



**County of Humboldt**  
Samoa Peninsula Wastewater Project

**Draft Environmental Impact Report**

SCH #2018042083

January 2019

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Draft Environmental Impact Report for the  
**Samoa Peninsula Wastewater Project**

**SCH #2018042083**

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## **Appendices**

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Appendix B – Comment Letters on Notice of Preparation

Appendix C – Preliminary Engineering Report

Appendix D – CalEEMod Outputs

Appendix E – Biological Resource Reports

Appendix F – Geologic Hazard Evaluations and Soils Engineering Report

Appendix G – Hazardous Materials Corridor Study

# Acronyms and Abbreviations

AC	asbestos-cement
ACOE	Army Corps of Engineers
ADL	aerially deposited lead
ADU	Accessory Dwelling Unit
AEP	Association of Environmental Professionals
ALUC	Airport Land Use Commission
APNs	Assessor's Parcel Numbers
ARB	Air Resources Board
ASBS	Area of Special Biological Significance
ASTM	ASTM International
B	Beach
BLM	Bureau of Land Management
BMP	best management practices
BOD	biochemical oxygen demand
CAAQS	California Ambient Air Quality Standards
CAL/OSHA	California Division of Occupational Safety and Health
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALFIRE	California Department of Forestry and Fire Projection
Caltrans	California Department of Transportation
CBC	California Building Code
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CG	Commercial General
CHP	California Highway Patrol
CIWMB	California Integrated Waste Management Plan
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
COC	constituent of concern

COP, 2015	California Ocean Plan, 2015
CPUC	California Public Utilities Commission
CR	Commercial Recreation
CRPR	California Rare Plant Rank
CSD	Community Services District
CWA	Clean Water Act
CY	cubic yards
CZMA	Coastal Zone Management Act
CZMP	Coastal Zone Management Program
DAL	Dial-A-Lift
DAR	Dial-A-Ride
dB	decibel
dBA	A-Weighted Sound Level
DEIR	Draft Environmental Impact Report
DNL	Day/Night Noise Level
DOT	Department of Transportation
DPM	Diesel Particulate Matter
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources, Incorporated
EFH	essential fish habitat
EIR	Environmental Impact Report
EO	elemental occurrence
EOP	Emergency Operations Plan
EPA	United States Environmental Protection Agency
ESHA	Environmentally Sensitive Habitat Area
FESA	Federal Endangered Species Act
FHSZ	Fire Hazard Severity Zone
FR	Federal Register
FRAP	Fire and Resource Assessment Program
G#	global ranking
GIS	Geographic Information Systems
gpd	gallons per day
GPU	General Plan Update
HBAP	Humboldt Bay Area Plan
HBHRCD	Humboldt Bay Harbor Recreation and Conservation District
HCDEH	Humboldt County Division of Environmental Health
HSC	Health and Safety Code
HWMA	Humboldt Waste Management Authority
Hz	frequency
In/sec	micro-inches per second

IPac	Information for Planning and Consultation
IS/MND	Initial Study/Mitigated Negative Declaration
kgpd	thousand gallons per day
kV	kilovolt
kWh	kilowatt hours
L01	A-weighted sound level exceeding 1% during measurement period
L10	A-weighted sound level exceeding 10% during measurement period
L50	A-weighted sound level exceeding 50% during measurement period
L90	A-weighted sound level exceeding 90% during measurement period
LAFCo	Local Agency Formation Commission
LAMP	Local Agency Management Program
LCP	Local Coastal Program
Ldn	Day/Night Average Sound Level
Leq	Equivalent Noise Level
LID	Low-Impact Development
Lmax	maximum A-weighted noise level during measurement period
Lmin	minimum A-weighted noise level during measurement period
L-P	Louisiana-Pacific Corporation
LTA	Lighter than Air
M	Magnitude
MB	Business park
MBTA	Migratory Bird Treaty Act
MC	Industrial Coastal dependent
MG	Industrial General
mg/L	milligrams per liter
MGD	million gallons per day
ml/L	milliliters per liter
MLD	Most Likely Descendant
MLPZ	Marine Life Protection Zone
MPN/100 ml	most probable number per 100 millilitres
MtBE	Methyl T-Butyl Ether
NA	not applicable
NAAQS	National Ambient Air Quality Standards
NAHC	Native America Heritage Commission
NCCP	Natural Communities Conservation Plan
NCRWQCB	North Coast Regional Water Quality Control Board
NCUAQMD	North Coast Unified Air Quality Management District
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NMFS	National Marine Fisheries Service

NO <sub>2</sub>	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOP	Notice of Preparation
NPDES	National Pollutant Discharge Elimination System
NR	Natural Resource
NRHP	National Register of Historic Places
NSR	New Source Review
NTU	nephelometric turbidity units
OA	Operational Area
OES	Office of Emergency Services
OHWM	ordinary high water mark
OSHA	Occupational Safety and Health Administration
OWTS	Onsite Wastewater Treatment System
pb	lead
PCBs	polychlorinated biphenyls
PCP	pentachlorophenol
PCSD	Peninsula Community Services District
PF	Public Facility
PG&E	Pacific Gas and Electric Company
PIG	pipeline inspection gauge
PM	particulate matter
PM <sub>10</sub>	particulate matter 10 microns or less in diameter
PM <sub>2.5</sub>	particulate matter 2.5 microns or less in diameter
PPV	Peak Particle Velocity
PR	Public Recreation
PRC	Public Resources Code
PVC	polyvinyl chloride
RMS	Root Mean Square velocity
RMT II	Redwood Marine Terminal II
ROG	reactive organic gases
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
RX	Rural Exurban
S#	statewide ranking
SARA	Superfund Amendment and Reauthorization Act of 1986
SBR	Sequencing batch reactor
SGMP	Soil and Groundwater Management Plan
SMCA	Samoa State Marine Conservation Area
SO <sub>2</sub>	sulfur dioxide
SPCC	Spill Prevention Control and Countermeasures Plan



SPFPD	Samoa Peninsula Fire Protection District
SPG	Samoa Pacific Group
SR	State Route
SSC	species of special concern
STMP	Samoa Town Master Plan
SVOCs	semi-volatile organic compounds
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TBEL	technology based effluent limitations
TCR	tribal cultural resources
TSCA	Toxic Substances Control Act
TSS	total suspended solids
UFC	Uniform Fire Code
USA	North Underground Service Alert North
USACE	United States Army Corps of Engineers
USC	United States Code
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UV	ultra violet
VdB	vibration velocity amplitude
VPA	Variance Prohibition Area
W	Coastal Wetlands
WDR	Waste Discharge Requirement
WWTF	wastewater treatment facility

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