

**EXHIBIT A
USE PERMIT
COLUSA COUNTY PLANNING COMMISSION**

5-10-10

DATE

UP #09-7-1

PERMIT NO.

015-100-008

ASSESSORS PARCELS NO.

Pursuant to the provisions of the Zoning Ordinance of the County of Colusa and the special conditions set forth below, the Colusa Shooting Club is hereby granted a Use Permit in accordance with the application filed to conduct the operation of a hunting club on AP# s 015-100-008.

Standard Conditions

1. Failure to comply with the conditions specified herein as the basis for approval of application and issuance of this Use Permit, constitutes cause for the revocation of said permit in accordance with the procedures set forth in the Colusa County Zoning Ordinance, including Colusa County Code Section. 7.29.
2. Unless otherwise provided for in a special condition to this Use Permit, all conditions must be completed prior to or concurrently with the establishment of the granted use.
3. Minor changes may be approved administratively by the Directors of Planning and Building (Zoning Administrator), Environmental Health, Public Works, or Fire Chief, or their respective designee upon receipt of a substantiated written request by the applicant. Prior to such approval, verification shall be made by each Department or Division that the modification is consistent with the application fees paid and environmental determination as conditionally approved. Changes deemed to be major or significant in nature shall require a formal application or amendment.
4. The use granted by this permit must be established within 12-months of the delivery of the countersigned permit to the Permittee. If any use for which a Use Permit has been granted is not established within one year of the date of receipt of the countersigned permit by the Permittee, the permit shall become null and void and re-application and a new permit shall be required to establish the use.
5. The terms and conditions of this Use Permit shall run with the land and shall be binding upon and be to the benefit of the heirs, legal representatives, successors and assigns of the Permittee.

Conditions of Approval

Planning and Building

1. The applicant agrees, as a condition of issuance and use of this entitlement, to indemnify and defend the County, at applicant's sole cost and expense, in any claim, action, or proceeding brought against the County within 180-days after the issuance of this entitlement because of, or resulting from, any preliminary approval or actual issuance of this entitlement, or, in the alternative, to relinquish such entitlement. Applicant will reimburse the County for any damages, court costs and attorney fees which the County may be required by a court to pay as a result of such claim, action or proceeding. The County shall promptly notify the applicant of any such claim, action, or proceeding and will cooperate in its defense. The County may also, at its sole discretion, participate in the defense of any such claim, action, or proceeding but such participation shall not relieve applicant of its obligations under this condition.
2. The applicant must also comply with all other applicable federal, state, and local statutes, ordinances, and regulations.
3. The applicant shall comply with all requirements of the 2007 California Building Code.
4. Prior to Certificate of Occupancy, the newly constructed clubhouse and any accessory structures, unless prohibited by code, shall be painted in earth tone or other non-metallic color acceptable to the applicant. (MM)
5. Construction contracts shall require the primary construction contractor to implement the following practices during all construction activities: (MM)
 - Construction equipment shall use aqueous diesel fuel and shall be equipped with particulate traps and catalytic converters.
 - All disturbed areas, including soil piles, areas that have been graded, and unpaved roads shall be watered twice daily and, when feasible, covered and enclosed.
 - When materials are transported offsite, loads shall be wetted and covered securely and at least two feet of freeboard shall be maintained.
 - Limit traffic speeds on unpaved roads to 15 mph and install sandbags or other erosion control measures to prevent silt runoff to public roadways from sites with a slope greater than one percent.
 - Install wheel washers for all exiting trucks, or wash off all trucks and equipment

leaving the site.

- Turn off equipment not in use for more than ten minutes
 - Curtail construction activities when the County's Air Quality Index exceeds 150.
6. An appropriately timed follow-up survey should be scheduled at a time when potentially present herbaceous species can be recognized to more accurately determine if these species occur within or around the project's Area of Potential Effect. A follow-up survey scheduled for June would overlap with the normal bloom period of all four special-species determined to be potentially present. (MM)

OR

Avoidance: Project design should be reviewed and modified, if needed, to avoid habitats with the potential to support the identified special-status plant species. These habitats include marsh-like areas adjacent to the project area and undisturbed grassy areas within the project area, including those directly around the parking area. (MM)

7. Adverse modification of critical habitat is not proposed, nor anticipated; however, informal consultation with National Marine Fisheries Service is recommended because the project site includes stream channel designated as critical habitat for Spring-run Chinook Salmon and Steelhead. (MM)
8. To reduce impacts to special status fish, it is recommended that removal of the clubhouse from the creek occur between 1 July and 30 August. (MM)
9. Any Western Pond Turtles observed during project implementation should be immediately transported and released into a suitable aquatic habitat at least one mile upstream from the project area. Suitable habitats include pools, ponds, and slow-moving streams with abundant surrounding vegetation. (MM)
10. If construction will occur between the months of February and September, a qualified avian biologist should be hired to conduct a survey for bird nests and nesting activity before construction commences. If any nesting activity is detected, the biologist should determine the species nesting and should monitor the nest during project construction for signs of disturbance until young have fledged and left the nest. Monitoring of any raptor nests should follow applicable state and federal protocol and guidelines. (MM)
11. During any excavation or other substantial subsurface disturbance activities, individuals conducting the work should be advised to watch for cultural resource materials. Should any evidence of prehistoric cultural resources be observed (freshwater shells, beads, bone tool remnants or an assortment of bones, soil changes

including subsurface ash lens or soil darker in color than surrounding soil, lithic materials such as flakes, tools or grinding rocks, etc.). or historic cultural resources (adobe foundations or walls, structures and remains with square nails, refuse deposits or bottle dumps, often associated with wells or old privies), all work should immediately cease, with no further disturbance to avoid altering context, and a qualified archaeologist must be consulted to assess the significance of the cultural materials. Project personnel must not collect any cultural resources present. (MM)

12. If human remains are discovered during construction activities, all work must immediately cease, and the local coroner must be contacted. Should the remains prove to be of cultural significance, the Native American Heritage Commission in Sacramento, California, must be contacted, with notification of most likely descendants. (MM)
13. Prior to removal of the existing clubhouse the applicant shall obtain a 1600 Permit from the California Department of Fish and Game and enter into a Stream Bed Alteration Agreement.

Public Works

14. Prior to construction of the clubhouse the applicant shall apply for a an Encroachment Permit from the Central Valley Flood Protection Board .

Fire District

15. The applicant shall provide a 20-foot engineered, all-weather roadway or driveway from nearest county or developed private roadway to project site. Roadway or driveway must be constructed to Colusa County Public works' standards. Roadway shall be completed and approved by the Fire Chief prior to construction of any type of structure on the projects parcel
16. The applicant shall provide an engineered, all weather circular driveway, turn-around or other approved means to adequately provide for the ingress/egress of emergency apparatus.
17. The applicant shall provide road or street address number(s), minimum 4", in accordance with Colusa County Ordinance 524 securely affixed to the side of the building facing the public roadway or street. If the building is more than 150 feet from the public roadway or street, the numbers shall be securely affixed to a post at the driveway and public road or street.
18. The applicant shall provide smoke detectors (hard wire with battery back up) in all sleeping rooms and other areas required by the Fire Chief.

19. The applicant shall provide a spark arrester on all chimneys and stove pipes.
20. The roofing material on all buildings shall be a minimum of Class "C" as defined in the California Building Code.
21. The applicant shall provide a mounted, 5lb. ABC Dry chemical Fire Extinguisher in the utility room kitchen, pantry, or garage as approved by the Fire chief.
22. The applicants shall provide a water supply for fire suppression as required by the Fire Chief.
23. The applicant shall provide two egress points for the building with stairways. Pillars for structures shall be concrete or steel.

Environmental Health

24. Prior to issuance of a Certificate of Occupancy, the applicant shall install onsite sewage system under permit from Environmental Health.
25. Prior to issuance of a Certificate of Occupancy, the applicant shall provide verification to Environmental Health that the on site well be protected from flooding either by pit less adapter or extending casing above flood level.
26. Prior to issuance of a Certificate of Occupancy, Provide water sample and testing results for bacteria and nitrates to the Department of Environmental Health from the existing well.
27. Prior to issuance of a Certificate of Occupancy, remove or provide method to easily transport above-ground fuel storage tank from potentially flooded areas.
28. The applicant, or subsequent property owners, shall not undertake any unauthorized discharge of fuels, oils, or other petroleum products, chemicals, detergents, cleaners, or similar chemicals to the surface of the ground or adjacent water ways. If such illegal discharge occurs violators are subject to citation by the Department of Environmental Health.
29. Any septic system constructed on the project site shall comply with the minimum sewage disposal area requirements:

Percolation Rate
(minutes/inch)

Minimum Usable Disposal Area
Area (sq. ft.)

