INITIAL STUDY AND NEGATIVE DECLARATION
FOR THE
LAKE SISKIYOU NET PEN PROJECT
AT LAKE SISKIYOU

SISKIYOU COUNTY

The Project

The purpose of the Lake Siskiyou Net Pen Project (LSNPP) is to enhance Lake Siskiyou's fishery to benefit anglers by creating excitement about the creation of a trophy trout program. The goal of the project is to increase angler participation, namely with youth and families, through incentivized fishing by providing better opportunity to catch trophy sized trout. Furthermore, this project will provide community education opportunities about fisheries and wildlife management through interpretive signage near the net pens and hosted community events.

The project will use a portion of the already existing trout stocking allotment, place trout in net pens for approximately 30 weeks, and feed them an optimum diet based on their size and water temperatures, until their eventual release into the reservoir.

The Findings

The project will have a less than significant impact on biological resources and greenhouse gas emissions. The project will have little to no impact to aesthetics, agriculture and forestry, air quality, cultural resources, geology and soils, hazards and hazardous materials, hydrology and water quality, land use planning, mineral resources, noise, population and housing, public services, recreation, transportation and traffic, and utilities and service systems.

Basis of the Findings

Based on the initial study, the California Department of Fish and Wildlife (CDFW) finds that implementing the proposed project will have a less than significant to no impact on the environment. Therefore, a negative declaration is being filed pursuant to the California Environmental Quality Act, Public Resource Code Section 21080 (c2). This negative declaration consists of the following:

- Project Description and Background Information
- Initial Study and Environmental Checklist Form
- Explanation of Responses to the Initial Study and Environmental Checklist
- Exhibit A: Statement of Work
- Exhibit B: Location Map

PROJECT DESCRIPTION AND BACKGROUND INFORMATION
FOR
LAKE SISKIYOU NET PENPROJECT
AT LAKE SISKIYOU

SISKIYOU COUNTY

Introduction

The LSNPP in Mount Shasta, California, is subject to review under the California Environmental Quality Act (CEQA) (Public Resource Code, §21000-21178).

This project is supported by Siskiyou County, Mount Shasta Rotary Foundation (MSRF), Kokanee Power and the local community. The project was requested by members of the MSRF, and CDFW agreed to work with stakeholders to enable this project to occur. The local community supports this project to provide an added benefit to the recreational fishery at Lake Siskiyou. This initial study and negative declaration analyze the environmental impacts that may result from the implementation of the proposed LSNPP.

Project goals and objectives

The goal of LSNPP is to increase angler opportunities by enhancing Lake Siskiyou's trout fishery by creating a trophy trout program. In addition the project objective is to increase angler participation, namely with youth and families, through incentivized fishing by providing better opportunity to catch trophy sized trout. The project's intent is to provide a large catchable size trout that would be too costly for a hatchery to produce.

It is CDFW's objective to implement this project as it will not cause a significant adverse effect on the environment, or reduce or restrict the range of an endangered, threatened, or rare species.

Background

From 2012 - 2016, California's four-year drought affected many aquatic species including recreational inland recreational fisheries. Flow reductions and increased water temperatures have reduced survival of many fish species in California. Many anglers and other stakeholders feel that the lack of adequate stream conditions have led anglers to concentrate their angling efforts within reservoirs instead of streams. Therefore increased angler effort on these waterbodies may affect the quality of the angling experience without modification or supplementation.

Project Location

Lake Siskiyou is a man-made reservoir created by Box Canyon Dam on the Upper Sacramento River, which is located in Siskiyou County (N41.2798745, W122.3294558). The LSNPP will occur at service docks on Lake Siskiyou, which is southwest of the town of Mt. Shasta, Siskiyou County, California. The docks are situated in the southwest corner of the reservoir. The reservoir also supports a good recreational fishery that is currently stocked with catchable trout by CDFW annually. A five-mile per hour speed limit on the reservoir also reduces speeding boat traffic, which results in un-interrupted angling. Anglers use the boat ramp to access the reservoir to fish for trout and black bass. Most angling occurs during the spring through fall months, and trolling is the most common fishing technique that occurs. Currently no fishing contests have been requested for the reservoir.

Schedule

If the project is approved the program is expected to occur by the end of February 2018 Specific dates for fish delivery will be scheduled in early November 2018 and are dependent on fish size, growth rates and environmental conditions. The release of the trout will occur before the water temperatures reach 17°C.

Project Description

No more than three floating net pens will be placed at the service docks. The net pens will be approximately 3 x 5 x 3 meters in size. The pens will be rectangular, built to withstand storm damage and constructed out of environmentally friendly materials. The net pens will normally moored to the marina dock or tethered and anchored to offshore moorings in case of low water or during dock repair. The net pens will rest in waters no less than 6 meters deep, and will not interfere with reservoir access, cause congestion at the launch ramp, or pose a risk to swimmers, as the designated swimming area is approximately 970 meters away from the marina. The pens will be floating, but submerged beneath the surface of the lake with only the pen's top exposed. The docks that will be used to moor the net pens are associated with the launch ramp, and there is ample space to allow moored vessels to move in and out of the slips while the net pens are tied to the dock.

The pens may be removed during times of non-operation and returned to the reservoir when the project restarts operation. CDFW staff, MSRF volunteers and marina staff, will assist when trout are placed in the net pens in early November or December annually, and will oversee the care of those trout during rearing, for release the following spring. No ground disturbance will occur as a part of this project.

The CDFW will provide approximately 900 (250-300 per cage) Rainbow Trout

(*Oncorhynchus mykiss*) to be placed in three net pens. Each truck will bring approximately 250 trout for each net pen from one of CDFW's local trout hatcheries. To reduce stress and improve trucking survival, the holding tanks on the trucks will have salt added to them. A large, gravity-fed pipe will be used to move trout from the truck to the net pens. If ramp conditions are deemed too dangerous due to weather conditions, other means of trout introductions may be employed, by buckets or by boat if necessary.

All fish designated for the LSNPP will be evaluated and "approved for stocking" by a CDFW fish health specialist before stocking. As with any fish stocked in California waters by CDFW, only disease-free fish can leave the hatchery and be brought to Lake Siskiyou.

LSNPP will use newly constructed net pens for this project. Net pens are approximately 3 x 5 x 3 meters in size with weighted nets for stability. Once the net pens are assembled, they will be carried to the launch ramp, lowered into the water, and guided into position at the marina. Once the net pens are secure and functionally properly, fish will be released into the net pens.

CDFW staff will advise in the daily feeding and care for the duration of the annual project. The operation window for the project will be November through May. CDFW may provide replacement fish in case of fish escapement or vandalism. The LSNPP program is forecasted to be reviewed after a 5- year period and renewal of the project will be determined based on the review results.

Environmental Assessment

This project will have a less than significant impact on biological resources at Lake Siskiyou and its surrounding areas. Furthermore, the implementation of this project will utilize existing and successful methods developed by CDFW for stocking and raising fish in net pens. The CDFW's California Natural Diversity Database (CNDDB) was reviewed to identify threatened, endangered, or rare species found in and around the project area. CDFW has determined that this project does not pose a potential negative impact on the environment and recommends the implementation of the project.

