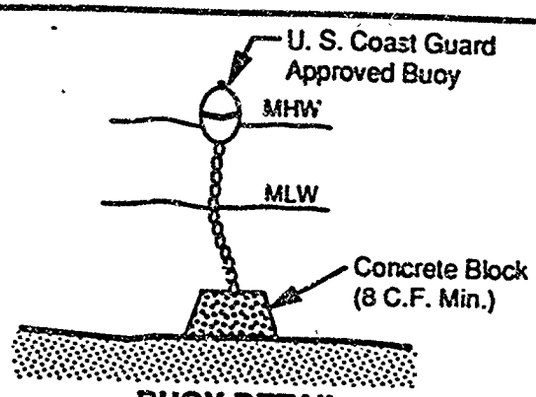
The impacts created by the buoys are negligible and will not cause impacts of advantage or disadvantage to environmental values.

U.3. Cumulative Impacts

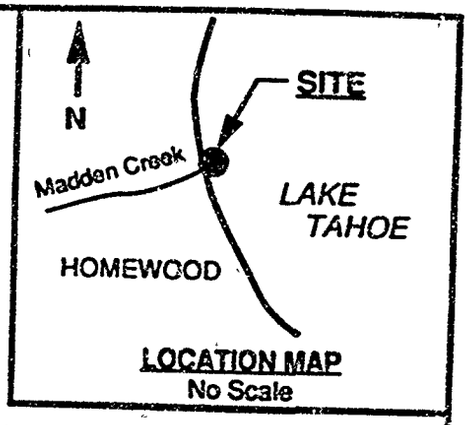
The buoys are four of a group of buoys in a "field". The issue of buoy fields is raised with regard to size of field and numbers of buoys. A single buoy has a lesser impact than 5, 10 or 20 buoys grouped together. The impact of one buoy and its boat is less than a larger grouping. The psychological impacts 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

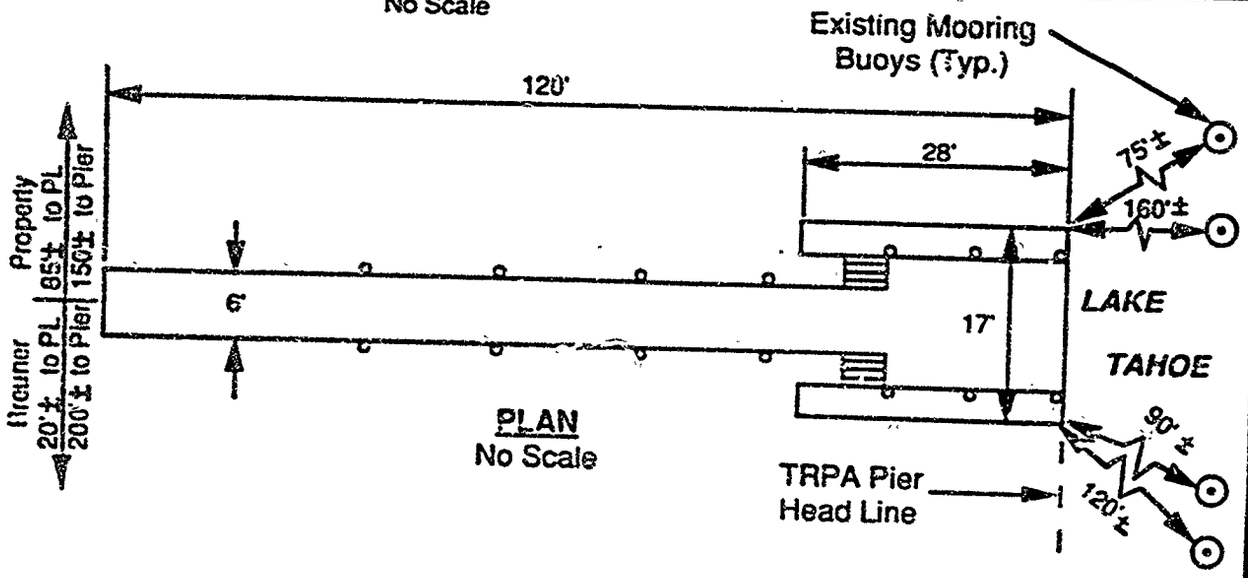
The accumulation of several buoys in a field including the applicants' four buoys may contribute to the visual impacts, but the added impact should be negligible. There will not be a significant adverse impact on humans.



BUOY DETAIL
No Scale



LOCATION MAP
No Scale



PLAN
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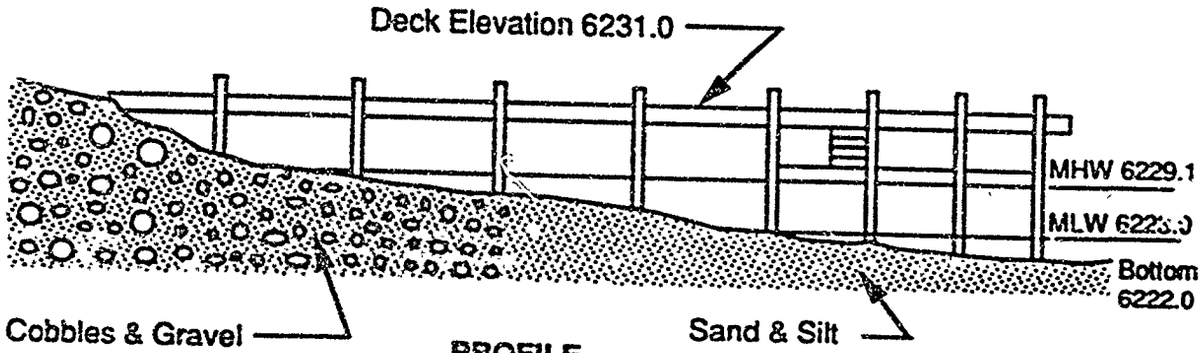