41-60	12,000
21-40	10,000
11-20	8,000
Less than 10	6,000

31. The applicant or subsequent property owners shall not use the following areas, which are considered unsuitable, for the location of disposal systems or replacement areas:
- a. Areas within any easements, which are dedicated for the surface or subsurface improvement.
 - b. Paved areas
 - c. Areas not owned or controlled by property owners unless the area is dedicated for waste disposal purposes.
 - d. Areas occupied or to be occupied by structures.

I hereby declare under penalty of perjury that I have read the foregoing conditions, that they are in fact the conditions which were imposed upon granting of this use permit, and that I agree to abide fully by said conditions.

Dated: 5/10/10 Ed H. Allen
Applicant

Note: Issuance of the Use Permit does not waive requirement of obtaining Building and Health Department permits before starting construction nor does it waive any other requirements.

Dated: 5/10/10 [Signature]
Planning Commission Chairperson

Cc: Public Works Department
Building Department
Environmental Health Department
Fire District Chief

Notice of Determination

To: ☐ Office of Planning and Research

For U.S. Mail:

P.O. Box 3044

Sacramento, CA 95812-3044

Street Address:

1400 Tenth St.

Sacramento, CA 958-14

From: Public Agency: Colusa County Planning Dept.

Address: 220 12th Street

Colusa, CA 95932

☒ County Clerk

County of Colusa County

546 Jay Street, Suite 200

Colusa, CA 95932

RECEIPT # 392519

DOC# 10-19

ENDORSED
FILED

MAY 13 2010

KATHLEEN MORAN
COLUSA COUNTY CLERK-RECORDER

Subject:

Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

Project Title: UP #9-7-1, (ED #09-50), Colusa Shooting Club

2010042017

State Clearinghouse Number

(If submitted to Clearinghouse)

Stephen Hackney

Lead Agency

Contact Person

(530) 458-0480

Area Code/Telephone/Extension

Project Location (include county): **Located at the end of Laux Road also known as 7750 Laux Rd. in an easterly portion of Colusa County, identified as APN 015-100-008, Colusa County.**

Project Description: **A Use Permit to replace the existing 1457-square foot clubhouse that floats on Butte Creek with a 5445-square foot clubhouse built adjacent to Butte Creek and elevated above flood elevation on property zoned E-A (Exclusive Agriculture).**

This is to advise that the Colusa County Planning Commission has approved the above described project on:

May 10 2010

Date

Lead Agency

Responsible Agency

And has made the following determinations regarding the above described project:

1. The project [☐ will ☒ will not] have a significant effect on the environment.
2. ☐ An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
☒ A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [☒ were ☐ were not] made a condition of the approval of the project.
4. A statement of Overriding Considerations [☐ was ☒ was not] adopted for this project.
5. Findings [☒ were ☐ were not] made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval is available to the General Public at:


Signature (Public Agency)

May 10, 2010

Date

Director of Planning and Building

Title

Date received for filing at OPR:

Governor's Office of Planning and Research

**Colusa County
Initial study
Evaluation of Environmental Impacts**

1. Project title: **Use Permit for Colusa Shooting Club
ED# 09-50, UP # 09-7-1**
2. Lead agency name and address: **Colusa County Department of Planning
and Building
220 12th Street
Colusa, CA 95932**
3. Contact person and phone number: **Kent Johanns, Associate Planner
(530) 458-0480**
4. Project location: **The project site is located at 7750 Laux Road and
identified as APN 015-100-008. The project site is
located adjacent to and west of Butte Creek
approximately 2.75-miles northeast of the City of
Colusa.**
5. Project sponsor's name and address: **Ed Hulbert
Colusa Shooting Club
50 Sunrise Blvd
Colusa, CA 95932**
6. General plan designation: **Agriculture
General (AG)**
7. Zoning Designation: **Exclusive Agriculture
(EA)**
8. Surrounding land uses and setting: Briefly describe the project's surroundings:
**The project site is located along the eastern boundary of Colusa County. The project area
has portions which can be described as riparian forest and areas which dedicated to
agricultural production, mainly rice farming. The terrain is relatively flat and slopes
gently downward from southwest to northeast.**

**North - Current land usage is agricultural and natural habitat. The zoning is Exclusive
Agriculture (EA). The general plan land use designation is Agriculture General (AG).**

**South - Current land usage is agricultural natural habitat. The zoning is Exclusive
Agriculture (EA). The general plan land use designation is Agriculture General (AG).**

**East - Current land usage is agricultural and natural habitat. The zoning is Exclusive
Agriculture (EA). The general plan land use designation is Agriculture General (AG).**

**West - Current land usage is agricultural. The zoning is Exclusive Agriculture (EA). The
general plan land use designation is Agriculture General (AG).**

9. Description of project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)

The Colusa Shooting Club is proposing to remove the existing club house, of approximately 1,457-square feet, from the stream channel of Butte Creek. The duck club has existing at the site since 1897, with club house located at the present location since 1970. There are 33 members and one employee who utilize the clubhouse on seasonal basis. The most members utilizing the clubs at anyone time, other than opening day, is 16. The existing club house will then be dismantled and disposed of through recycling and proper disposal of all non-recyclable refuse. Once demolition and disposal of the existing clubhouse is complete construction will begin on the new club house. The entire project site is 10.35-acres in size. The new clubhouse will be located in the existing gravel parking area and will be approximately 5,445-square feet in size. The gravel parking area and adjacent areas of disturbed vegetation are approximately 1+-acre in size. The area of potential effect (APE), which includes part of the stream channel is considered to be 1.74-acres in size. The 1+-acre portion of the project site consisting of the gravel parking area and previously disturbed vegetation is considered large enough to accommodate the new club house and all necessary accessory structures and facilities, and provide adequate parking. The project site is in an area subject to seasonal flooding and is located in a FEMA 100-year floodplain, Zone A. The new structure will be supported on an engineered concrete and steel superstructure approximately 20-feet tall. This will ensure the base floor elevation is above the 100-year flood elevation. Other project activities include removing and relocating a propane tank and concrete slab, shed and concrete slab, fuel tank, and relocating a PG&E power pole. The project proponent is proposing to utilize the existing water well. A wastewater holding tank system is proposed to be utilized in conjunction with a new septic system. The existing septic system will be abandoned. No significant access road improvements or other activities are needed for the project.

10. Other public agencies whose approval is or may be required (e.g., permits, financing approval, or participation agreement.)

California Department of Fish and Game

Regional Water Quality Control Board

US Army Corp of Engineers

Regional Water Quality Control Board

Central Valley Flood Protection District

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology /Soils |
| <input type="checkbox"/> Hazards &
Hazardous Materials | <input type="checkbox"/> Hydrology / Water
Quality | <input type="checkbox"/> Land Use / Planning |
| <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Population / Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation/Traffic |
| <input type="checkbox"/> Utilities / Service
Systems | <input type="checkbox"/> Mandatory Findings of Significance | |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☐ I find that 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 revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.


Project Planner

4/2/10
Date

Reviewed by _____

Date

EVALUATION OF ENVIRONMENTAL IMPACTS:

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance

MITIGATION MEASURES (ED #9-50)

1. Prior to Certificate of Occupancy, the newly constructed clubhouse and any accessory structures, unless prohibited by code, shall be painted in earth tone or other non-metallic color acceptable to the applicant.
2. Construction Contracts shall require the primary construction contractor to implement the following practices during all construction activities:
 - Construction equipment shall use aqueous diesel fuel and shall be equipped with particulate traps and catalytic converters.
 - All disturbed areas, including soil piles, areas that have been graded, and unpaved roads shall be watered twice daily and, when feasible covered and enclosed.
 - When materials are transported offsite, loads shall be wetted and covered securely and at least two feet of freeboard shall be maintained.
 - Limit traffic speeds on unpaved roads to 15 mph and install sandbags or other erosion control measures to prevent silt runoff to public roadways from sites with a slope greater than one percent.
 - Install wheel washers for all exiting trucks, or wash off all trucks and equipment leaving the site.
 - Turn off equipment not in use for more than ten minutes
 - Curtail construction activities when the County's Air Quality Index exceeds 150.
3. An appropriately timed follow-up survey should be scheduled at a time when potentially present herbaceous species can be recognized, to more accurately determine if these species occur within or around the project's Area of Potential Effect. A follow-up survey scheduled for June would overlap with the normal bloom period of all four special-species determined to be potentially present.
or
Avoidance: Project design should be reviewed and modified, if needed, to avoid habitats with the potential to support the above-mentioned special-status plant species. These habitats include marsh-like areas adjacent to the project area and undisturbed grassy areas within the project area, including those directly around the parking area.
4. Adverse modification of critical habitat is not proposed, nor anticipated; however, informal consultation with National Marine Fisheries Service is recommended

because the project site includes stream channel designated as critical habitat for Spring-run Chinook Salmon and Steelhead.