INITIAL STUDY and ENVIRONMENTAL CHECKLIST FORM

1. Project Title: Lake Siskiyou Net Pen Project (LSNPP)

2. Lead Agency Name and Address:

   California Department of Fish and Wildlife
   Inland Fisheries Program
   601 Locust Street
   Redding, CA 96001

3. Contact Person and Phone Number:

   Monty Currier
   Environmental Scientist
   CDFW, Northern Region
   Inland Fisheries
   601 Locust Street,
   Redding, CA 96001
   (530) 225-2368

4. Project Location: Siskiyou County, Lake Siskiyou located at 4239 WA Bar Road, Mt. Shasta, CA 96067

5. Project Sponsor's Name and Address:

   Mt. Shasta Rotary Foundation
   P.O. Box 23
   Mt. Shasta, CA 96067

6. General Plan Designation: Siskiyou County's General Plan designation for the project and surrounding area is high erosion, winter deer feeding, wildfire hazard, and wood production.

7. Zoning: Siskiyou County's General Plan zoning for the project and surrounding area is RRB40, rural, residential and agriculture with a 40-acre minimum requirement.

8. Description of Project: Three or fewer three floating net pens will be used for the Project. The net pens will be approximately 3 x 5 x 3 meters in size. The pens will be rectangular, built to withstand storm damage and constructed out of environmentally friendly materials. The net pens will be moored to the marina dock or tethered and anchored to offshore moorings. The net pens will rest in waters no less than 6 meters deep, and will not interfere with reservoir access, cause congestion at the launch ramp, or pose a risk to swimmers, as the designated swimming area is approximately 970 meters away from the boat ramp. The docks that will be used to moor the net pens are associated with the launch ramp, and there is ample space to allow moored vessels to move in and out of the slips while the net pens are tied to the dock.

   The pens may be removed during times of non-operation, and returned to the reservoir when the project restarts operation. CDFW staff, MSRF volunteers and marina staff, will assist when trout are placed in the net pens in early November or December annually, and will oversee the care of those trout during rearing, for release the following spring. No ground disturbance will occur as a part of this project.

   The LSNPP program will be reviewed on an ongoing basis and comprehensively after a 5-year period by CDFW Inland Fisheries staff. Staff will evaluate project

components (hatchery and net pen operations, and angler feedback) and make recommendations to continue or discontinue the project based on that review and meeting the project goal. An MOU between the MSRF and CDFW has been developed for the project, which will also be reviewed during the same 5-year review period.

9. Surrounding Land Uses and Setting:

Lake Siskiyou marina is located on the southwest corner of Lake Siskiyou and is a part of the 200-acre parcel currently known as Reynolds Resort. Lake Siskiyou is a recreational lake open to the public. The resort is a few miles to the southwest of Mt. Shasta, CA. The resort has hiking trails, 360 camping sites, restaurant, cabins, swim beach, restrooms, laundry and grocery store. Lake Siskiyou's surrounding alpine vegetation consist of mixed conifers and located near the Mount Shasta Wilderness.

10. Other Public Agencies Whose Approval Is Required: None

11. Environmental Factors Potentially Affected:

The environmental factors checked below could potentially be affected by this project, involving "Less Than Significant Impacts" as indicated by the checklist on the following pages.

X	Aesthetics	□	Agriculture and Forestry	□	Air Quality
□	Biological Resources	□	Cultural Resources	□	Geology/Soils
□	Greenhouse Gas Emissions	□	Hazards and Hazardous Materials	X	Hydrology/Water Quality
□	Land Use/Planning	□	Mineral Resources	□	Noise
□	Population/Housing	□	Public Services	□	Recreation
□	Transportation/Traffic	□	Utilities/Service Systems	□	Mandatory Findings of Significance

Based on the initial evaluation this project will **not** have a "Potentially Significant Impact" on any of the environmental factors listed above.

DETERMINATION:

On the basis of this initial evaluation:

X	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 th 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, an 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 applicabl 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.

Curt Babcock, Environmental Program Manager, Habitat Conservation — Date: 4/11/18

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
I. AESTHETICS: Would the project:				
a) Have a substantial adverse effect on a scenic vista?	□	□	X	□
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	□	□	□	X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	□	□	□	X
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	□	□	□	X
II. AGRICULTURE AND FOREST 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. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.				

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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?	□	□	□	X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	□	□	□	X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	□	□	□	X
d) Result in the loss of forest land or conversion of forest land to non-forest use?	□	□	□	X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	□	□	□	X
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?	□	□	□	X
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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)?	□	□	□	X
d) Expose sensitive receptors to substantial pollutant concentrations?	□	□	□	X
e) Create objectionable odors affecting a substantial number of people?	□	□	□	X
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 Wildlife 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, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	□	□	□	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?	□	□	□	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?	□	□	□	X

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	□	□	□	X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	□	□	□	X
V. CULTURAL RESOURCES: Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	□	□	□	X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	□	□	□	X
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	□	□	□	X
d) Disturb any human remains, including those interred outside of formal cemeteries?	□	□	□	X
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:	□	□	□	X
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?	□	□	□	X
ii) Strong seismic ground shaking?	□	□	□	X
iii) Seismic-related ground failure, including liquefaction?	□	□	□	X
iv) Landslides?	□	□	□	X
b) Result in substantial soil erosion or the loss of topsoil?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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?	□	□	□	X
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?	□	□	□	X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	□	□	□	X
VII. GREENHOUSE GAS EMISSIONS: Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	□	□	□	X
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	□	□	□	X
VIII. 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?	□	□	□	X
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?	□	□	□	X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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?	□	□	□	X
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?	□	□	□	X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	□	□	□	X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	□	□	□	X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	□	□	□	X
IX. HYDROLOGY AND WATER QUALITY: Would the project:				
a) Violate any water quality standards or waste discharge requirements?	□	□	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 preexisting nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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?	□	□	□	X
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?	□	□	□	X
e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?	□	□	□	X
f) Otherwise substantially degrade water quality?	□	□	X	□
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?	□	□	□	X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	□	□	□	X
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?	□	□	□	X
j) Inundation by seiche, tsunami, or mudflow	□	□	□	X
X. LAND USE AND PLANNING: Would the project:				
a) Physically divide an established community?	□	□	□	X
b)Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including,	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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?	□	□	□	X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	□	□	□	X
XI. 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?	□	□	□	X
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?	□	□	□	X
XII. 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?	□	□	□	X
b) Exposure of persons to or generation of excessive ground borne vibration or ground borne noise levels?	□	□	□	
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	□	□	□	X
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	□	□	□	X
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?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	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?	□	□	□	X
XIII. 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)?	□	□	□	X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	□	□	□	X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	□	□	□	X
XIV. 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 maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	□	□	□	X
Police protection?	□	□	□	X
Schools?	□	□	□	X
Parks?	□	□	□	X
Other public facilities?	□	□	□	X
XV. RECREATION:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
substantial physical deterioration of the facility would occur or be accelerated?	□	□	□	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?	□	□	□	X
XVI. TRANSPORTATION/TRAFFIC: Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	□	□	□	X
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	□	□	□	X
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?	□	□	□	X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	□	□	□	X
e) Result in inadequate emergency access?	□	□	□	X
f) Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
such facilities?				
XVII. UTILITIES AND SERVICE SYSTEMS: Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	□	□	□	X
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?	□	□	□	X
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?	□	□	□	X
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	□	□	□	X
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 project's projected demand in addition to the provider's existing commitments?	□	□	□	X
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	□	□	□	X
g) Comply with federal, state, and local statutes and regulations related to solid waste?	□	□	□	X

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
XVIII. 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, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	□	□	□	X
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 of probable future projects)?	□	□	□	X
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	□	□	□	X

EXPLANATION OF RESPONSES TO INITIAL STUDY and ENVIRONMENTAL CHECKLIST

I. AESTHETICS

a) The LSNPP will not have an adverse effect on a scenic vista. The net pens will be tied to the dock or to an anchored mooring and the majority of the structures will be below the water line. Only up to three net pens will be in the water at any one time. When the project is not in operation (May-September), the net pens may be taken out of the water.

b) The project will not damage scenic resources such as trees, rock outcroppings, and historic buildings. Such an impact will not occur because the project will not disturb large trees or other scenic features in the process of transferring the fish from the fish transfer truck to the net pen.

c) The project will not substantially degrade the existing visual character or quality of the work sites and their surroundings.

d) The project will not create a new source of light or glare. These net pens do not have lighting.

