

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: _____
 Lead Agency: _____ Contact Person: _____
 Mailing Address: _____ Phone: _____
 City: _____ Zip: _____ County: _____

Project Location: County: _____ City/Nearest Community: _____
 Cross Streets: _____ Zip Code: _____
 Longitude/Latitude (degrees, minutes and seconds): _____° _____' _____" N / _____° _____' _____" W Total Acres: _____
 Assessor's Parcel No.: _____ Section: _____ Twp.: _____ Range: _____ Base: _____
 Within 2 Miles: State Hwy #: _____ Waterways: _____
 Airports: _____ Railways: _____ Schools: _____

Document Type:

CEQA: <input type="checkbox"/> NOP	<input type="checkbox"/> Draft EIR	NEPA: <input type="checkbox"/> NOI	Other: <input type="checkbox"/> Joint Document
<input type="checkbox"/> Early Cons	<input type="checkbox"/> Supplement/Subsequent EIR	<input type="checkbox"/> EA	<input type="checkbox"/> Final Document
<input type="checkbox"/> Neg Dec	(Prior SCH No.) _____	<input type="checkbox"/> Draft EIS	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Mit Neg Dec	Other: _____	<input type="checkbox"/> FONSI	_____

Local Action Type:

<input type="checkbox"/> General Plan Update	<input type="checkbox"/> Specific Plan	<input type="checkbox"/> Rezone	<input type="checkbox"/> Annexation
<input type="checkbox"/> General Plan Amendment	<input type="checkbox"/> Master Plan	<input type="checkbox"/> Prezone	<input type="checkbox"/> Redevelopment
<input type="checkbox"/> General Plan Element	<input type="checkbox"/> Planned Unit Development	<input type="checkbox"/> Use Permit	<input type="checkbox"/> Coastal Permit
<input type="checkbox"/> Community Plan	<input type="checkbox"/> Site Plan	<input type="checkbox"/> Land Division (Subdivision, etc.)	<input type="checkbox"/> Other: _____

Development Type:

<input type="checkbox"/> Residential: Units _____ Acres _____	<input type="checkbox"/> Transportation: Type _____
<input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Mining: Mineral _____
<input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Power: Type _____ MW _____
<input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Waste Treatment: Type _____ MGD _____
<input type="checkbox"/> Educational: _____	<input type="checkbox"/> Hazardous Waste: Type _____
<input type="checkbox"/> Recreational: _____	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Water Facilities: Type _____ MGD _____	

Project Issues Discussed in Document:

<input type="checkbox"/> Aesthetic/Visual	<input type="checkbox"/> Fiscal	<input type="checkbox"/> Recreation/Parks	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Agricultural Land	<input type="checkbox"/> Flood Plain/Flooding	<input type="checkbox"/> Schools/Universities	<input type="checkbox"/> Water Quality
<input type="checkbox"/> Air Quality	<input type="checkbox"/> Forest Land/Fire Hazard	<input type="checkbox"/> Septic Systems	<input type="checkbox"/> Water Supply/Groundwater
<input type="checkbox"/> Archeological/Historical	<input type="checkbox"/> Geologic/Seismic	<input type="checkbox"/> Sewer Capacity	<input type="checkbox"/> Wetland/Riparian
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Minerals	<input type="checkbox"/> Soil Erosion/Compaction/Grading	<input type="checkbox"/> Growth Inducement
<input type="checkbox"/> Coastal Zone	<input type="checkbox"/> Noise	<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Land Use
<input type="checkbox"/> Drainage/Absorption	<input type="checkbox"/> Population/Housing Balance	<input type="checkbox"/> Toxic/Hazardous	<input type="checkbox"/> Cumulative Effects
<input type="checkbox"/> Economic/Jobs	<input type="checkbox"/> Public Services/Facilities	<input type="checkbox"/> Traffic/Circulation	<input type="checkbox"/> Other: _____

Present Land Use/Zoning/General Plan Designation: _____

Project Description: (please use a separate page if necessary)

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".
If you have already sent your document to the agency please denote that with an "S".

<input type="checkbox"/> Air Resources Board	<input type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input type="checkbox"/> Caltrans District # _____	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input type="checkbox"/> Regional WQCB # _____
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input type="checkbox"/> Fish & Game Region # _____	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Native American Heritage Commission	

Local Public Review Period (to be filled in by lead agency)

Starting Date _____ Ending Date _____

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: McNamara, Cade



Date: _____

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Name of Project: Nordic Aquafarms Land-Based Aquaculture Project

Project Description: The applicant (Nordic Aquafarms California, LLC. (NAFC)) is requesting a Coastal Development Permit and Special Permit for the construction of a land-based finfish recirculating aquaculture system (RAS) facility, which includes the development of five buildings totaling approximately 766,530 square feet and the installation of 4.8 megawatt (MW) solar panel array mounted on building rooftops, covering approximately 657,000 square feet. The height of the tallest proposed building is 60 feet. The facility would have an annual production capacity of approximately 25,000-27,000 metric tons of Head On Gutted (HOG) fish once complete. The aquaculture facility would produce fresh head on gutted fish and fillets for delivery to regional markets. The species to be produced at the facility is intended to be Atlantic Salmon.