5. To reduce impacts to special status fish, it is recommended that removal of the clubhouse from the creek occur between 1 July and 30 August.

6. Any Western Pond Turtles observed during project implementation should be immediately transported and released into a suitable aquatic habitat at least one mile upstream from the project area. Suitable habitats include pools, ponds, and slow-moving streams with abundant surrounding vegetation.

7. If construction will occur between the months of February and September, a qualified avian biologist should be hired to conduct a survey for bird nests and nesting activity before construction commences. If any nesting activity is detected, the biologist should determine the species nesting and should monitor the nest during project construction for signs of disturbance until young have fledged and left the nest. Monitoring of any raptor nests should follow applicable state and federal protocol and guidelines.

8. During any excavation or other substantial subsurface disturbance activities, individuals conducting the work should be advised to watch for cultural resource materials. Should any evidence of prehistoric cultural resources be observed (freshwater shells, beads, bone tool remnants or an assortment of bones, soil changes including subsurface ash lens or soil darker in color than surrounding soil, lithic materials such as flakes, tools or grinding rocks, etc.), or historic cultural resources (adobe foundations or walls, structures and remains with square nails, refuse deposits or bottle dumps, often associated with wells or old privies), all work should immediately cease, with no further disturbance to avoid altering context, and a qualified archaeologist must be consulted to assess the significance of the cultural materials. Project personnel must not collect any cultural resources present.

9. If human remains are discovered during construction activities, all work must immediately cease, and the local coroner must be contacted. Should the remains prove to be of cultural significance, the Native American Heritage Commission in Sacramento, California, must be contacted, with notification of most likely descendants.

CHECKLIST SOURCES

1. Colusa County General Plan.
2. Colusa County Zoning Ordinance.
3. Housing Element (Colusa County General Plan).
4. United States Geological Survey Topographic Maps.
5. Seismic Safety Element (Colusa County General Plan).
6. Soils Survey of Colusa County – USDA 2001.
7. Safety Element (Colusa County General Plan).
8. Noise Element (Colusa County General Plan).
9. Scenic Highways Element (Colusa County General Plan).
10. Annual Report on the Status of California State Listed Threatened and Endangered Animals and Plants.
11. Vascular Plants of Bear Valley, Walker Ridge and Surrounding Areas of Colusa and Lake Counties 1994.
12. California's Forests and Rangelands, State of California 1988.
13. A Planner's Guide for Oak Woodlands.
14. California Native Plant Society's Inventory of Rare and Endangered Plants of California 1994.
15. Restoring Central Valley Streams: A Plan for Action; Dept. of Fish & Game 1993.
16. Conservation Element (Colusa County General Plan).
17. Open Space Element (Colusa County General Plan).
18. Community Services Element (Colusa County General Plan).
19. Farmers and Neighbors: Land Use, Pesticides and Other Issues; UC Agricultural Issues Center 1995.
20. Index – Fire Hazard Severity Zone Maps; California Department of Forestry.
21. Hazardous Waste and Substances Sites List; State of California 1994.
22. California's Far North: County and Regional Profiles; University of California 1996.
23. Specific Project Review and Site Investigation by Staff.
24. Circulation Element (Colusa County General Plan).
25. Sacramento River Flood Control system Evaluation – Phase III – Mid Valley Area; State of California, U. S. Army Corps of Engineers & The Reclamation Board, March 1996.
26. Federal Emergency Management Agency Flood Insurance Rate Maps, May 15, 2003.
27. California Natural Diversity Database Website, 2006
28. Additional Source Documentation as noted the Initial Study

NOTE: All of the above listed Checklist sources are on file at the Colusa County Department of Planning & Building and Department of Public Works. Staff is available to assist you in checking any references.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
I. AESTHETICS - Would the project:				
a) Have a substantial adverse effect on a scenic vista? (17)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? (17)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings? (17)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? (17)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impact Discussion: The project consist of the removal of an existing clubhouse of approximately 1,457-square feet from Butte Creek and the construction of a new clubhouse approximately 5,455-square feet is size on the west bank of the creek. The project will require the removal and/or relocation of several accessory structures including a shed with concrete slab, propane tank with concrete slab, fuel tank, and power pole. The new clubhouse and relocated facilities will be located in the existing gravel parking area, which includes areas of disturbed, primarily non-native grassland. The clubhouse will be constructed on concrete and steel superstructure, utilizing steel poles in a stilt like configuration, 20-feet in height. As a result, the over all height of the structure will be approximately 50-feet. The access road is a private extension of Laux Road, a county road. This private portion of Laux Road is not a through road and is not utilized by the public at large due to a locking gate. The project site is surrounded by Foothill/Valley Oak riparian habitat and is not visible from any County Roads or by neighboring property owners. The construction of the clubhouse has the potential to affect the visual character of the area. Due to the fact that the Colusa County Zoning Ordinance in conjunction with Uniform Building Code which determine setback requirements and building materials, some aspects of aesthetics will be addressed through building plan check process. These standards will be used to reduce potential visual characteristic degradation associated wit the construction of the new clubhouse. The structure will be visible from Butte Creek, which can be accessible to the public. Staff is recommending a mitigation measure to assist in reducing potential impacts to aesthetics regarding building color since it is not addressed in the requirements listed above. This mitigation measure will reduce any potential impacts regarding the existing visual character and new sources of light and glare to a level less than significant level.

Mitigation Measure: The following mitigation measure is recommended to reduce impacts associated with cultural resources:

1. I (c and d) Prior to Certificate of Occupancy, the newly constructed clubhouse and any accessory structures, unless prohibited by code, shall be painted in earth tone or other non-metallic color acceptable to the applicant.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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II. AGRICULTURAL RESOURCES In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? (1, 2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract? (1, 2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? (1, 2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Impact Discussion: The project site has a General Plan land use designation of Agriculture General (AG) and is zoned Exclusive Agriculture (E-A). The General Plan and Zoning Code provide for compatible recreational uses in agricultural areas. The majority 10.35-acre site is riparian habitat and has never been farmed; this is due to the proximity to Butte Creek and the Colusa Weir which results in seasonal inundation. The historical use as duck club has also assisted in preventing past and present farming. Since the project site is not currently or historically been farmed no loss of productive agricultural land will result from the project. The project site is identified as "Other Lands" by the California Department of Conservation Farmland Mapping and Monitoring program. The property is not under Williamson Act contract. Because of its existence at the site for over a century without any documented adverse impacts to surrounding agriculture the project will not result in the conversion of farmland.

III. AIR QUALITY - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- | | | | | |
|---|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Violate any air quality standard or contribute substantially to an existing or projected air | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
quality violation? (16)				
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)? (16)	[]	[X]	[]	[]
d) Expose sensitive receptors to substantial pollutant concentrations? (16)	[]	[]	[]	[X]
e) Create objectionable odors affecting a substantial number of people? (16)	[]	[]	[]	[X]

Impact Discussion: The project consists of removing the existing clubhouse and replacing it with a new clubhouse. The existing clubhouse was constructed around 1970. It is the intention of the applicant to remove the existing clubhouse by utilizing a large crane to remove it from Butte Creek and dismantling it on shore. The applicant is required to dispose of all recyclable materials and any material to be disposed of via the Maxwell Transfer Station in accordance with state and federal law. The new clubhouse will be constructed in compliance with Title 24 requirements resulting in a reduction in Green House Gas (GHG) emissions. This will assist the county in meeting the 25% reduction of GHG emission by 2020 as required by AB 32. During the initial construction phase grading and excavating will be necessary. These activities may lead to PM¹⁰ emissions and GHG emissions. Colusa County requires that construction projects utilize Best Available Technology and standard practices to reduce emissions from construction activities when potential impacts to air quality may occur.

Mitigation Measures: the following Mitigation Measures are recommended to reduce impacts associated with air quality:

2. III (b and c) Construction Contracts shall require the primary construction contractor to implement the following practices during all construction activities:

- Construction equipment shall use aqueous diesel fuel and shall be equipped with particulate traps and catalytic converters.
- All disturbed areas, including soil piles, areas that have been graded, and unpaved roads shall be watered twice daily and, when feasible covered and enclosed.
- When materials are transported offsite, loads shall be wetted and covered securely and at least two feet of freeboard shall be maintained.

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- Limit traffic speeds on unpaved roads to 15 mph and install sandbags or other erosion control measures to prevent silt runoff to public roadways from sites with a slope greater than one percent.
- Install wheel washers for all exiting trucks, or wash off all trucks and equipment leaving the site.
- Turn off equipment not in use for more than ten minutes
- Curtail construction activities when the County's Air Quality Index exceeds 150.