II. AGRICULTURE RESOURCES

a) The LSNPP will not 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 (FMMP) of the California Resources Agency, to non-agricultural use. The project is not located on FMMP-designated farmland and no impacts will occur with this project.

b) The project will not conflict with existing zoning for agricultural use or a Williamson Act contract. The net pens will not change existing land use and no zoning conflict or impacts will occur.

c) The project will not conflict with existing zoning for, or cause rezoning of, forestland, timberland, or timber zoned Timberland Production. The net pens will not change existing land use and no impacts will occur.

d) There will be no loss of forestland and the project will not result in the conversion of forestland to non-forest use. The project is located at Lake Siskiyou and no adverse impacts will occur.

e) The project will not involve other changes in the existing environment, which due to their location or nature, could result in conversion of Farmland to non-agricultural use. Net pen project is not a terrestrial activity and no adverse impacts will occur.

III. AIR QUALITY

a) The LSNPP will not conflict with or obstruct implementation of the applicable air quality plan. Such an impact will not occur because implementation of the project does not create any features that would be a source of air pollution. This project will not conflict or obstruct with implementation of applicable air quality plans.

b) The project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation. Such an impact will not occur because of the limited scope of the net pen rearing activity.

c) The project will not 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 that exceed quantitative thresholds for ozone precursors). Such an impact will not occur because the project involves no ongoing sources of air pollution.

d) The project will not expose sensitive receptors to substantial pollutant concentrations. Such an impact will not occur because the project will not increase pollutant concentrations.

e) The project will not create objectionable odors affecting a substantial number of people.

IV. BIOLOGICAL RESOURCES

CDFW used the California Natural Diversity Database (CNDDB) to determine presence, status, and locations of rare plants and animals within the quadrant. The database query included a 1-mile radius (exhibit A1) all candidate, threatened and endangered species in the area.

a) The LSNPP will not have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status in local or regional plans, policies, or regulations, or by the CDFW or U.S. Fish and Wildlife Service (USFWS).

This project does not include any habitat modifications and will not have substantial impacts, either directly or indirectly, on any listed species. Neither plant nor terrestrial species will experience impacts associated with this project. This project's footprint is limited to the net pen placed adjacent to existing facilities.

The CDFW will provide approximately 900 (250-300 per cage) Rainbow Trout (*Oncorhynchus mykiss*) to be placed in up to three net pens. These fish will stay in the pens for approximately 8 months, then be released into that reservoir. The LSNPP trout are part of the existing Lake Siskiyou stocking allotment. Once release is complete, the net pens will be seasonally inspected to assess condition and repairs will be completed as needed.

1. **Fish:**

Rainbow Trout (*Onchorhynchus mykiss)*

The fish being used for the LSNPP are Rainbow Trout (*Oncorhynchus mykiss*), which are native to California, and Lake Siskiyou has been stocked with Rainbow Trout since the construction of Box Canyon Dam in 1965. The LSNPP is a small, long-term project with a goal of improving angling participation at the reservoir. The project will not have an adverse impact on Rainbow Trout.

Steelhead Trout (*Onchorhynchus mykiss)*

Central Valley Steelhead are federally listed as Threatened. Steelhead are migratory and once spawned in the upper Sacramento River and several tributaries, however due to the construction of Keswick Dam, Shasta Dam and Box Canyon Dam in the watershed, migratory pathways have been cut off and spawning is no longer possible. Steelhead and other anadromous species are presumed extant. The project will not have an adverse impact on Steelhead.

Chinook Salmon (*Onchorhynchus tshawytscha*)

Chinook Salmon have four distinct run-timings in the Sacramento River basin, however due to the construction of Keswick Dam, Shasta Dam and Box Canyon Dam in the watershed, migratory pathways have been cut off and spawning is no longer possible. The project will not have an adverse impact on Chinook Salmon.

2. Amphibians:

The LSNPP will not have an adverse impact to Foothill Yellow-Legged Frogs (*Rana boylii*) or Cascades Frogs (*Rana cascadae)*. The trout that will be placed into the net pens are included with in the scheduled stocking allotments for the lake. No additional fish will be added to the Lake Siskiyou's allotment. The stocking of Lake Siskiyou has been authorized by the biological impact reviews associated with the pre-stocking evaluations, which are allowed by the 2010 CDFW's/ EIR document, Appendix K: Mitigation Strategies for the Effects of Fish Stocking, and can be found at: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=15319.

All activities associated with the staging and implementation of the project will occur in a parking lot and directly in Lake Siskiyou. Net pen trout held in the enclosures and fish releases will occur within the reservoir. The trout will remain in the reservoir and will have very little overlap with preferred habitats of amphibians. All daily feeding activities take place in the water and impacts to the environment will be minute. Listed frogs are not present at the assembly, feeding, or release locations.

Foothill Yellow-Legged Frog (*Rana boylii*)

The project will not have an adverse impact on Foothill Yellow-Legged Frog.

Cascades Frog (*Rana cascadae*)

The project will not have an adverse impact on Cascades Frog.

3. Birds:

The LSNPP project will not have adverse impacts to avian species. This project is active for 7 to 8 months of the year. Net pen assembly will occur using hand tools and take place in the parking lot, with no expected impacts to birds. Net pen activities and release of trout will occur at the location of the net pens. A bird exclusion net will be installed if found to be necessary. Existing human activities in the area, and the location/operations of the project, preclude interactions with listed bird species.

Bald Eagles *(Haliaeetus leucocephalus)*

The net pens will be submerged in the reservoir and will not create an attractant for predatory birds. This project will not have an adverse impact on Bald Eagles.

Osprey *(Pandion haliaetus)*

The net pens will be submerged in the reservoir and will not likely create an attractant for predatory birds. The pen is designed with a wire mesh top preventing bird entanglement. This project will not have an adverse impact on Ospreys.

Bank Swallow *(Riparia riparia)*

This project will not have an adverse impact on Bank Swallows.

Great Blue Herron (*Ardea herodias*)

This project will not have an adverse impact on Great Blue Herrons.

Western yellow- billed cuckoo (*Coccyzus americanus occidentalis*)

This project will not have an adverse impact on Western Yellow-Billed Cuckoos.

Yellow Rail (*Coturnicops noveboracensis)*

This project will not have an adverse impact on Yellow Rails.

4. Bats:

The LSNPP will not have adverse impacts to bats. Net pen assembly will occur in the parking lot. Net pen activities and trout release will occur in the lake and all activities take place in the water. This project occurs during daylight. Human activities in the area and the location of the project preclude interactions with bats. This project will not have an adverse impact on bats.

5. Insects:

The LSNPP will not have adverse impacts to listed insect species. Net pen assembly will occur in the parking lot and not affect insects. The net pens will be trailered down the boat ramp and released into the water. Net pen activities and trout release will occur in the lake and all activities take place in the water. This project will not adversely affect any listed insect species, as their preferred habitat is not asphalt or water.

Western Bumble Bee (*Bombus occidentalis*)

Typically Western Bumble Bee nests are underground in abandoned rodent burrows or other cavities. Most reports of *B. occidentalis* nests are from underground cavities such as old squirrel or other animal nests and in open west-southwest slopes bordered by trees, although a few nests have been reported from above-ground locations such as in logs among railroad ties. Availability of nests sites for *B. occidentalis* may depend on rodent abundance. Net pens being in close proximity to the lake shore will limit the potential of burrows being present and will not affect the Western Bumble Bee. This project will not have an adverse impact on the Western Bumble Bee.

