



Draft Environmental Impact Report

Samoa Peninsula Land-based Aquaculture Project

County of Humboldt, Planning Department

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➔ **The Power of Commitment**



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Acronym List

| | |
|----------|--|
| AAFCO | Association of American Feed Control Officers |
| ACM | Asbestos Containing Materials |
| AES | Aesthetics |
| AG | Agriculture and Forest Resources |
| ALUCP | Airport Land Use Compatibility Plan |
| AOI | Area of Interest |
| ALUP | Airport Land Use Plan |
| APE | Area of Potential Effect |
| APN | Assessor Parcel Numbers |
| AQ | Air Quality |
| As | Arsenic, dissolved |
| ASCE | American Society of Civil Engineers |
| AST | Aboveground Storage Tank |
| ATCM | Air Resource Board's Air Toxic Control Measures |
| BAAQMD | Bay Area Air Quality Management District |
| BAP | Best Aquaculture Practices |
| BIA | Biologically Important Area |
| BIO | Biological Resources |
| BLM | Bureau of Land Management |
| BMP | Best Management Practice |
| BOD | Biochemical Oxygen Demand |
| CAA | Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CalEEMod | California Emissions Estimator Model |
| Cal-OSHA | California Division of Occupational Safety and Health |
| Caltrans | California Department of Transportation |
| CalCOFI | California Cooperative Oceanic Fisheries Investigations |
| CARB | California Air Resources Board |
| CAT | Climate Action Team |
| CBC | California Building Code |
| CCC | California Coastal Commission |
| CCE | Community Choice Energy |
| CCR | California Code of Regulations |
| CCS | Closed Containment Systems |
| CDFW | California Department of Fish and Wildlife |
| CDP | Census Designated Place |
| CDP | Coastal Development Permit |
| CEC | California Energy Commission |
| CEQ | Council on Environmental Quality |
| CEQA | California Environmental Quality Act |
| CENCOOS | Central and Northern California Ocean Observing System |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act |
| CESA | California Endangered Species Act |
| CFCPA | California Farmland Conservancy Program Act |
| CFGC | California Department of Fish and Game Code |
| CFR | Code of Federal Regulations |
| CGP | Construction General Permit |
| CGS | California Geological Survey |
| CHP | California Highway Patrol |
| CIP | Capital Improvement Plan |
| CIWMA | California Integrated Waste Management Act |

| | |
|---------|---|
| CNDDDB | California Natural Diversity Database |
| CNEL | Community Noise Equivalent Level |
| CNPPA | California Native Plant Protection Act |
| COPC | Contaminants of Potential Concern |
| CPUC | California Public Utilities Commission |
| Cr VI | Hexavalent Chromium, dissolved |
| CR | Cultural Resources |
| CRHR | California Register of Historical Resources |
| CRC | California Redwood Company |
| CSM | Conceptual Site Model |
| CSZ | Coastal Subduction Zone |
| CUP | Central Utility Plant |
| CWA | Clean Water Act |
| CZ | Coastal Zone |
| DAL | Dial-A-Lift |
| DAR | Dial-A-Ride |
| dBA | Decibels |
| DDT | Dichlorodiphenyltrichloroethane |
| DOC | Department of Conservation |
| DOT | Department of Transportation |
| DPS | Distinct Population Segment |
| DTSC | Department of Toxic Substances Control |
| DWR | Department of Water Resources |
| EAP | Energy Action Plan |
| EEZ | U.S. Exclusive Economic Zone |
| EFH | Essential Fish Habitat |
| EIR | Environmental Impact Report |
| ENG | Energy Resources |
| ENP | Eastern North Pacific |
| EOC | Emergency Operations Center |
| EOP | Emergency Operations Plan |
| EPA | Environmental Protection Agency |
| EPI | Evergreen Pulp Inc. |
| EQ Zapp | California Earthquake Hazard Zones |
| ESA | Endangered Species Act |
| ESHA | Environmentally Sensitive Habitat Area |
| ESL | Environmental Screening Level |
| ESU | Evolutionarily Significant Unit |
| FCR | feed conversion ratio |
| FEMA | Federal Emergency Management Agency |
| FESA | Federal endangered Species Act |
| FGC | California Fish and Game Code |
| FHSZ | Fire Hazard Severity Zone |
| FHWG | Fisheries Hydroacoustic Workgroup |
| FIFO | Fish-In-Fish-Out |
| FIP | Fisheries Improvements Projects |
| FMMP | Farmland Mapping and Monitoring Program |
| FR | Federal Register |
| FRA | Federal Responsibility Area |
| FSC | Fore Safe Cpimco |
| FTE | Full Time Equivalent |
| FTC | Freshwater Tissue Company |
| GDRC | Green Diamond Resource Company |
| GEO | Geology and Soils |
| GHG | Greenhouse Gas Emissions |
| GMP | Good Manufacturing Practices |
| GP | Georgia Pacific LLC |