PROFILE
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WP 3557

APPLICATION FOR FOUR EXISTING MOORING BUOYS LAKE TAHOE
Applicants
BREUNER AND GREBITUS

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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

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

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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)

I. BACKGROUND INFORMATION

File Ref.: WP 7130

A. Applicant: Charles Winton III
110 Lyford Drive
Tiburon, CA 94920

Brisco Enterprises
P.O. Box 7468
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?			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

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?	☐	☒	☒

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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?	☐	☐	☐
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 / 20 / 91

For the State Lands Commission

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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.

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

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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

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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

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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

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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

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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 applicant only.

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

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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.

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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.

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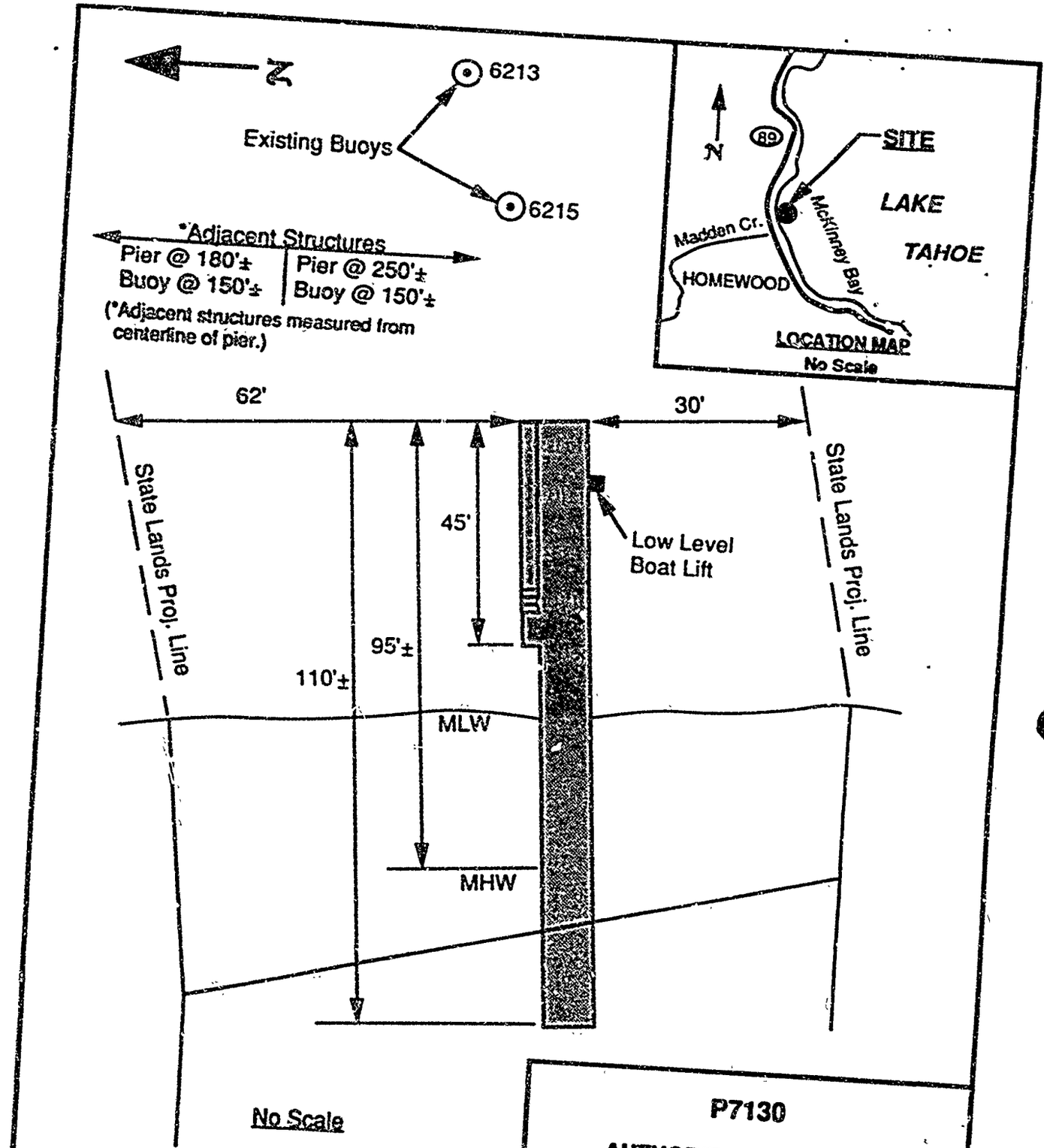
U.3. Cumulative Impacts

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.



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AUTHORIZATION OF TWO EXISTING MOORING BUOYS LAKE TAHOE
Applicant
CHARLES WINTON 111