6. Animals:

The LSNPP will not have adverse impacts to listed animal species. Net pen assembly will occur in the parking lot at the South Launch Ramp. The net pens will be trailered down the boat ramp and released into the water. Net pen and fish release will occur in the lake and all activities take place in the water.

Fisher *(Pekania pennanti)*

The Fisher is a coniferous forest-dwelling creature and is an omnivore with the preferred food being small animals, rarely eating fish. The net pens will be in an area of human activity thus discouraging Fisher encounters at the project site. This project will not have an adverse impact on animals.

7. Plants:

The LSNPP will not have adverse impacts to listed plant species. Net pen assembly will occur in the parking lot at the South Launch Ramp. The net pens will be trailered down the boat ramp and released into the water. Net pen all activities take place in the water.

Northern adder's tongue *(Ophioglossum pusillum)*

The project location is lower in elevation and does not support Northern adder's tongue. This project will not have an adverse impact on Northern adders tongue.

Shasta chaenactis *(Chaenactis suffrutescens)*

Net pen assembly will occur in the parking lot at the South Launch Ramp. The net pens will be trailered down the boat ramp and released into the water. Net pen all activities take place in the water. Shasta chaenactis preferred habitat is serpentine soils and this plant is dormant during the proposed project operation period, which are late November through late April annually. This project will not adversely impact Shasta chaenactis.

a) The project will not 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 Wildlife or US Fish and Wildlife Service.

b) The project will not 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.

c) The project is consistent with reservoir uses and will have no impact to wetlands or hydrologic function.

d) The project will not 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.

e) The project will not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. Conflicts with local policies and ordinances are not anticipated.

f) The project will not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. None occurs in the project area.

V. CULTURAL RESOURCES

a) The project will not cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5. There is no ground disturbing work and thus no potential to affect historical resources.

b) The project will not cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5. There is no ground disturbing work and thus no potential to affect archaeological resources.

c) The project will not directly or indirectly destroy any unique paleontological resources or sites, or unique geologic features. There is no ground disturbing work and thus no potential to affect paleontological resources.

d) The project will not disturb any human remains, including those interred outside of formal cemeteries. There is no ground disturbing work and thus no potential to affect human remains.

VI. GEOLOGY AND SOILS

a) The project will not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault. Such an impact will not occur because the net pens will be tied to an existing dock. There is no ground disturbing work.

b) The project will not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking. Such an impact will not occur because the net pens will use existing dock or moorings. There is no ground disturbing work.

c) The project will not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving landslides. Such an impact will not occur because the net pens will use the existing dock. There is no ground disturbing work.

e) The project will not be located on a geologic unit or soil that unstable, or that would become unstable and potentially result in on- or off- site landslides, lateral spreading, subsidence, liquefaction, or collapse. Such an impact will not occur with this project.

f) The project will not 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. Such an impact will not occur because the project does involve ground-disturbing work.

g) The project will not create any sources of wastewater requiring a septic system.

VII. GREENHOUSE GAS EMISSIONS

a. The project will emit greenhouse gases (GHG) through the use of fuel to transport the trout from the hatchery to Lake Siskiyou and the transport of net building material to the project site. This project will consist of one pick-up truck and trailer hauling the net pens to the lake and one fish transport truck hailing fish from the hatchery to the lake. Hatchery transporting and stocking of fish is an existing and ongoing practice of CDFW in Lake Siskiyou. Although at least two DFW hatchery-stocking trips will occur due to the net pen project, it is not significant in terms of greenhouse gas emissions. This project will not have significant impacts to the environment.

b. The project will not conflict with an applicable plan, policy, or regulation adopted for reducing the emissions of GHG because the CO_2 emissions are minimal.

VIII. HAZARDS AND HAZARDOUS MATERIALS

a) The project will not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials. This project does not use hazardous materials.

b) The project will not 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. This project does not use hazardous materials.

c) The project will not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. This project does not use hazardous materials.

d) The project is not located on any site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5.

e) The project is not located within an airport land use plan. The project does not conflict with a land use plan.

f) The project is not located within the vicinity of a private airstrip.

g) The project will not impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan. The pick-up truck hauling the trailer with the net pen will fit into existing marked parking spots for trucks and trailers and will not block access to the parking lot, or launch ramp. The project is not located on land and does not impact roads.

h) The project will not expose people or structures to a significant risk of loss, injury, or death involving wild land fires. The project is not located on land.

IX. HYDROLOGY AND WATER QUALITY

a) The fecal matter from the trout in the net pens for up to eight months per year will not pose significant water quality standard issues because fish will only be fed the necessary amounts of food required for growth. To reduce overfeeding and the potential water quality impacts associated with overfeeding, the trout will be fed floating food with an automated feeder. Each feeding period will occur for a matter of seconds several times a day and controlled by human oversight of the feeders. This will assure that the majority of the fish food will be consumed and not fall into the lake bottom, which could otherwise potentially cause water quality issues. The project will not violate any water quality standards or waste discharge requirements.

b) The project will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge. This project does not use groundwater for any aspect of the project.

c) The project will not substantially alter the existing drainage pattern of the work sites in a manner that would result in substantial erosion or siltation on- or off-site. This project does not change any physical structures at the project site.

d) The project will not substantially alter the existing drainage pattern of the work sites, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site. This project does not alter drainage patterns on the project site.

e) The project will not create or contribute runoff water that would exceed the capacity of existing or planned storm-water drainage systems, or provide substantial additional sources of polluted runoff. This project does not create runoff water. This project will not substantially degrade water quality.

f) The project will not substantially degrade water quality. The fecal matter from the trout will not result in significant water quality issues since the trout will only be fed the necessary amounts of feed required for growth. To reduce overfeeding and the potential water quality impacts associated with overfeeding the trout will be fed floating food with an automated feeder. No adverse impacts are anticipated from this project. It is the responsibility of the MSRF to comply with any water quality requirements of the State Water Resource Control Board.

g) The project will not place housing within a 100-year flood hazard area as mapped on any flood hazard delineation map. No housing will be created as part of this project.

h) The project will not place structures within a 100-year flood hazard area, which would significantly impede or redirect flood flows. Only minimal frame structures will be constructed as part of this project. The net pens will be kept free of algae and debris and clean nets will allow free exchange of water flow. This project will not significantly impede or redirect flows.

i) The project will not expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding because of the failure of a levee or dam.

j) The project will not expose people or structures to a significant risk of inundation by seiche, tsunami, or mudflow. No personnel will be stationed at the project site permanently. The exposure to significant risk of inundation by natural event is minimal.

X. LAND USE AND PLANNING

a) The project will not physically divide an established community. The net pens will be located in the reservoir attached to the dock and not on land.

b) The project does not 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.

c) The release of Rainbow Trout is within its native existing range. There is no anticipated conflict with any Habitat Conservation or Natural Community Conservation plan.

XI. MINERAL RESOURCES

a) The project will not 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. The net pens will be located in the water and there will be no impact to mineral resources.

b) The project will not 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. Such an impact will not occur because no mineral resource recovery sites occur at Lake Siskiyou.