| | |
|---------|---|
| GPM | Gallons per Minute |
| HAB | Harmful Algal Blooms |
| HAT | Highest Astronomical Tide |
| HAZ | Hazards and Hazardous Materials |
| HBAP | Humboldt Bay Area Plan |
| HBDA | Humboldt Bay Development Association, Inc. |
| HBHRCD | Humboldt Bay Harbor, Recreation, and Conservation District |
| HBMWD | Humboldt Bay Municipal Water District |
| HBW | Home-based-work |
| HCAOG | Humboldt County Association of Governments |
| HCFC | Hydrochlorofluorocarbons |
| HCTDM | Humboldt County Travel Demand Model |
| HFC | Hydrofluorocarbon |
| HMSPPCP | Hazardous Materials Spill Prevention Control and Countermeasure Plan |
| HOG | Head on gutted fish |
| HSC | Health and Safety Code |
| HWMA | Humboldt Waste Management Authority |
| HWQ | Hydrology and Water Quality |
| IEPR | Integrated Energy Policy Report |
| IGP | Industrial General Permit |
| INAD | Investigational New Animal Drug |
| IS/MND | Initial Study/Mitigated Negative Declaration |
| ITE | Institute of Transportation Engineers |
| ITP | Incidental Take Permit |
| IPCC | Intergovernmental Panel on Climate Change |
| IWTP | Intake Water Treatment Plant |
| KGD | Kilograms per day |
| kV | Kilovolt |
| LAT | Lower Astronomical Tide |
| LCFS | Low Carbon Fuel Standard |
| LCP | Local Coastal Program/Plan |
| Leq | Equivalent Continuous Sound Level |
| LID | Low Impact Development |
| LOS | Level of Service |
| LP | Louisiana-Pacific Corporation |
| LRA | Local Responsibility Area |
| LU | Land Use and Planning |
| MBTA | Migratory Bird Treaty Act |
| MBBR | Moving Bed Biofilm Reactor |
| MBR | Membrane bioreactor |
| MC | Coastal Dependent Industrial |
| MC/A | Coastal Dependent Industrial with Archaeological Overlay Zoning Destination |
| MCT | Maximum Considered Tsunami |
| MG | General Industrial |
| MG | Million-Gallon |
| MGD | Million Gallons per Day |
| MHHW | Mean Higher High Water |
| MLLW | Mean Lower Low Water |
| MMRP | Mitigation Monitoring and Reporting Program |
| Mn | Manganese, dissolved |
| MOE | Measures of Effectiveness |
| MR | Mineral Resources |
| MRR | Mandatory Reporting Regulation |
| MSC | Marine Stewardship Council |
| MSA | Magnuson-Stevens Fishery Conservation and Management Act |
| MSL | Mean Sea Level |
| MTCO2e | Metric Tons of Carbon Dioxide Equivalent |