IV. BIOLOGICAL RESOURCES

-Would the project

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	[]	[X]	[]	[]
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service? (16)	[]	[]	[]	[X]
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? (16)	[]	[]	[]	[X]
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? (16)	[]	[]	[]	[X]
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (16)	[]	[]	[]	[X]
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community	[]	[]	[]	[X]

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Conservation Plan, or other approved local,
regional, or state habitat conservation plan? (16)

Impact Discussion: The Colusa Shooting Club project will involve the removal of an existing 1,457-square foot clubhouse floating on pontoons from the channel of Butte Creek and construction of a new 5,445-square foot building within a graveled parking area adjacent to the creek. The single floor building will be raised on steel superstructure that will be elevated 20 feet above ground level on concrete footings. The dirt road accessing the property will be widened slightly and a minimal amount of underbrush removed. The project has been designed to retain nearly all the trees within the 1.74-acre project footprint, or Area of Potential Effect. Prior to the initiation of fieldwork, Eco-Analysts acquired lists of special status species that potentially occur on the site. The California Department of Fish and Game's California Natural Diversity Database (CNDDDB) Rare Find (v.3.1) program was used to generate a list of species of concern that occur in the USGS Meridian, California 7.5' quadrangle and the eight surrounding quadrangles. The United States Fish and Wildlife Service's (USFWS) list of federally endangered and threatened species was also acquired for Colusa County (Appendix A). Rare plant lists were obtained from the California Native Plant Society's (CNPS) online inventory of rare and endangered vascular plants of California (CNPS 2001). These documented sources indicated: A total of 17 special-status plant species are known or were determined to have some potential occur in the Meridian quad or the surrounding eight quads; and eight special status wildlife species were considered to have moderate to high potential to occur or utilize habitats on site or were observed during surveys. Numerous other special status species are considered to have a low potential of occurrence within the 1.74-acre Area of Potential Effect (APE). These species are not discussed in this document due to the low probability of them occurring in the APE, but additional information on these species is available in the Biological Survey Report.

Field Surveys were conducted on December 22, 2010. Several vegetation types were classified within the project area, including Valley Oak Woodland and Red Willow Thickets, Open Water habitat, including the aquatic bed and edge of lower Butte Creek, which makes up the eastern portion of the survey area. Valley Foothill Riparian is the dominant habitat type within the survey area.

No special-status plant species were confirmed to be present within the survey area. Four species are considered potentially present within or around the survey area due to the presence of appropriate habitat and close proximity of other known occurrences, although these species were not directly observed during the field surveys. These species include **Pappose Tarplant** (*Centromadia parryi* ssp. *parryi*, LOW potential for occurrence), **Woolly Rose-mallow** (*Hibiscus lasiocarpus*, HIGH potential for occurrence), **Coulter's Goldfields** (*Lasthenia glabrata* ssp. *coulteri*, LOW potential for occurrence), and **Wright's Trichocoronis** (*Trichocoronis wrightii* var. *wrightii*, LOW potential for occurrence).

Two special-status wildlife species were considered to be present within the survey area because designated critical habitat for these species exists on site in the creek channel. These species include **Steelhead- Central Valley ESU** (*Onchorynchus mykiss*) and **Spring-run Chinook Salmon** (*Oncorhynchus tshawytscha*). Six other species were considered to have moderate to high potential to occur or forage on site. They include **Western Pond Turtle** (*Actinemys marmorata*), **Pallid bat** (*Antrozous pallidus*), **Western red bat** (*Lasiurus blossevilli*), **Hoary Bat** (*Lasiurus cinereus*), **Western small-footed myotis** (*Myotis ciliolabrum*), and **Yuma myotis** (*Myotis yumanensis*). Several species of protected raptors were considered to have high potential to nest in the woodlands immediately surrounding the project site. The biological survey report recommended six mitigation measures to minimize potential impacts to biological resources to a less than significant level. (Source: Biological Survey Report, Eco-Analysts, January 26, 2010)

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Mitigation Measures: The following mitigation measures are recommended to reduce impacts associated with biological resources:

3. IV (a and b) An appropriately timed follow-up survey should be scheduled at a time when potentially present herbaceous species can be recognized to more accurately determine if these species occur within or around the project's Area of Potential Effect. A follow-up survey scheduled for June would overlap with the normal bloom period of all four special-species determined to be potentially present.

or

Avoidance: Project design should be reviewed and modified, if needed, to avoid habitats with the potential to support the above-mentioned special-status plant species. These habitats include marsh-like areas adjacent to the project area and undisturbed grassy areas within the project area, including those directly around the parking area.

4. IV (a and b) Adverse modification of critical habitat is not proposed, nor anticipated; however, informal consultation with National Marine Fisheries Service is recommended because the project site includes stream channel designated as critical habitat for Spring-Run Chinook Salmon and Steelhead (Central Valley ESU).

5. IV (a and b) To reduce impacts to special status fish, it is recommended that removal of the clubhouse from the creek occur between 1 July and 30 August.

6. IV (a and b) Any Western Pond Turtles observed during project implementation should be immediately transported and released into a suitable aquatic habitat at least one mile upstream from the project area. Suitable habitats include pools, ponds, and slow-moving streams with abundant surrounding vegetation.

7. IV (a and b) If construction will occur between the months of February and September, a qualified avian biologist should be hired to conduct a survey for bird nests and nesting activity before construction commences. If any nesting activity is detected, the biologist should determine the species nesting and should monitor the nest during project construction for signs of disturbance until young have fledged and left the nest. Monitoring of any raptor nests should follow applicable state and federal protocol and guidelines.

V. CULTURAL RESOURCES Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in c15064.5? (16)	[]	[X]	[]	[]
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b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to c15064.5? (16)	[]	[X]	[]	[]
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c) Directly or indirectly destroy a unique

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
paleontological resource or site or unique geologic feature? (16)	[]	[]	[]	[X]
d) Disturb any human remains, including those interred outside of formal cemeteries? (16)	[]	[X]	[]	[]

Impact Discussion: The Colusa Shooting Club proposes to replace their existing 1,457 square foot clubhouse which is floating on Butte Creek, with a 5,445 square foot clubhouse to be built on the bank adjacent to Butte Creek. The construction of the new clubhouse will require the disturbance of approximately 6,000-square feet of ground area. Due to the proximity of Butte Creek, a perennial watercourse, and the City of Colusa, a known area of Native American settlement, a Cultural Resource Report was prepared for the project. The Cultural Resource Report, was prepared by Golden Hills Consulting, and including a, cultural resource records search and a ground survey.

The results of a CHRIS (California Historic Resource Inventory System) records search through the Northwest Information Center was completed in January 2010. The records search revealed that no prehistoric or historic sites have been recorded within one-mile of the project area. A study performed in and around the project site was done by Greg White for his 2003 dissertation, "Population Ecology of the Prehistoric Colusa Reach," which covered about 12,837-acres. A copy of a GLO plat map dated 1867 was included in the search results. This map indicated the project area as "impassable slough & tule swamp," with the entire area shown as "subject to seasonal inundation." Considering this information, it appeared unlikely that the project and areas adjacent to the site were contained cultural or historical resources.

To ensure that impacts to cultural resources will be minimized or avoided all together, a site survey was conducted on February 17, 2010. The project site consisting of approximately one acre, was surveyed using 5-meter transect spacing on an east-west bearing. According to the report ground visibility was excellent in graveled areas, but limited in the narrow vegetated periphery. The low linear dirt mounds to the south, west and north of the project site were closely inspected for the presence of artifacts or ecofacts. These dirt mounds were the result of recent sediment and debris removal due to recent flooding according to Colusa Shooting Club members. No evidence of any prehistoric or historic cultural resources were located on the project site. There is no record of any prehistoric or historic cultural resources located within a one-mile radius of the project site.

The report concluded that this area has been and is subject to annual inundation, the likelihood of prehistoric or historic cultural resources onsite is slim, and if any were to be found, would most likely be the result of a washout of an upstream resource. If the scope of the proposed project expands to include additional area on the Club's property, additional surveying should not be necessary because of the historic and current annual inundation of the property.

The report did recommend mitigation measures to be implemented during construction to ensure that impacts to cultural resources do not occur or are avoided to the greatest extent possible. (Source: Cultural Resource Survey, Golden Hills Consulting March 3, 2010)

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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Mitigation Measures: The following Mitigation Measures are recommended to reduce impacts to a less than significant level:

8. V. (a, b, and d) During any excavation or other substantial subsurface disturbance activities, individuals conducting the work should be advised to watch for cultural resource materials. Should any evidence of prehistoric cultural resources be observed (freshwater shells, beads, bone tool remnants or an assortment of bones, soil changes including subsurface ash lens or soil darker in color than surrounding soil, lithic materials such as flakes, tools or grinding rocks, etc.), or historic cultural resources (adobe foundations or walls, structures and remains with square nails, refuse deposits or bottle dumps, often associated with wells or old privies), all work should immediately cease, with no further disturbance to avoid altering context, and a qualified archaeologist must be consulted to assess the significance of the cultural materials. Project personnel must not collect any cultural resources present.