XII. NOISE

a) The project will not result in 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. The tools required to assemble the net pens are limited to hand tools. The tools are not expected to exceed noise level standards. Furthermore, heavy equipment will not be used to implement the project. The net pens will be assembled near the ramp parking lot before the delivery of the trout.

b) The project will not result in exposure of persons to, or generation of, excessive ground-borne vibration or ground-borne noise levels. Such an impact will not occur because there will be no groundwork required to assemble the net pens.

c) The project will not result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project. Such an impact will not occur because the project will be carried out with minimal human effort, net pen assembly will not use heavy equipment, all actions will occur at the dock without and mechanical noise.

d) The project will not result in a substantial temporary, or periodic, increase in ambient noise levels in the project vicinity above levels existing without the project. Such an impact will not occur because only minor amounts of noise will be generated temporarily while the net pens are assembled.

e) The project will not expose people residing or working near the project area to excessive noise levels. The only source of ambient noise will only be during net pen assembly and stocking.

f) The project site is not located within the vicinity of a private airstrip and will not expose people residing in the project area to excessive noise levels.

XIII. POPULATION AND HOUSING

a) The project will not induce substantial population growth in an area, either directly or indirectly. Such an impact will not occur because the project will not construct any new homes, businesses, roads, or other human infrastructure.

b) The project will not displace any existing housing and will not necessitate the construction of replacement housing elsewhere.

c) The project will not displace any people and will not necessitate the construction of replacement housing elsewhere.

XIV. PUBLIC SERVICES

a) The project will not have any significant environmental impacts associated with new or physically altered governmental facilities. This project is temporary and does not require new or additional services of fire protection, police protection, schools, parks or other public facilities.

XV. RECREATION

a) The increase of the use of existing neighborhood and regional parks, or other recreational facilities will be less than significant due to project implementation. The project will likely enhance an existing recreational fishery. Fishing regulations and hatchery production will not change because of this project, however, the project may increase the use of the lake for angling purposes. Any increase in angling is

not expected to be significant as the project does not change fishing regulations, but the goal is the project will likely enhance the fishing experience by providing better chances of catching trophy fish.

Use of the launch ramp to load fish into the net pens will not interfere with normal launch ramp use. The fish delivery trucks will back down the end of the launch ramp for approximately 20 minutes while trout are off-loaded into the net pens. Ample space will be available for recreational boaters to launch their boats during this process.

b) The project is located at Lake Siskiyou and may increase the use of the lake for angling purposes. However, the increase is not expected to be significant, as the project does not change fishing regulations. There will be no construction or expansion of recreational facilities. The project is designed to enhance an existing fishery.

XVI. TRANSPORTATION/TRAFFIC

a) The project may increase the traffic to Lake Siskiyou due to the enhancement of trout fishing; however, fishing regulations will not change and the number of anglers are not anticipated to change. The project will have a less than significant impact on any applicable plans, ordinances or policies that establish measures of effectiveness for the performance of the circulation systems.

b) The project will not conflict, either individually or cumulatively, with any applicable congestion program established by the county congestion management agency for designated roads or highways. Such an impact will not occur because the commercial and recreational fishing enhancement project will not produce a significant amount of traffic.

c) The project will not result in any change in air traffic patterns.

d) The project will not alter terrestrial features or is incompatible with uses of equipment.

e) The project will not alter emergency access. The project does not involve construction not will it block access to roads or the boat launch.

f) The project will not significantly affect parking capacity or demand for parking. The project is not expected to increase transportation to the Mount Shasta area. The parking facilities at Camp Siskiyou are sufficient for recreational and commercial fishing.

XVII. UTILITIES AND SERVICE SYSTEMS

a) The project will not produce wastewater.

b) The project will not require, or result in the construction of, new water or wastewater treatment facilities or expansion of existing facilities. The project will not produce wastewater.

c) The project will not construct new storm water drainage facilities or expansion of existing facilities.

d) The project will not use existing water supplies.

e) The project will not produce wastewater.

f) The project will not generate solid waste requiring disposal in a landfill.

g) This project will comply with federal, state, and local statutes regarding solid waste. Accumulation of trout fecal matter below the net pens is expected to be minimal Water quality issues will be negated due to regimented feeding times and low numbers of trout to be held during the project. There will be no other source of solid waste. No adverse impacts are anticipated from this project.

XVIII. MANDATORY FINDINGS OF SIGNIFICANCE

a) The project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species. Nor does the project 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. This project does not affect the habitat of fish and wildlife species and has already been considered during the pre- stocking evaluation protocols documented at: https://nrm.dfg.ca.gov/PSEP/Default.aspx.

b) The project does not have adverse impacts that are individually limited, but cumulatively considerable. Cumulatively, impacts associated with this project is less than significant. Individual and cumulative assessments would be necessary for any future projects.

c) The project does not have environmental effects that will cause substantial adverse effects on humans, either directly or indirectly.

Exhibit A
Statement of Work

Under the direction of the California Department of Fish and Wildlife (CDFW), the following conditions and terms, Mount Shasta Rotary Foundation (MSRF) will fulfill the following:

1. MSRF is responsible for caring for approximately 900-Rainbow Trout from one of CDFW's Fish Hatcheries. The CDFW will deliver trout to the receiving site at Lake Siskiyou. The MSRF will be required to receive the trout into the net pens, provide daily care, report fish conditions and coordinate release the trout.

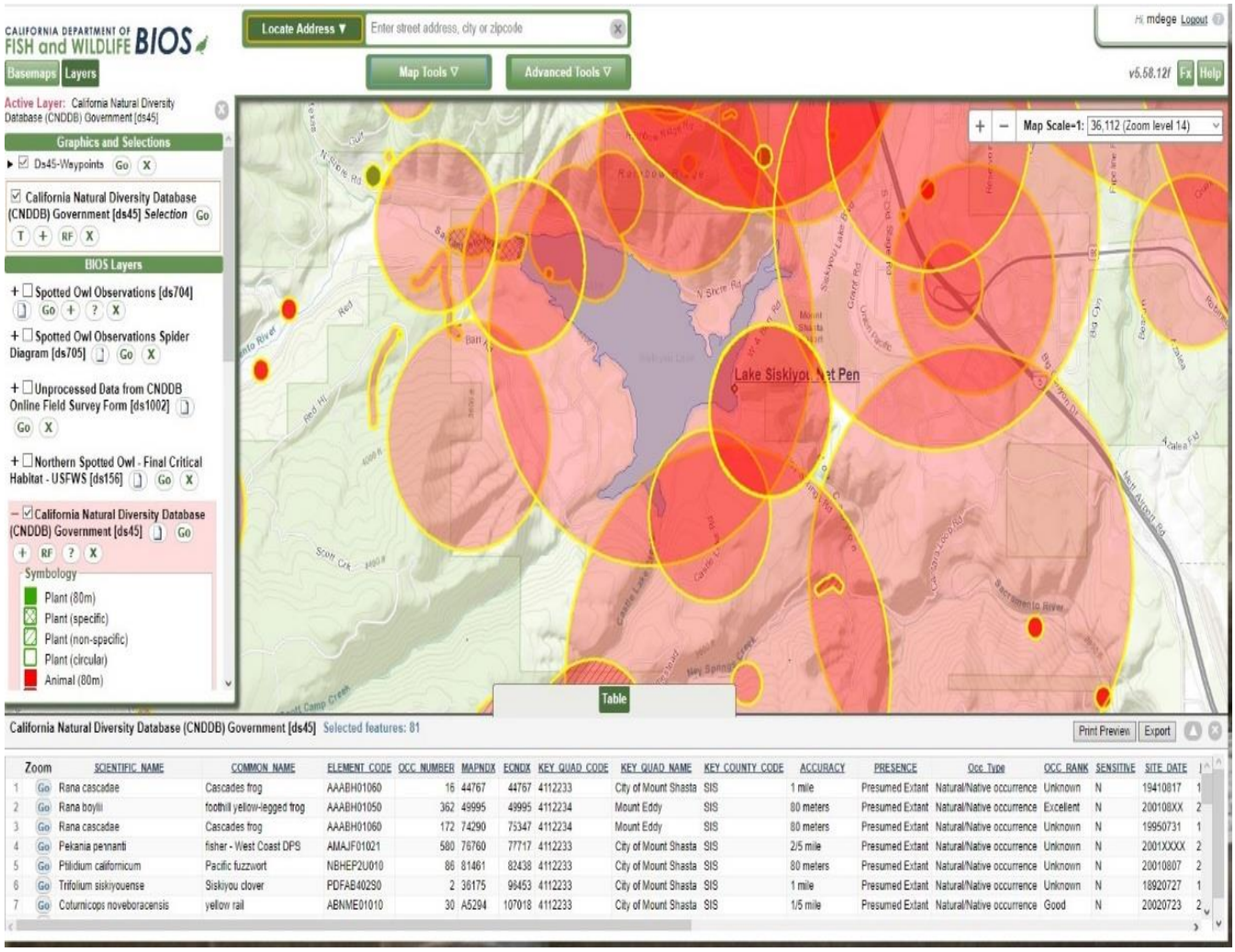
   MSRF will assemble and make needed repairs to the net pens. The net pens are composed of rigid buoyant frames constructed to support the nets and provide a walkway. Nets are made of mesh and built to a depth of 3.6 m. Nets will be enclosed within a frame and secured to a dock or mooring. To release the trout, the net will be separated from the dock and the sides will be allowed to collapse. The center of the net will be raised, effectively turning the net inside out and flushing out the trout; at which point, the trout will freely pass through and into Lake Siskiyou. A bird exclusion net will also be available to use if needed.

