Volume II: Program Environmental Impact Report, As Revised



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California Vegetation Treatment Program  
Final Program Environmental Impact Report

State Clearinghouse # 2019012052

Prepared for:

California Board of Forestry and Fire Protection

Prepared by:



Ascent Environmental

November 2019

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**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| °C | Celsius |
| °F | Fahrenheit |
| 2017 Scoping Plan | *California’s 2017 Climate Change Scoping Plan* |
|  |  |
| AB | Assembly Bill |
| AB 939 | California Waste Management Act of 1989 |
| ACE | CDFW Areas of Conservation Emphasis |
| Act | 1974 Warren-Alquist Act |
| AD | anaerobic digestion |
| APCD | Air Pollution Control District |
| AQMD | Air Quality Management District |
|  |  |
| CAA | federal Clean Air Act |
| CAAQS | California Ambient Air Quality Standards |
| CAC | County Agricultural Commissioner |
| CAFE | corporate average fuel economy |
| CAL FIRE | California Department of Forestry and Fire Protection |
| Cal/OSHA | California, Division of Occupational Safety and Health Administration |
| CALAND | California Natural and Working Lands Carbon and Greenhouse Gas Model |
| CalEPA | California Environmental Protection Agency |
| California MUTCD | *California Manual on Uniform Traffic Control Devices* |
| Cal-IPC | California Invasive Plant Council |
| Caltrans | California Department of Transportation |
| CALVEG | *Classification and Assessment with Landsat of Visible Ecological Groupings* |
| CalVTP | California Vegetation Treatment Program |
| CAP | climate action plan |
| CARB | California Air Resources Board |
| CARPA | California Air Response Planning Agency |
| CCA | California Coastal Act |
| CCAA | California Clean Air Act |
| CCC | California Coastal Commission |
| CCC | California Conservation Corps |
| CCR | California Code of Regulations |
| CDFA | California Department of Food and Agriculture |
| 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 of 1980 |
| CESA | California Endangered Species Act |
| CFIP | California Forest Improvement Program |
| CFR | Code of Federal Regulations |
| CGS | California Geological Society |
| CHP | California Highway Patrol |
| CMP | Chaparral Management Program |
| CMP | congestion management plan |
| CNDDB | California Natural Diversity Database |
| CNEL | Community Noise Equivalent Level |
| CNPS | California Native Plant Society |
| CNRA | California Natural Resources Agency |
| CO | carbon monoxide |
| CO2 | carbon dioxide |
| COG | Council of Government |
| CPAD | California Protected Areas Database |
| CPAW | Community Planning Assistance for Wildfire |
| CPUC | California Public Utilities Commission |
| CSLC | California State Lands Commission |
| CSP | California State Parks |
| CUPA | Certified Unified Program Agency |
| CWA | Clean Water Act |
| CWHR | California Wildlife Habitat Relationships |
| CWPP | Community Wildfire Protection Plan |
|  |  |
| dB | decibels |
| diesel PM | diesel engines |
| DOC | California Department of Conservation |
| DOM | Department Operation Manual |
| DOT | U.S. Department of Transportation |
| DPR | California Department of Pesticide Regulation |
| DTSC | California Department of Toxic Substances Control |
| DWR | California Department of Water Resources |
|  |  |
| EBRPD | East Bay Regional Park District |
| ELZ | equipment limitation zone |
| EO | Executive Order |
| EOP | emergency operations plan |
| EPA | U. S. Environmental Protection Agency |
| EPAct | Energy Policy Act of 1992 |
| EPCRA | Emergency Planning and Community Right-to-Know Act |
| ESA | Federal Endangered Species Act |
| ESHA | Environmentally Sensitive Habitat Area |
|  |  |
| FACA | Federal Advisory Committee Act |
| FGC | California Fish and Game Code |
| FHSZ | Fire Hazard Severity Zone |
| FHWA | Federal Highway Administration |
| FICAN | Federal Interagency Committee on Aviation Noise |
| FIFRA | Federal Insecticide, Fungicide, and Rodenticide Act |
| FMMP | Farmland Mapping and Monitoring Program |
| FMTF | Forest Management Task Force |
| Forest Practice Act | Z’berg -Nejedly Forest Practice Act |
| FR | Federal Register |
| FRAP | Fire and Resource Assessment Program |
|  |  |
| GHG | greenhouse gas |
|  |  |
| HAP | hazardous air pollutant |
| HCD | California Department of Housing and Community Development |
| HCP | Habitat conservation plan |
| HSC | Health and Safety Code |
| HWCA | California Hazardous Waste Control Act |
| Hz | hertz |
|  |  |