9. V. (a, b, and d) If human remains are discovered during construction activities, all work must immediately cease, and the local coroner must be contacted. Should the remains prove to be of cultural significance, the Native American Heritage Commission in Sacramento, California, must be contacted, with notification of most likely descendants.

VI. GEOLOGY AND SOILS - Would the project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking? (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction? (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides? (5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
topsoil? (5, 6)				
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? (5, 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property? (5, 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? (5, 6)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Impact Discussion: The 2001 Soil Survey of Colusa County California identifies soils on the project site as Willows Silty Clay; however, the proposed construction areas are located on existing levees. According to the Building Site Development Table 14 found in the Soil Survey the soil type may be subject to a significant amount of expansion (shrink-swell). Building Code requirements for various types of buildings require a soils compaction test particularly in areas with potentially expansive soils. During construction of this building project a soil analysis and subsequent compaction requirements as recommended by a Licensed Civil Engineer and required by the Uniform Building Code (UBC) shall be performed. These tests and application of building code requirements will reduce any potential impacts of site specific undetermined soil conditions to a less than significant level. The results of these tests shall be reflected in the design specifications of the foundation plans and structural calculations for the addition to the existing building.

There is an existing septic system located to the south of the proposed clubhouse. The septic system was installed in 1986 and does not meet current set back requirements under the 2007 California Plumbing Code in regard to the distance from Butte Creek. The existing septic system will be abandoned and new system is proposed. According to Table 16 of the 2001 Soil Survey, Willows Silty Clay may have severe limitation on the use of septic systems. The new system will be designed based on existing soil conditions, which will be determined by soil mantle observation and testing if necessary, and the 2007 California Plumbing Code. The new clubhouse has sleeping accommodations for eight individuals, but there are 33 club members that may utilize the site one day a year, with a maximum of 16 members utilizing the site on a daily basis. The system will be designed to accommodate the 16 members of the club with additional capacity for the kitchen. Based upon this information, the septic system needs to process approximately 580-gallons per day. A 1,500 gallon septic tank will be needed, the exact length of the leach line(s) needed will be determined based on soil observations. The tank will be located a minimum of 50-feet from the top bank of Butte Creek and the leach field will be set back 100-feet from the top bank. The existing domestic well needs to maintain a 100-foot setback from the components of the septic system. The area is subject to seasonal inundation and flooding may impact a typical septic system.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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To prevent any potential impacts to soils and any water quality impacts, a holding tank will be utilized in conjunction with the septic system. The tank will be sized accordingly and utilized once the Colusa Weir overflows; this assumes that this may happen anytime between December 10 and May 15th. Duck season is typically from mid October to the end of January. Based upon potential usage during this period the applicant is proposing 8,000-gallons of effluent storage, utilizing two 4,000-gallon tanks. After May 15, when there is essentially no one on site, the effluent in the holding tanks will be processed through the septic system. The Department of Environmental Health has reviewed the proposal for wastewater disposal system and is in agreement that the system is feasible and adequately protects soil and water quality. Once soil mantle observations are made, minor changes to the proposed may be required. The Department of Environmental Health is requiring that the system be designed, inspected, and certified by the consulting engineer. As a result, no significant impacts associated with soils and geology are expected. (Source: CEC Letter of March 25, 2010 and Environmental Health Comments dated March 29, 2010)

VII. HAZARDS AND HAZARDOUS MATERIALS

Would the project:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? (7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? (7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? (7) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) For a project within the vicinity of a private Airstrip, would the project result in a safety hazard to people residing or working in the | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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project area? (7)

g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (7)

[]

[]

[]

[X]

Impact Discussion: The project will not involve the use of hazardous materials other than what is typically found in all households. Propane gas is utilized and will be utilized due to the sites remote location. Some household cleaners, detergents as well as petroleum products and other chemicals are commonly used around households. The Department of Environmental Health's standard condition of "Unauthorized discharge of fuels, oils or other petroleum products or similar chemicals to the surface of the ground or to adjacent drainage ways is prohibited. The application of chemicals for agricultural purposes is allowed" is applied to the majority of projects in Colusa County. With the incorporation of this condition the project is not considered to have impacts related to hazardous materials. The project is not located in a close proximity to an existing or proposed school or airport (airstrip). Nor is the project anticipated to have an impact on any emergency response or evacuation plan. An existing fuel tank is located on the site, but will be removed, or a method for easily transporting the fuel tank from flooded areas prior to the next flood season.

VIII. HYDROLOGY AND WATER

QUALITY - Would the project:

a) Violate any water quality standards or waste discharge requirements? (16, 18)

[]

[]

[]

[X]

b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)? (16, 18, 26)

[]

[]

[]

[X]

c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site? (18)

[]

[]

[]

[X]

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site? (18, 26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff? (26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Otherwise substantially degrade water quality? (26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map? (18, 26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows? (26)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? (26)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow? (26)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Impact Discussion: The project will result in approximately 6,000-square feet of improved area with the construction of the new clubhouse and relocation of accessory buildings and infrastructure. The project site is 10.35-acres in size or 450,846-square feet. The entire project site is impacted by seasonal flooding. A concrete and steel superstructure will support the new clubhouse, which will allow floodwaters and normal drainage to continue its current course to the east into Butte Creek. As a result, impacts to drainage are considered less than significant. The project site is located in Zone A of the FEMA, Flood Insurance Rate Maps, Panel 0555 F, Community Number 06011 C, which became effective May 15, 2003. As a result, the project will require a Flood Zone Development Permit from the Colusa County Department of Public Works. The structure is proposed to be raised 20-feet by a concrete and steel superstructure (stilts) to ensure the base floor elevation is above the base flood elevation. The flood elevation certificate will verify that this design feature will adequately protect the structure during flood events. The site is due east of the Colusa Weir, which is a part of the Sacramento-San Joaquin Drainage District (SSJDD). The SSJD is managed by the Central Valley Flood Protection Board (CVFPB). The CVFPB may require additional permits.

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The project site is also in several dam failure scenarios identified in the County of Colusa General Plan Safety Element. Impacts related to the flooding are being reduced to a less than significant level through project design features and the Flood Zone Development Permit process. The use of the appropriately designed and constructed septic system in the future will prevent any impacts related to water quality as described in the Soils and Geology Section. The project site is not in an area subject to seiche, tsunami or mudflows. No significant impacts related to hydrology and water quality are expected to occur due design features of the project.

IX. LAND USE AND PLANNING - Would the project:

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Physically divide an established community?
(1, 3) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? (1, 2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Conflict with any applicable habitat conservation plan or natural community conservation plan? (1, 2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Impact Discussion: The project site is zoned Exclusive Agriculture (E-A) and has a general plan land use designation of Agriculture General (A-G). The Exclusive Agriculture (E-A) zone allows the establishment of private recreational facilities provided a Use Permit is obtained. The Colusa Shooting Club has been active on the project site and adjacent areas since 1897. No regulation of recreational facilities of this type was required at that time. The improvements to the project site have triggered the Use Permit process, which will allow the historical use of the project site to gain compliance with the current zoning code. This type of use is considered a conditionally compatible use with agriculture uses in the area.

X. MINERAL RESOURCES - Would the project:

- | | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? (16)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Impact Discussion: The project site is located adjacent to Butte Creek with deep alluvial soils. Mineral resources known to exist in Colusa County are gravel deposits and natural gas deposits. The deep alluvial soils are anticipated to contain large gravel deposits. Gas deposits, which may exist in the area, would be accessible in other locations on the project site and adjacent properties. The project will not conflict with adopted energy plans, use non-renewable resources in a wasteful manner or result in the loss of availability of a known mineral resource.

XI. NOISE – Would the project result in:

a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels? (8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Impact Discussion: Future construction activities on the project site may generate noise levels in excess of standards established in the Colusa County General Plan. There will be a substantial periodic or temporary increase in ambient noise levels if development takes place on the project site. The project site is located in a remote rural area with the nearest permanent residence located two miles to the west. Applicants for building permits are required by the Colusa County Zoning Ordinance to limit construction activities to the hours of 7:00 a.m. to 7:00 p.m. Monday through Sunday. No other impacts associated with noise are anticipated.