2. MSRF understands the availability of trout for this project may be reduced based on fish availability at the CDFW hatchery. CDFW will provide feeding recommendations and will provide healthy, disease free trout on the day of delivery.

3. All trout will be delivered by CDFW and individuals will work with MSRF to coordinate the delivery day. Deliveries will be scheduled sometime between October 1 and December 30th.

4. MSRF will obtain permits required by the State Water Resource Control Board, Siskiyou County, and any other permits that may be required to implement this project.

Exhibit B
CNDDB Search Range Map



Zoom	SCIENTIFIC_NAME	COMMON_NAME	ELEMENT_CODE	OCC_NUMBER	MAPNDX	ECNDX	KEY_QUAD_CODE	KEY_QUAD_NAME	KEY_COUNTY_CODE	ACCURACY	PRESENCE	Occ Type	OCC_RANK	SENSITIVE	SITE_DATE	
1	Go	Rana cascadae	Cascades frog	AAABH01060	16	44767	44767	4112233	City of Mount Shasta	SIS	1 mile	Presumed Extant	Natural/Native occurrence	Unknown	N	19410817	1
2	Go	Rana boylii	foothill yellow-legged frog	AAABH01050	362	49995	49995	4112234	Mount Eddy	SIS	80 meters	Presumed Extant	Natural/Native occurrence	Excellent	N	200108XX	2
3	Go	Rana cascadae	Cascades frog	AAABH01060	172	74290	75347	4112234	Mount Eddy	SIS	80 meters	Presumed Extant	Natural/Native occurrence	Unknown	N	19950731	1
4	Go	Pekania pennanti	fisher - West Coast DPS	AMAJF01021	580	76760	77717	4112233	City of Mount Shasta	SIS	2/5 mile	Presumed Extant	Natural/Native occurrence	Unknown	N	2001XXXX	2
5	Go	Ptilidium californicum	Pacific fuzzwort	NBHEP2U010	86	81461	82438	4112233	City of Mount Shasta	SIS	80 meters	Presumed Extant	Natural/Native occurrence	Unknown	N	20010807	2
6	Go	Trifolium siskiyouense	Siskiyou clover	PDFAB402S0	2	36175	96453	4112233	City of Mount Shasta	SIS	1 mile	Presumed Extant	Natural/Native occurrence	Unknown	N	18920727	1
7	Go	Coturnicops noveboracensis	yellow rail	ABNME01010	30	A5294	107018	4112233	City of Mount Shasta	SIS	1/5 mile	Presumed Extant	Natural/Native occurrence	Good	N	20020723	2

Exhibit C
CNDDB Search/Species List

SCIENTIFIC_NAME	COMMON_NAME	ELEME	OCC_N	MAPNE	EONDX	KEY_QUA	KEY_QI	KEY_CI	ACCUR	PRESEI	Occ_Ty	OCC_R	SENSIT	SITE_DATE	ELM_DATE	OWNE	Federa	State_S	GLOBA	STATE_	RARE_	CDFW_	Other_	Symbo
Ophioglossum pusillum	northern adder's-tong	PPOPH	1	9455	29106	4112233	City of	SIS	1 mile	Presum	Natura	Unknon	N	1894XXXX	1894XXXX	DFG; U	None	None	G5	S1	2B.2		USFS_S	809
Coccyzus americanus occ	western yellow-billed	ABNRE	101	9455	29105	4112233	City of	SIS	1 mile	Extirpa	Natura	None	N	19510713	19510713	DFG; U	Threati	Endang	G5T2T:	S1			BLM_S	809
Pekania pennanti	fisher - West Coast DP	AMAJF	263	9437	23466	4112233	City of	SIS	2/5 mi	Presum	Natura	Unknon	N	1986XXXX	1986XXXX	UNKN(	None	Candid	G5T2T:	S2S3		SSC	BLM_S	206
Riparia riparia	bank swallow	ABPAU	317	89625	90624	4112233	City of	SIS	1 mile	Presum	Natura	Unknon	N	20120528	20120528	UNKN(	None	Threati	G5	S2			BLM_S	209
Chaenactis suffrutescens	Shasta chaenactis	PDAST	32	93899	95026	4112233	City of	SIS	specifi	Presum	Natura	Unknon	N	20040811	20040811	USFS-S	None	None	G3	S3	1B.3		BLM_S	102
Bombus occidentalis	western bumble bee	IIHYM2	24	97953	99349	4112233	City of	SIS	1 mile	Presum	Natura	Unknon	N	19390723	19390723	UNKN(	None	None	G2G3	S1			USFS_S	209
Rana cascadae	Cascades frog	AAABH	263	A4430	106116	4112233	City of	SIS	2/5 mi	Presum	Natura	Fair	N	20110701	20110701	UNKN(	None	Candid	G3G4	S3		SSC	IUCN_N	206
Rana cascadae	Cascades frog	AAABH	158	74185	75170	4112233	City of	SIS	2/5 mi	Presum	Natura	Unknon	N	19530607	19530607	UNKN(	None	Candid	G3G4	S3		SSC	IUCN_N	806
Rana boylii	foothill yellow-legged	AAABH	1003	A5387	107119	4112233	City of	SIS	2/5 mi	Presum	Natura	Unknon	N	19950726	19950726	USFS-S	None	Candid	G3	S3		SSC	BLM_S	206
Rana boylii	foothill yellow-legged	AAABH	1004	74185	107123	4112233	City of	SIS	2/5 mi	Presum	Natura	Unknon	N	19530607	19530607	UNKN(	None	Candid	G3	S3		SSC	BLM_S	806