| IAP | Incident Action Plan |
| IEPR | Integrated Energy Policy Report |
| INRMP | El Dorado County Integrated Natural Resources Management Plan |
| IPCC | Intergovernmental Panel on Climate Change |
|  |  |
| kHz | kilohertz |
|  |  |
| LADWP | City of Los Angeles Department of Water and Power |
| LCFS | Low Carbon Fuel Standard |
| LCP | Local Coastal Program |
| Leq | Equivalent Continuous Sound Level |
| Lmax | Maximum Sound Level |
| LMP | Land Management Plan |
| LOS | level of service |
| LRA | Local Responsibility Area |
|  |  |
| MBTA | Migratory Bird Treaty Act |
| MCL | maximum contaminant level |
| MCV | *Manual of California Vegetation* |
| MLD | Most Likely Descendant |
| MMPA | Marine Mammal Protection Act |
| MMTCO2e | million metric tons of carbon dioxide equivalent |
| mPa | micro-Pascals |
| mpg | miles per gallon |
|  |  |
| NAAQS | national ambient air quality standards |
| NCCP | natural community conservation plan |
| NCCPA | California Natural Communities Conservation Planning Act |
| NHPA | National Historic Preservation Act |
| NHTSA | National Highway Traffic and Safety Administration |
| NO2 | nitrogen dioxide |
| NOA | naturally-occurring asbestos |
| NOAA | National Oceanic and Atmospheric Administration |
| NOP | Notice of Preparation |
| NOX | oxides of nitrogen |
| NPDES | National Pollutant Discharge Elimination System |
| NPPA | Native Plant Protection Act |
| NRCS | Natural Resources Conservation Service |
| NRHP | National Register of Historic Places |
| NVC | National Vegetation Classification |
| NWI | USFWS National Wetland Inventory |
|  |  |
| OEL | occupational exposure limit |
| OPR | Governor’s Office of Planning and Research |
| OSHA | U.S. Occupational Safety and Health Administration |
|  |  |
| PAH | polycyclic aromatic hydrocarbon |
| Park Rangers | State Park Peace Officers |
| PCA | Pesticide Control Advisor |
| PCT | Pacific Coast Trail |
| PEIR | Program Environmental Impact Report |
| PEL | Permissible Exposure Limits |
| PFIRS | Prescribed Fire Incident Reporting System |
| PG&E | Pacific Gas and Electric |
| PM10 | respirable particulate matter with aerodynamic diameter of 10 micrometers or less |
| PM2.5 | fine particulate matter with aerodynamic diameter of 2.5 micrometers or less |
| Porter-Cologne Act | Porter-Cologne Water Quality Control Act |
| PPE | personal protective equipment |
| PRC | Public Resources Code |
| Proposition 65 | Safe Drinking Water and Toxic Enforcement Act |
| PRPA | Paleontological Resources Preservation Act |
| PSA | Project-Specific Analysis |
|  |  |
| RCD | Resource Conservation District |
| RCRA | Resource Conservation and Recovery Act |
| ROG | reactive organic gases |
| RPS | Renewable Portfolio Standard |
| RUP | restricted use pesticide |
| RWQCB | regional water quality control board |
|  |  |
| SAF Plan | State Alternative Fuels Plan |
| SARA | Superfund Amendments and Reauthorization Act |
| SB | Senate Bill |
| SB 1383 | Short-Lived Climate Pollutant Strategy/Diversion of Organic Waste from Landfills |
| SEMS | Standard Emergency Management System |
| SENL | Single Event [Impulsive] Noise Level |
| SFPUC | San Francisco Public Utilities Commission |
| SGC | California Strategic Growth Council |
| SGMA | Sustainable Groundwater Management Act |
| SLCP | Short-lived climate pollutant |
| SMP | smoke management plan |
| SO2 | sulfur dioxide |
| SPL | sound pressure level |
| SPR | Standard Project Requirements |
| SRA | State Responsibility Area |
| SWAP | Statewide Wildlife Action Plan |
| SWRCB | State Water Resources Control Board |
|  |  |
| TAC | toxic air contaminant |
| TCR | Tribal Cultural Resources |
| TMDL | total maximum daily load |
| TMP | Transportation Management Plan |
| TPQ | Threshold Planning Quantity |
| TPZ | Timberland Production Zone |
| TTC | Temporary traffic control |
|  |  |
| UC | University of California |
| UFP | ultrafine particulate matter |
| USACE | U.S. Army Corps of Engineers |
| USC | U.S. Code |
| USDA | U.S. Department of Agriculture |
| USFS | U.S. Forest Service |
| USFWS | U.S. Fish and Wildlife Service |
|  |  |
| VegCAMP | CDFW Vegetation Classification and Mapping Program |
| VHFHSZ | very high fire hazard severity zone |
| VMP | Vegetation Management Program |
| VMT | vehicle miles traveled |
| VOC | volatile organic compound |
|  |  |
| WHR | California Wildlife Habitat Relation |
| Williamson Act | California Land Conservation Act |
| WLPZ | Watercourse and Lake Protection Zone |
| WPS | Worker Protection Standard |
| WUI | wildland-urban interface |