XII. POPULATION AND HOUSING - Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? (3, 22)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (3, 22)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere? (3, 22)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Impact Discussion: The new large clubhouse proposed by this project is seasonal and not considered permanent and no increase in membership is proposed despite the large increase in size. Therefore, the project will not induce population growth. The project will not displace existing housing. This project will assist in providing short-term jobs during construction and some increase in permanent jobs to operate the facility and may have a positive impact in temporarily reducing the high unemployment rate in the County. The project is not anticipated to displace substantial numbers of people or housing.

XIII. PUBLIC SERVICES

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection? (18)	[]	[]	[X]	[]
Police protection? (18)	[]	[]	[X]	[]
Schools? (18)	[]	[]	[]	[X]
Parks? (18)	[]	[]	[]	[X]
Other public facilities? (18)	[]	[]	[]	[X]

Impact Discussion: The project consists of the improvement of an existing duck club facility. The project is not anticipated to have an impact on public services other than fire protection. The project applicant shall be required to provide a twenty (20) foot all weather access road or driveway to the project site along with circular turnaround area. With the incorporation of these design features and other fire department conditions, impacts to fire protection and police protection services are considered to be less than significant. No impacts to other public services will occur.

XIV. RECREATION -Would
the project:

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? (17)	[]	[]	[]	[X]
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? (17)	[]	[]	[]	[X]

Impact Discussion: The project site is not located in the immediate vicinity of any public recreation areas. As with the current use of the project site as a duck club, recreation in the area is limited to private recreation activities, such as hunting. Therefore, the project is not anticipated to have an adverse impact on recreation in the area.

Potentially Significant Impact	Less Than Significant with Mitigation Incorporation	Less Than Significant Impact	No Impact
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XV. TRANSPORTATION/TRAFFIC - Would the project:

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Result in inadequate emergency access? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) Result in inadequate parking capacity? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Conflict with adopted policies, plans or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)? (16) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Impact Discussion: The project site is accessed via Laux Road, and the private extension of Laux Road. During flood events the project site is not accessible. During normal conditions, other than flood, the existing access road and driveway are considered adequate for emergency vehicle access. This is based on the ability of a 40,000 lb. three axel vehicle to utilize the road. Once the new clubhouse is constructed a portion of the access road and turnaround area will be eliminated. Some changes in access and turnaround area will be necessary. The improvements as recommended by Sacramento River Fire Protection District, are discussed in the Public Services section of this document. Compliance with these improvement requirements will reduce any potential impacts to a less than significant level. Since no members, or employees, utilize the site during flood events impacts due to inadequate emergency access are considered less than significant during periods of inundation.

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No
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XVI. UTILITIES AND SERVICE SYSTEMS

Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the projects projected demand in addition to the providers existing commitments? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the projects solid waste disposal needs? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste? (18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Impact Discussion: The project site is located within Reclamation District 1004 (RD 1004). RD 1004 has responsibility for flood control and irrigation services in the project area. RD 1004 was routed a comment form for the project, and provided no comments. Based on the lack of comments the construction of the new club house and any necessary improvements, such as, water lines, water wells, and wastewater holding tank(s) are not expected to interfere with the activities of Reclamation District 1004.

The existing clubhouse has a reliable source of water. The source consists of a single well located approximately 200-feet west of the proposed clubhouse and a least 100-feet from the proposed septic system. The applicant intends to utilize the existing well to supply water to the new structure. All applicants for building permits are required to consult with the Department of Environmental Health to obtain the proper permits for potable water wells, this process will dictate any additional water system requirements. Compliance with Environmental Health requirements ensures a safe and reliable source of potable water for the project. Potable wells in the area are approximately 1,000-feet deep and produce more than adequate water flow on a consistent basis.

Wastewater disposal will be achieved through construction of a combination holding tank(s) and septic tank/leach-field system. Potential impacts related to the wastewater disposal system are discussed in the geology and soils section of this document.

Solid waste will be handled by the Maxwell Transfer Station and outside county land fills. Removing Solid Waste from the project site and transporting it to the Maxwell Transfer Station is the responsibility of the Colusa Shooting Club employees and members. Due to the seasonal nature of the use it is not anticipated to produce significant amounts of solid waste.

No other impacts related to utilities and service systems have the potential to occur.

XVII. MANDATORY FINDINGS OF SIGNIFICANCE -

- | | | | | |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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of probable future projects)?

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

[]

[]

[]

[X]

Impact Discussion: The project is not considered to have a potentially significant impact on the environment with the incorporation of the mitigation measures, appropriate design features and compliance with County agency requirements. Therefore, the project is not considered to degrade the existing environment or impact an endangered animal or plant species. Nor is the project expected to eliminate examples of California History or Pre-History. The project's impacts are considered to be limited due to design features incorporated into the project and compliance with conditions required by the County. The project will not result in impacts that are cumulatively significant. Given the nature of the project, it is not expected to have any adverse environmental impacts affecting human beings directly or indirectly.



VICINITY MAP
NOT TO SCALE

LEGEND:

APPROVED BY THE COMMON POLICE OF CANTON

CL BUILDINGS AND SHEDS
CL SYSTEM (READY MIX)

TOTAL OVERHEAD POWER AND UTILITY BILLS:

(CLOWEN EV) JUNE 1970/1/2 WHICH TO
FOLLOW EV) JUNE 1970/1/2 WHICH TO

THE EDGE OF GRAVEL ROAD
PROPOSED RELOCATION OF GRAVEL ROAD

CL: 17, CONTAINS (+/ALYV.)

300

NOTES:

- 1) EXISTING HOUSE DASH (INCL. CLUB LODGE) TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 2) EXISTING HOUSE DASH AND EXISTING CONCRETE AND ASPHALT DRIVEWAY TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 3) EXISTING CONCRETE STAIRS FROM SIDEWALK INTO EXISTING CONCRETE SLABS TO REMAIN AS ACCESS FROM BANK TO CREEK.
- 4) EXISTING SLABS (WOOD, STEEL & CONCRETE) PER TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 5) EXISTING CONCRETE SIDE WALK AND ASPHALT AREA TO REMAIN.
- 6) EXISTING CONCRETE SLAB AND ASPHALT TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 7) EXISTING PASE POWER POLE AND TRANSFORMER TO BE RELOCATED BY OTHERS, REMAINING POWER/JOINT POLES TO BE DESTROYED AND REMOVED.
- 8) EXISTING GAS TANK (ABOVE GROUND), SHED AND EXISTING CONCRETE SLAB TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 9) EXISTING PROPANE TANK, SLAB TO BE RELOCATED IF POSSIBLE.
- 10) EXISTING EXISTING GRAVEL THROUGH ROAD KEEPING A MINIMUM DISTANCE OF 10 FEET FROM PROPOSED CLUB HOUSE. EXISTING SWALES AS YELDED AND RE-GRADE SWALES FOR DRAINAGE.
- 11) EXISTING TELEVISION ANTENNA, DISK AND METAL FRAME TO BE DESTROYED AND REMOVED FROM PROPERTY.
- 12) ABANDONED TELEVISION SEPTIC TANK AND LEACH FIELD TO REMAIN.
- 13) INSTALL NEW SEPTIC TANK AND HOLDING TANK NEW 1000 GALLON.
- 14) INSTALL NEW LEACH FIELD.

TOPOGRAPHICAL SURVEY PLAT

FOR
COLUSA SHOOTING CLUB
BEING A PORTION OF THE SW ¼ OF SECTION 14
AND A PORTION OF THE NW ¼ OF SECTION 23,
T.16 N., R.1 W., MOUNT DIABLO BASE AND MERIDIAN,
COUNTY OF COLUSA, STATE OF CALIFORNIA

SCALE: 1" = 20'

PREPARED BY:

၁၁၁

[illegible]

JOB #: 09-207

1334



BASIS OF BEARINGS

THE BASIS OF BEARINGS OF THIS PLAT MAP IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 2, ORIGINATING AT CDH STATION SLOUGH.

ELEVATION DATUM:

ELEVATION DATA OF THIS PROJECT WAS ESTABLISHED VIA SURF-SITE G.P.S. STATIC SURVEY WITH A NGS OPUS SOLUTIONS. THE SURF-SITE IS BASED ON NAVD83. COMPUTED USING GEOD003. A FULL LOOP WAS RUN THROUGH THE TEMPORARY BENCH MARK ESTABLISHED ON THE SOUTHERN PORTION OF THE PROJECT WHICH ESTABLISHED THE C.I.C. TBM ELEVATION TO BE 54.33 (NAVD83) AS SHOWN HEREON.

DISCLAIMER:

THIS IS TOPOGRAPHICAL SURVEY PLAT ONLY; IT DEPICTS EXISTING SUBJECTS AND AN APPROXIMATE LOCATION OF THE PROPOSED BUILDING. BOUNDARY CONTROL WAS NOT ESTABLISHED THEREFORE PROPERTY LINES, CENTERLINES, EASEMENTS, RIGHT-OF-WAYS AND/OR MONUMENTATION SHOWN HEREIN ARE APPROXIMATE.