The project will include ancillary support features such as paved parking, fire access roads, security fencing, and stormwater management features. The project would require approximately 2.5 million gallons per day (MGD) of freshwater sourced from the Mad River, supplied by the Humboldt Bay Municipal Water District via existing infrastructure. The project would require approximately 10 MGD of salt water provided via upgraded intake infrastructure located adjacent to the NAFC Project Site. Treated wastewater would be discharged utilizing the existing Redwood Marine Terminal II ocean outfall pipe, which extends one and a half miles offshore. A total volume of 12.5 MGD is anticipated to be released daily. Wastewater discharge is permitted by the North Coast Regional Water Quality Control Board.

The Humboldt Bay Harbor, Recreation and Conservation District (District) proposes to upgrade/improve and operate two formerly used bay-water intake systems (sea chests) in Humboldt Bay. The water intakes are located approximately one-half mile apart along the Samoa Channel at the Redwood Marine Terminal II (RMT II) Dock and Red Tank Dock. The intake systems were operated by a pulp mill from around 1966 until the mill was closed in 2008. Salt water from the intakes would be used by District tenants and other entities for aquaculture and other allowable uses. A new water line would be installed from the RMT II Dock and Red Tank Dock water intakes to manifolds at RMT I, RMT II and NAFC. The project also includes installation of a fire suppression water line and fire hydrant replacement. The fire suppression line would share a trench with the bay water intake line. The bay water line and fire suppression water line would involve trenching except where it crosses an existing stormwater feature and where the bay water line would run on the edges of Red Tank Dock and RMT II Dock. This water line would be attached to an existing walkway or to a replacement structure of the same size or smaller. The fire suppression water line would terminate near the RMT I manifold, RMT II manifold and at Red Tank Dock. The fire suppression water line would have a maximum outside diameter of 12 inches. The bay water line would range from 18-36 inch maximum outside diameter. The maximum width of ground impacts would be 19 feet in sections where both pipes occur and 17 feet where only one pipe occurs.

The proposed aquaculture facility will include life cycle development, from egg to harvestable fish, contained indoors in separate buildings connected by swim pipes for fish transfer. The facility would include the following design elements:

1. A hatchery operation where eggs are hatched, and fish fry grow to juvenile size (Building 3)
2. A grow-out operation with large tanks where fish are grown to market size (Buildings 1 & 2)
3. A fish processing facility from which fish is processed and fresh product is shipped out 4 days a week, coproducts are chilled and stored for sale (Building 4)
4. Backup systems that will enable critical functions to operate for many days in the event of a power outage
5. Oxygen generation plant and liquid oxygen storage
6. Water intake treatment that ensures consistently clean water for the fish (Buildings 1 & 2)
7. An advanced wastewater treatment plant to treat the discharge water, including a Moving Bed Biofilm Reactor, a membrane bioreactor, and Ultraviolet (UV-C) dosing (Building 5)
8. Administrative building and associated operations/maintenance facilities (Building 4)

Project phasing: The aquaculture facility is anticipated to be built out in two primary phases, with preliminary site preparation (Phase 0):

1. Phase 0 - Brownfield Redevelopment (2022): asbestos abatement; structure demolition; soil remediation; waste stream characterization, transportation, and disposal.
2. Phase 1 – Brownfield Redevelopment and Aquaculture Facility Stage 1 (2022 - 2023): Intake and outfall connections; ground densification to prepare construction of building foundations; construction of Phase 1 grow-out module (Building 1), Central Utility Plant (Building 3), Fish Processing Plant/Administrative (Building 4), Wastewater Treatment and Backup Power (Building 5); Oxygen generation storage; stormwater systems; onsite and offsite biological mitigation.
3. Phase 2 – Aquaculture Facility Stage 2 (2026 or 2027): Ground densification; Phase 2 grow-out module (Building 2); soil remediation; expansion of utilities; existing leach field decommissioning.

The proposed fire suppression systems and sea chests improvements are anticipated to begin prior to construction of Phase 1 of the aquaculture facility. Timing is dependent on obtaining all agency approvals and permits.