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|---------|--|
| MW | Megawatt |
| NAAQS | National Ambient Air Quality Standards |
| NADA | New Animal Drug Application |
| NAFC | Nordic Aquafarms California, LLC. |
| NAHC | Native American Heritage Commission |
| NCRWQCB | North Coast Regional Water Quality Control Board |
| NCUAQMD | North Coast Unified Air Quality Management District |
| ND | non-detect |
| NESHAP | National Emissions Standard for Hazardous Air Pollutants |
| NFIP | National Flood Insurance Program |
| NFPA | National Fire Protection Agency |
| NH4 | Ammonium Nitrogen |
| NHPA | National Historic Preservation Act |
| Ni | Nickel, dissolved |
| NMFS | National Marine Fisheries Service |
| NOAA | National Oceanic and Atmospheric Administration |
| NOI | Noise |
| NOP | Notice of Preparation |
| NOX | Nitrogen Oxides |
| NPDES | National Pollutant Discharge Elimination System |
| NRHP | National Register of Historic Places |
| NSR | New Source Review |
| NWIC | Northwest Information Center |
| OCP | Organochlorine Pesticide |
| OES | Office of Emergency Services |
| OHP | Office of Historic Preservation |
| OPC | Ocean Protection Council |
| OPR | Office of Planning and Research |
| OSHA | Occupational Safety and Health Act |
| P | Phosphorus |
| PCB | Polychlorinated Biphenyl |
| PCFG | Pacific Coast Feeding Group |
| PCSD | Peninsula Community Services District |
| PFC | Perfluorocarbon |
| PFMC | Pacific Fishery Management Council |
| PG&E | Pacific Gas and Electric Company |
| PM | Particulate Matter |
| POP | Population and Housing |
| PPV | Peak Particle Velocity |
| PRC | Public Resources Code |
| PS | Public Services |
| PSB | Project Study Boundary |
| PSD | Prevention of Signification Deterioration |
| PSPS | Planned Safety Power Shutdowns |
| PST | Permanent threshold shift |
| psu | Practical Salinity Units |
| PTHA | Probabilistic Site-Specific Tsunami Hazard Analysis |
| RAP | Rammed Aggregate Piles |
| RAS | Recirculating Aquaculture System |
| RCEA | Redwood Coast Energy Authority |
| REC | Recreation |
| RMP | Restoration and Monitoring Plan |
| RMT II | Redwood Maine Terminal II |
| ROG | Reactive Organic Gases |
| RPS | Renewable Portfolio Standard |
| RTP | Regional Transportation Plan |
| RV | Recreational Vehicle |

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| RWQCB | Regional Water Quality Control Boards |
| SARA | Superfund Amendments and Reauthorization Act |
| SEL | sound exposure level |
| SB | Senate Bill |
| SF6 | Sulfur Hexafluoride |
| SL | Screening Level |
| SOP | Standard Operating Procedure |
| SPCC | Spill, Prevention, Control and Countermeasure |
| SPG | Samoa Pacific Group |
| SPI | Sierra Pacific Industries |
| SSC | Species of Special Concern |
| SWDS | Solid Waste Disposal Site |
| SWPPP | Stormwater Pollution Prevention Program |
| SWRCB | California State Water Resources Control Board |
| TAC | Toxic Air Contaminant |
| TAZ | Traffic Analysis Zone |
| TCR | Tribal Cultural Resources |
| TDS | Total dissolved Solids |
| THPO | Tribal Historic Preservation Officer |
| TISG | Transportation Impact Study Guide |
| TMDL | Total Maximum Daily Load |
| TN | Total Nitrogen |
| TR | Transportation |
| TSS | Total Suspended Solids |
| TTs | Temporary threshold shifts |
| TVERS | Tsunami Vertical Evacuation Refuge Structure |
| US | United States |
| USACE | United States Army Corp of Engineers |
| USC | United States Code |
| USEPA | United States Environmental Protection Agency |
| USFS | United States Forest Service |
| USFWS | United States Fish and Wildlife Service |
| USGS | United States Geological Survey |
| UST | Underground Storage Tanks |
| UTL | Utilities and Service Systems |
| UV-C | Ultraviolet |
| Uw | Universal Waste |
| VDC | Vibro Displacement Columns |
| VHFHSZ | Very High Fire Hazard Severity Zones |
| VMT | Vehicle Miles Traveled |
| VROOM | Variety in Rural Options of Mobility |
| WDF | Wildfire |
| WMU | Waste Management Unit |
| WNP | Western North Pacific |
| WQO | Water Quality Objective |
| WUI | Wildland Urban Interface |
| WTP | Water Treatment Plant |
| WWTP | Wastewater Treatment Plant |