CALIFORNIA DEPARTMENT OF FISH AND GAME
North Central Region
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670-4599
916 358-2900



Streambed Alteration Agreement
Notification No. 1600-2010-0071 -R2
Butte Creek
Colusa Shooting Club
Colusa Shooting Clubhouse Replacement

This Streambed Alteration Agreement (Agreement) is entered into between the California Department of Fish and Game (DFG) and Colusa Shooting Club (Permittee) as represented by Ed Hulbert.

RECITALS

WHEREAS, pursuant to Fish and Game Code (FGC) section 1602, Permittee notified DFG on May 5, 2010 that Permittee intends to complete the project described herein.

WHEREAS, pursuant to FGC section 1603, DFG has determined that the project could substantially adversely affect existing fish or wildlife resources and has included measures in the Agreement necessary to protect those resources.

WHEREAS, Permittee has reviewed the Agreement and accepts its terms and conditions, including the measures to protect fish and wildlife resources.

NOW THEREFORE, Permittee agrees to complete the project in accordance with the Agreement.

PROJECT LOCATION

The project is located at Lower Butte Creek, in the County of Colusa, State of California, Latitude 39.230N, Longitude -121.942.

PROJECT DESCRIPTION

The project is limited the replacement of an existing 1457 square foot clubhouse that floats on Butte Creek with a 5445 square foot clubhouse built adjacent to Butte Creek and elevated above flood elevation. The building will be steel on a steel and concrete superstructure and elevated 20 feet above ground level. To support the larger building, a new AdvanTex brand Onsite Waste Water Disposal System will be installed. This AdvanTex System will replace the existing small septic tank and three leach lines, which will be dug up and removed. The new leach field will be a minimum of 100 feet from the edge of Butte Creek. The floating clubhouse shall be removed from Butte Creek, but existing permanent structures (concrete steps, etc) on the bank of Butte Creek shall remain in place. Equipment and machinery will enter and exit the project area via Laux Road and no trees or riparian vegetation shall be removed.

PROJECT IMPACTS

Existing fish or wildlife resources the project could substantially adversely affect include: Spring-Run Chinook Salmon, Steelhead, Western Pond Turtle, warm water fish species, amphibians, and other aquatic and terrestrial plant and wildlife species.

The potential permanent or temporary adverse effects this project could have on the fish or wildlife resources identified above include: loss of bank stability during construction; increase of bank erosion during construction; short-term release of contaminants (e.g., incidental from construction); loss or decline of riparian habitat; construction pits and trenches that can capture terrestrial organisms; disruption to nesting birds and other wildlife; temporary disturbance from project activity; loss of wildlife connectivity to water source; loss or impediment of terrestrial animal species travel routes due to permanent structures; and loss or impediment of terrestrial animal species travel routes due to temporary structures (e.g., survey tape, sandbags, erosion protection materials etc.),

STREAM ZONE DEFINED

All components of a stream, including the channel, bed, banks, and floodplains. The Stream Zone is the land, including vegetation, that bounds a lake or the channel of a stream and that defines the lateral extent of their waters.

MEASURES TO PROTECT FISH AND WILDLIFE RESOURCES

1. Administrative Measures

Permittee shall meet each administrative requirement described below.

- 1.1 Documentation at Project Site. Permittee shall make the Agreement, any extensions and amendments to the Agreement, and all related notification materials and California Environmental Quality Act (CEQA) documents, readily available at the project site at all times and shall be presented to DFG personnel, or personnel from another state, federal, or local agency upon request.
- 1.2 Providing Agreement to Persons at Project Site. Permittee shall provide copies of the Agreement and any extensions and amendments to the Agreement to all persons who will be working on the project at the project site on behalf of Permittee, including but not limited to contractors, subcontractors, inspectors, and monitors.
- 1.3 Notification of Conflicting Provisions. Permittee shall notify DFG if Permittee determines or learns that a provision in the Agreement might conflict with a provision imposed on the project by another local, state, or federal agency. In that event, DFG shall contact Permittee to resolve any conflict.

- 1.4 Project Site Entry. Permittee agrees that DFG personnel may enter the project site at any time to verify compliance with the Agreement.
- 1.5 Authorized Work. The notification, together with all supporting documents submitted with the notification, is hereby incorporated into this agreement to describe the location and features of the proposed project. The Permittee agrees that all work shall be done as described in the notification and supporting documents, incorporating all project modifications, wildlife resource protection features, mitigation measures, and provisions as described in this agreement. Where apparent conflicts exist between the notification and the provisions listed in this agreement, the Permittee shall comply with the provisions listed in this agreement. The Permittee further agrees to notify DFG of any modifications made to the project plans submitted to DFG. At the discretion of DFG, this agreement will be amended to accommodate modifications to the project plans submitted to DFG and/or new project activities.
- 1.6 Does Not Authorize "Take." This agreement does not authorize "take" of any listed species. Take is defined as hunt, pursue, catch, capture or kill or attempt to hunt, pursue, catch, capture, or kill. If there is potential for take of any listed species to occur, the Operator shall consult with the Department as outlined in Fish and Game Code Section 2081 and shall obtain the required state and federal threatened and endangered species permits.

2. Avoidance and Minimization Measures

To avoid or minimize adverse impacts to fish and wildlife resources identified above, Permittee shall implement each measure listed below

- 2.1 Work Period. The time period for completing the work within the channel of Butte Creek shall be confined to the period of July 1 to August 30. The time period for completing all other work above the banks, but within the floodplain or stream zone, including, but not limited to, structure construction and septic removal/installation, shall be restricted to periods of low stream flow and dry weather and shall be confined to the period of April 15 to October 15. Construction activities shall be timed with awareness of precipitation forecasts and likely increases in stream flow. Construction activities within the stream zone shall cease until all reasonable erosion control measures, inside and outside of the stream zone, have been implemented prior to all storm events. Revegetation, restoration and erosion control work is not confined to this time period.
- 2.2 Work Period Extensions. At DFG's discretion, the work period may be extended based on the extent of the work remaining, on site conditions and reasonably anticipated future conditions. If the Permittee finds more time is needed to complete the authorized activity, the Permittee shall submit a written request for a work period time extension to DFG. The work period extension request shall provide the following information: 1) Describe the extent of work already completed, 2) Provide specific detail of the activities that remain to be completed within the stream zone, and 3) Detail the actual time required to complete each of

the remaining activities within the stream zone. The work period extension request should consider the effects of increased stream conditions, rain delays, increased erosion control measures, limited access due to saturated soil conditions, and limited growth of erosion control grasses due to cool weather. Photographs of the work completed and the proposed work areas are helpful in assisting DFG in its evaluation. Time extensions are issued at the discretion of DFG. DFG will have ten calendar days to approve the proposed work period extension. DFG reserves the right to require additional measures designed to protect natural resources.

- 2.3 AdvanTex Waste Water Disposal System. The new system shall be installed and maintained by a third party as described in the document "Design Documents and Specifications for Onsite Waste Water Disposal System AdvanTex Treatment System Colusa, CA dated July 2010, stamped by Registered Professional Engineer, David Lyndolswartz, and approved by Colusa County Environmental Health on July 18, 2010. It shall comply with all required conditions from Colusa County Environmental Health and other related permits.
- 2.4 No Equipment in the Water. No equipment shall work in the water.
- 2.5 Bird Nests. It is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird except as otherwise provided by the Fish and Game Code. No trees that contain active nests of birds shall be disturbed until all eggs have hatched and young birds have fledged without prior consultation and approval of a DFG representative.
- 2.6 Vegetation Removal. No native trees or shrubs shall be removed or damaged without prior consultation and approval of a DFG representative. Using hand tools (clippers, chain saw, etc.), trees may be trimmed to the extent necessary to gain access to the work sites. All cleared material/vegetation shall be removed out of the riparian/stream zone.
- 2.7 Sediment Control. Precautions to minimize turbidity/siltation shall be taken into account during project planning and implementation. This may require the placement of silt fencing, coir logs, coir rolls, straw bale dikes, or other siltation barriers so that silt and/or other deleterious materials are not allowed to pass to downstream reaches. Passage of sediment beyond the sediment barrier(s) is prohibited. If any sediment barrier fails to retain sediment, corrective measures shall be taken. The sediment barrier(s) shall be maintained in good operating condition throughout the construction period and the following rainy season. Maintenance includes, but is not limited to, removal of accumulated silt and/or replacement of damaged silt fencing, coir logs, coir rolls, and/or straw bale dikes. Products with plastic monofilament or jute netting (such as found in straw wattles/fiber rolls and some erosion control blankets) shall not be allowed. Wildlife-friendly erosion control and sediment control products that will not entangle snakes and other wildlife shall be used instead. Special provisions shall be included in the bid solicitation package that prohibit the use of monofilament or jute netting. If this is not possible, the contractors, subcontractors and anyone performing erosion or sediment control work on this project, shall be specifically instructed that these

products are not allowed on the work site. The Permittee is responsible for the removal of non-biodegradable silt barriers (such as plastic silt fencing) after the disturbed areas have been stabilized with erosion control vegetation (usually after the first growing season). Upon DFG determination that turbidity/siltation levels resulting from project related activities constitute a threat to aquatic life, activities associated with the turbidity/siltation shall be halted until effective DFG approved control devices are installed or abatement procedures are initiated.