Exhibit D1
LSNPP Site Map

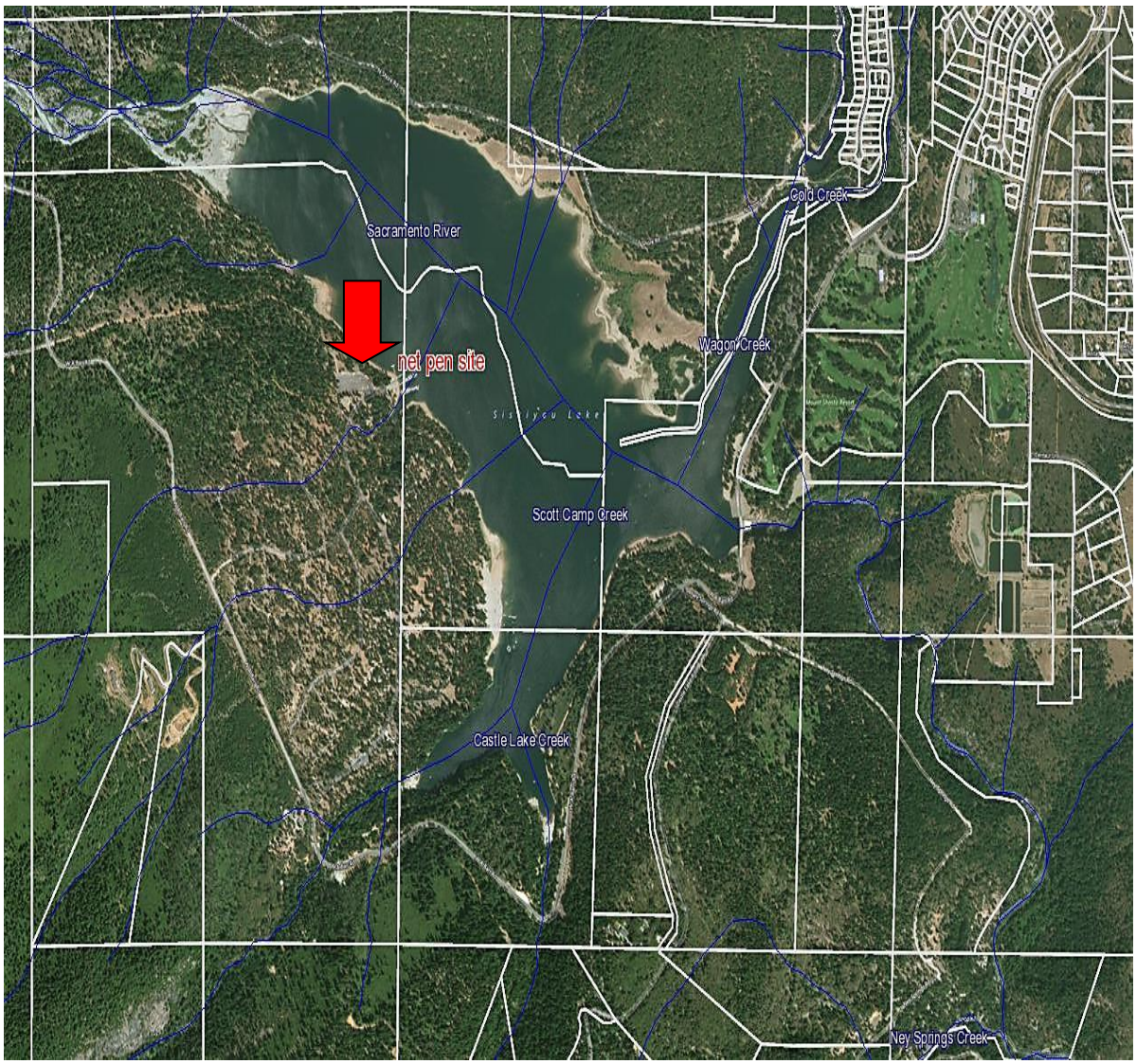


Exhibit D2
LSNPP Topo Map

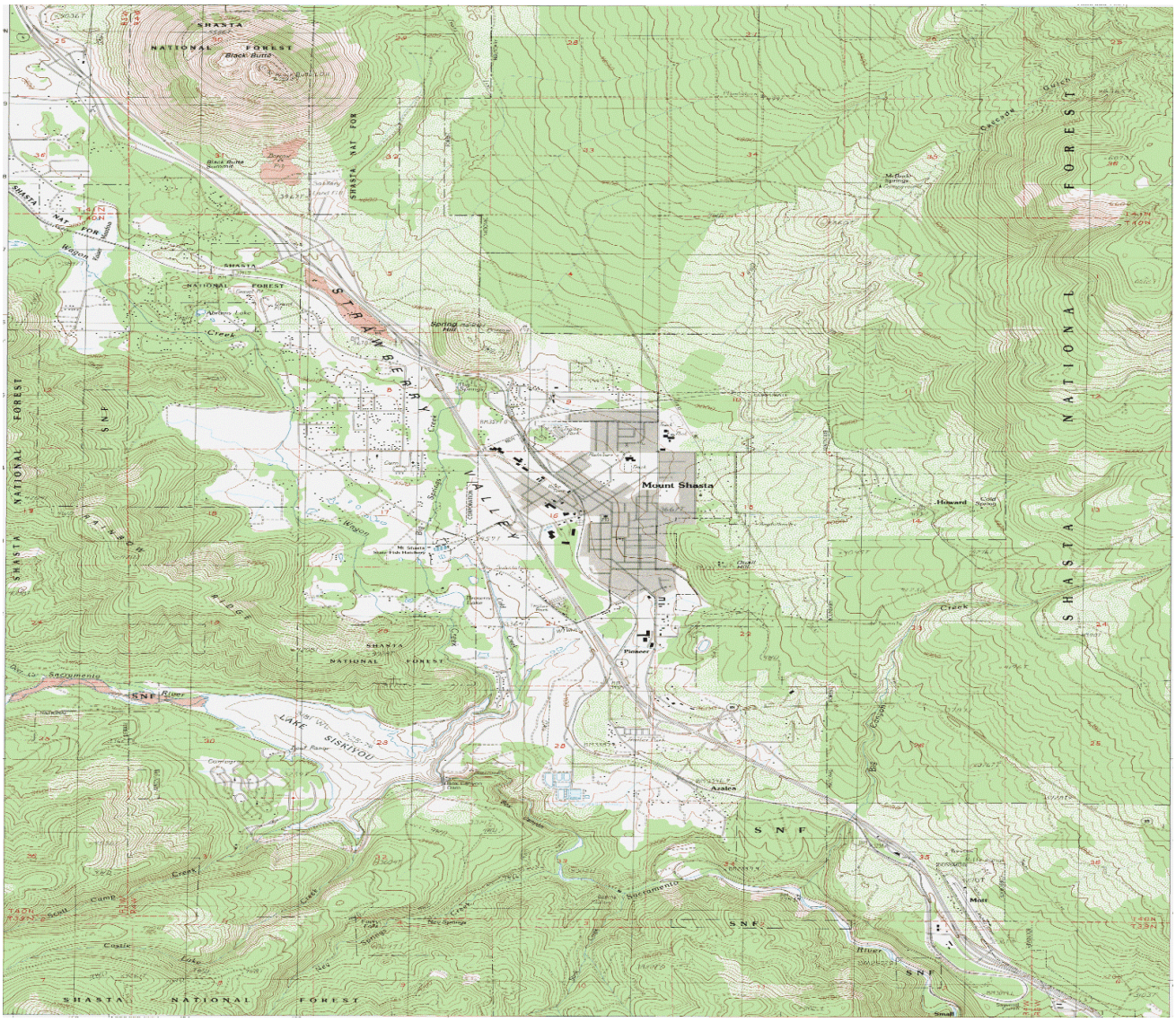


Exhibit D3
LSNPP Overview Map