- 2.8 Pollution Control. Utilize Best Management Practices (BMPs) to prevent spills and leaks into water bodies. If maintenance or refueling of vehicles or equipment must occur on-site, use a designated area and/or a secondary containment, located away from drainage courses to prevent the runoff of storm water and the runoff of spills. Ensure that all vehicles and equipment are in good working order (no leaks). Place drip pans or absorbent materials under vehicles and equipment when not in use. Ensure that all construction areas have proper spill clean up materials (absorbent pads, sealed containers, booms, etc.) to contain the movement of any spilled substances. Any substances which could be hazardous to aquatic life, resulting from project related activities, shall be prevented from contaminating the soil and/or entering the waters of the state. Any of these materials, placed within or where they may enter a stream or lake by the Permittee or any party working under contract or with the permission of the Permittee, shall be removed immediately. DFG shall be notified immediately by the Permittee of any spills and shall be consulted regarding clean-up procedures.

3. **Compensatory Measures**

To compensate for adverse impacts to fish and wildlife resources identified above that cannot be avoided or minimized, Permittee shall implement each measure listed below.

- 3.1 Site Restoration. All exposed/disturbed areas and access points within the stream zone left barren of vegetation as a result of the construction activities shall be restored using locally native grass seeds, locally native grass plugs and/or a mix of quick growing sterile non-native grass with locally native grass seeds. Seeded areas shall be covered with broadcast straw and/or jute netted (monofilament erosion blankets are not authorized).

4. **Reporting Measures**

Permittee shall meet each reporting requirement described below.

- 4.1 Start of Work Notification. The Permittee shall notify DFG within two working days of beginning work within the stream zone of Butte Creek. Notification shall be submitted as instructed in Contact Information section below. Email notification is preferred.
- 4.2 Photographs of Completed Work. Upon completion of the project activities described in this agreement, the work area within the stream zone shall be digitally photographed. Photographs shall be submitted to DFG within two days of

completion. Photographs and project commencement notification shall be submitted as instructed in Contact Information section below. Email submittal is preferred. Refer to Notification Number when submitting photographs.

CONTACT INFORMATION

Any communication that Permittee or DFG submits to the other shall be in writing and any communication or documentation shall be delivered to the address below by U.S. mail, fax, or email, or to such other address as Permittee or DFG specifies by written notice to the other. Refer to the project's Notification Number when submitting documents to DFG.

To Permittee:

Colusa Shooting Club
Ed Hulbert
7750 Laux Road
Colusa, CA 95932
ehulbert@cipcorp.com
(530) 458-2110 FAX

To DFG:

Department of Fish and Game
North Central Region
1701 Nimbus Road, Suite A
Rancho Cordova, CA 95670
Attn: Lake and Streambed Alteration Program – Kelley Barker
Notification #1600-2010-0071 R2
Fax: 916-358-2912
kbarker@dfg.ca.gov

LIABILITY

Permittee shall be solely liable for any violations of the Agreement, whether committed by Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents or contractors and subcontractors, to complete the project or any activity related to it that the Agreement authorizes.

This Agreement does not constitute DFG's endorsement of, or require Permittee to proceed with the project. The decision to proceed with the project is Permittee's alone.

SUSPENSION AND REVOCATION

DFG may suspend or revoke in its entirety the Agreement if it determines that Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, is not in compliance with the Agreement.

Before DFG suspends or revokes the Agreement, it shall provide Permittee written notice by certified or registered mail that it intends to suspend or revoke. The notice shall state the reason(s) for the proposed suspension or revocation, provide Permittee an opportunity to correct any deficiency before DFG suspends or revokes the Agreement, and include instructions to Permittee, if necessary, including but not limited to a directive to immediately cease the specific activity or activities that caused DFG to issue the notice.

ENFORCEMENT

Nothing in the Agreement precludes DFG from pursuing an enforcement action against Permittee instead of, or in addition to, suspending or revoking the Agreement.

Nothing in the Agreement limits or otherwise affects DFG's enforcement authority or that of its enforcement personnel.

OTHER LEGAL OBLIGATIONS

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from obtaining any other permits or authorizations that might be required under other federal, state, or local laws or regulations before beginning the project or an activity related to it.

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from complying with other applicable statutes in the Fish and Game Code including, but not limited to, FGC sections 2050 et seq. (threatened and endangered species), 3503 (bird nests and eggs), 3503.5 (birds of prey), 5650 (water pollution), 5652 (refuse disposal into water), 5901 (fish passage), 5937 (sufficient water for fish), and 5948 (obstruction of stream).

The Permittee shall notify DFG where conflicts exist between the provisions of this agreement and those imposed by other regulatory agencies. Unless otherwise notified, the Permittee shall comply with the provision that offers the greatest protection to water quality, species of special concern and/or critical habitat.

Nothing in the Agreement authorizes Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, to trespass.

AMENDMENT

DFG may amend the Agreement at any time during its term if DFG determines the amendment is necessary to protect an existing fish or wildlife resource.

Permittee may amend the Agreement at any time during its term, provided the amendment is mutually agreed to in writing by DFG and Permittee. To request an amendment, Permittee shall submit to DFG a completed DFG "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the corresponding amendment fee identified in DFG's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

TRANSFER AND ASSIGNMENT

This Agreement may not be transferred or assigned to another entity, and any purported transfer or assignment of the Agreement to another entity shall not be valid or effective, unless the transfer or assignment is requested by Permittee in writing, as specified below, and thereafter DFG approves the transfer or assignment in writing.

The transfer or assignment of the Agreement to another entity shall constitute a minor amendment, and therefore to request a transfer or assignment, Permittee shall submit to DFG a completed DFG "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the minor amendment fee identified in DFG's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

EXTENSIONS

In accordance with FGC section 1605(b), Permittee may request one extension of the Agreement, provided the request is made prior to the expiration of the Agreement's term. To request an extension, Permittee shall submit to DFG a completed DFG "Request to Extend Lake or Streambed Alteration" form and include with the completed form payment of the extension fee identified in DFG's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5). DFG shall process the extension request in accordance with FGC 1605(b) through (e).

If Permittee fails to submit a request to extend the Agreement prior to its expiration, Permittee must submit a new notification and notification fee before beginning or continuing the project the Agreement covers (FGC, § 1605, subd. (f)).

EFFECTIVE DATE

The Agreement becomes effective on the date of DFG's signature, which shall be: 1) after Permittee's signature; 2) after DFG complies with all applicable requirements under the California Environmental Quality Act (CEQA); and 3) after payment of the applicable FGC section 711.4 filing fee listed at http://www.dfg.ca.gov/habcon/ceqa/ceqa_changes.html.

TERM

This Agreement shall expire five years from the date signed by DFG, unless it is terminated or extended before then. All provisions in the Agreement shall remain in force throughout its term. Permittee shall remain responsible for implementing any

provisions specified herein to protect fish and wildlife resources after the Agreement expires or is terminated, as FGC section 1605(a)(2) requires.

AUTHORITY

If the person signing the Agreement (signatory) is doing so as a representative of Permittee, the signatory hereby acknowledges that he or she is doing so on Permittee's behalf and represents and warrants that he or she has the authority to legally bind Permittee to the provisions herein.

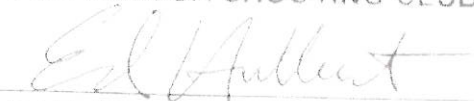
AUTHORIZATION

This Agreement authorizes only the project described herein. If Permittee begins or completes a project different from the project the Agreement authorizes, Permittee may be subject to civil or criminal prosecution for failing to notify DFG in accordance with FGC section 1602.

CONCURRENCE

The undersigned accepts and agrees to comply with all provisions contained herein.

FOR COLUSA SHOOTING CLUB



Ed Hulbert

Title: *Project Manager / Owner*

9/1/10

Date

FOR DEPARTMENT OF FISH AND GAME



Kent Smith

Regional Manager

9/8/10

Date

Prepared by: Kelley Barker
Environmental Scientist