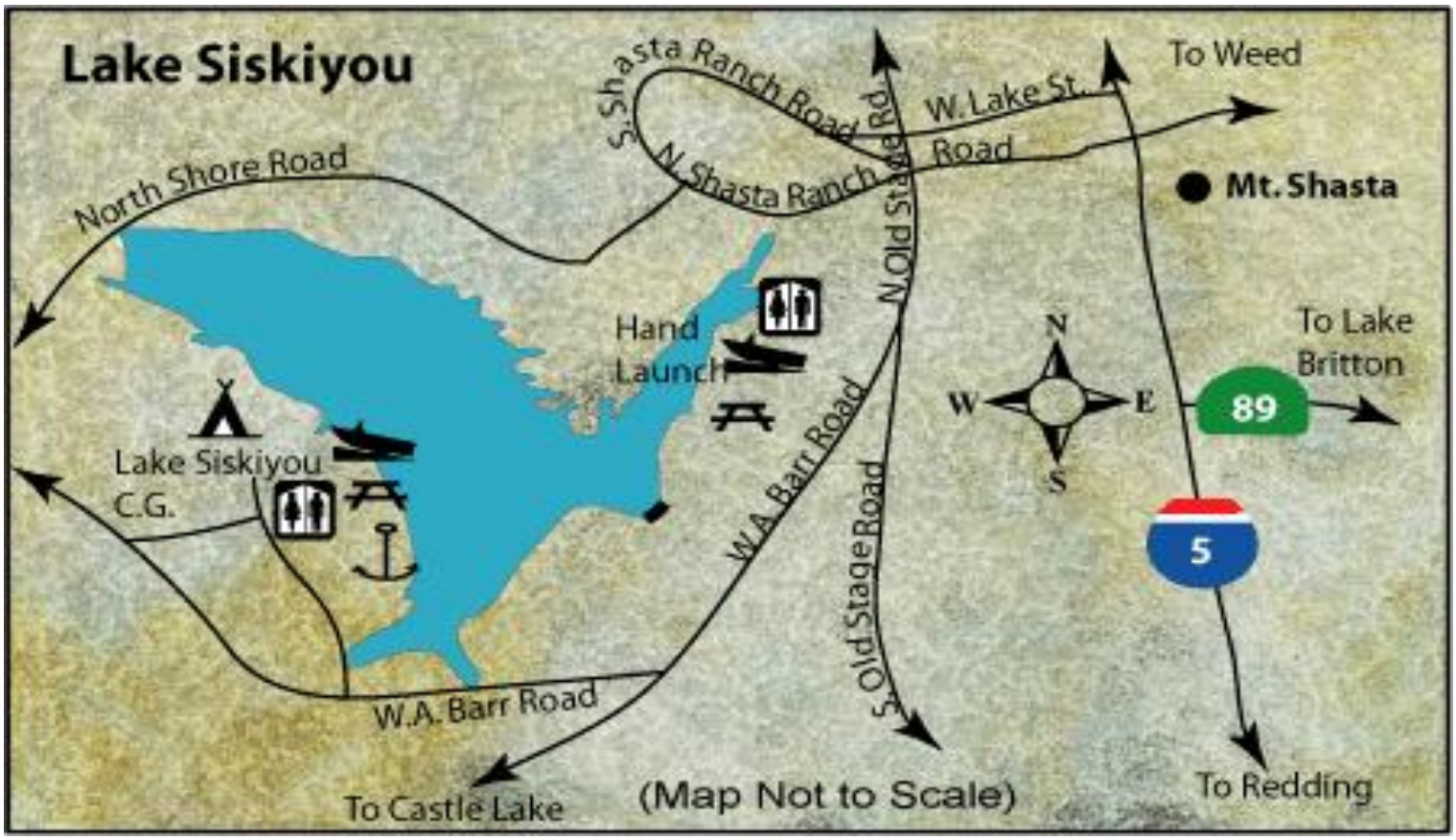
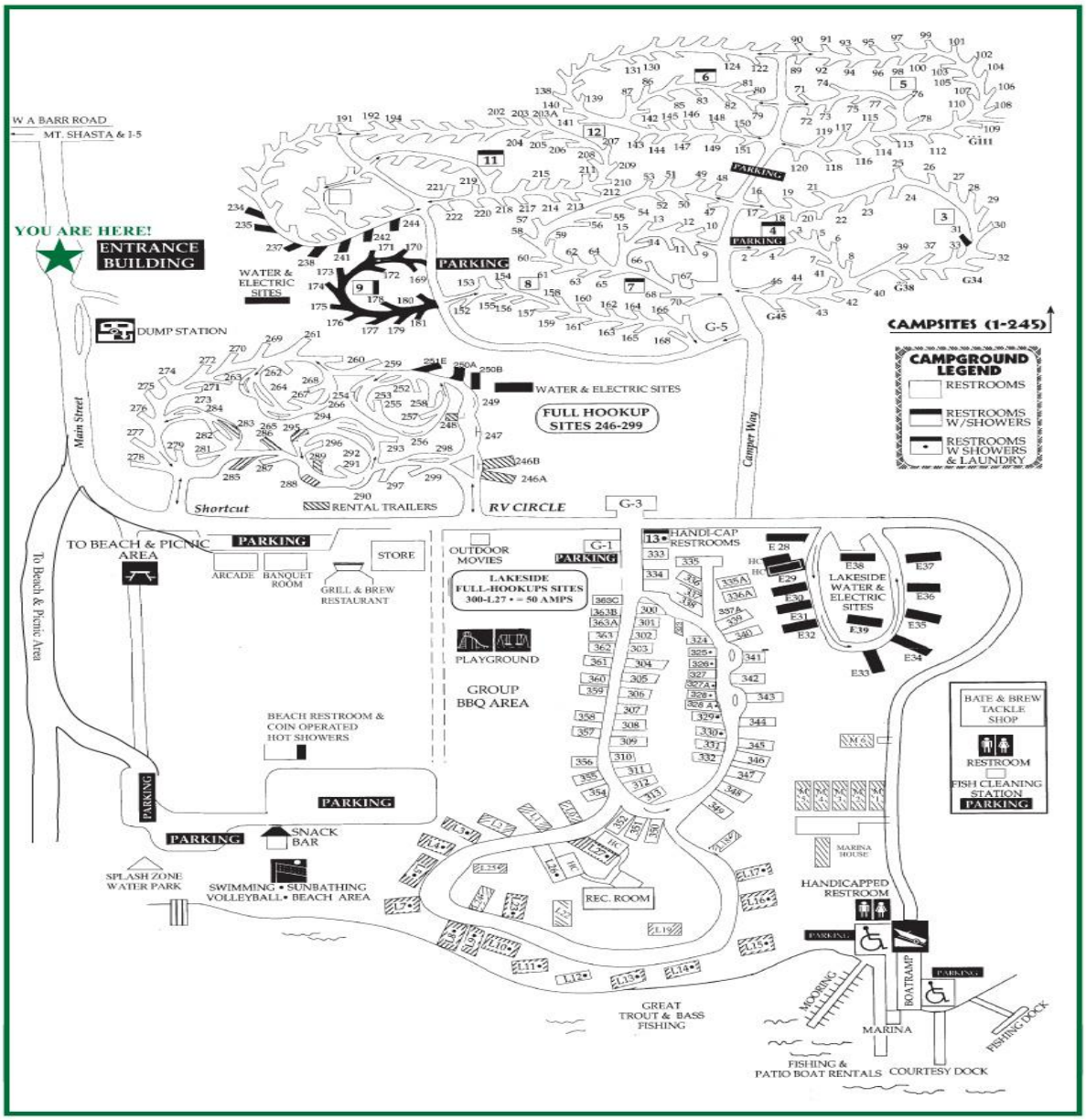


Exhibit D4
LSNPP and Resort Location Map



Net pens to be located at courtesy docks