

6: LIST OF ACRONYMS

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|-------|---|
| ac-ft | Acre-feet |
| AD | Anno Domini |
| ac | Acre |
| ACHP | Advisory Council on Historic Preservation |
| ADT | Average Daily Traffic |
| AE | Agriculture Exclusive |
| AHM | Acutely Hazardous Material |
| ALJ | Administrative Law Judge |
| amsl | Above Mean Sea Level |
| APM | Applicant Proposed Measure |
| ARE | Agriculture Rural Exclusive |
| AB | Assembly Bill |
| AQIA | Air Quality Impact Analysis |
| ARMR | Archaeological Resource Management Report |
| AST | Aboveground Storage Tank |
| ATHSA | Air Toxics Hot Spots Act |
| ATC | Authority to Construct |
| ATCM | Airborne Toxic Control Measures |
| BC | Before Christ |
| BACT | Best Available Control Technology |

Initial Study
Gill Ranch Gas Storage Project

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|----------------------------------|--|
| Bcf | Billion Cubic Feet |
| bgs | Below Ground Surface |
| BHP | Brake Horsepower |
| BLM | Bureau of Land Management |
| BMP | Best Management Practice |
| BRMIMP | Biological Resource Mitigation Implementation and Monitoring Plan |
| BST | Buried Site Testing |
| Btu | British Thermal Unit |
| °C | Degrees Celsius |
| CAA | Clean Air Act |
| cal | Calibrated |
| CAL FIRE | California Department of Forestry and Fire Protection |
| CAL/OSHA | California Department of Industrial Relations, Occupational Safety and Health Administration |
| CARB | California Air Resources Board |
| CA WDS | California Waste Discharge System |
| CBC | California Building Code |
| CCR | California Code of Regulations |
| CDFG | California Department of Fish and Game |
| CDHS | California Department of Health Services |
| CESA | California Endangered Species Act |
| CEQA | California Environmental Quality Act |
| CERCLIS | Comprehensive Environmental Response, Compensation, and Liability Information System |
| CI | Compressed Ignition |
| CIWMB | California Integrated Waste Management Board |
| cfs | Cubic Feet per Second |
| CFR | Code of Federal Regulations |
| C ₂ H ₃ Cl | Vinyl Chloride |
| cm | Centimeter |
| CNEL | Community Noise Equivalent Level |
| CNPS | California Native Plant Society |

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|-----------------|--|
| CO | Carbon Monoxide |
| CO ₂ | Carbon Dioxide |
| CPCN | Certificate of Public Convenience and Necessity |
| CPUC | California Public Utilities Commission |
| CRHR | California Register of Historical Resources |
| CTR | California Toxics Rule |
| CUPA | Certified Uniform Program Agency |
| CWA | Clean Water Act |
| CWC | California Water Code |
| dB | Decibels |
| dBA | A-weighted Decibels |
| DPA | Drainage Project Area |
| DOC | Department of Conservation |
| DOGGR | Department of Conservation Division of Oil, Gas and Geothermal Resources |
| DOT | Department of Transportation |
| DTSC | Department of Toxic Substances Control |
| EA | Exclusive Agriculture |
| EDR | Environmental Data Resources |
| EIR | Environmental Impact Report |
| EMF | Electromagnetic Field |
| EMI | Emissions Inventory Data |
| ESCP | Erosion and Sediment Control Plan |
| ESA | Endangered Species Act |
| °F | Degree(s) Fahrenheit |
| FAA | Federal Aviation Administration |
| FCFPD | Fresno County Fire Protection District |
| FCSD | Fresno County Sheriff's Department |
| FEMA | Federal Emergency Management Agency |
| FINDS | Facility Index System |
| FRA | Federal Responsibility Area |
| FSZ | Farmland Security Zone |

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|-----------------|---|
| ft | Feet/Foot |
| GHG | Greenhouse Gas |
| g/bhp-hr | Grams per Brake Horsepower per Hour |
| gpd | Gallons per Day |
| gpm | Gallons per Minute |
| GPS | Global Positioning System |
| GRS | Gill Ranch Storage, LLC |
| HAP | Hazardous Air Pollutant |
| HAZNET | Hazardous Waste Information System |
| HCA | High Consequence Area |
| HDD | Horizontal Directional Drilling |
| HP | Horse Power |
| HR | House of Representatives |
| HIST UST | Historical Underground Storage Tank Registered Database |
| HSP | Health and Safety Plan |
| Hz | Hertz |
| I | Interstate |
| in | Inch |
| in/sec | Inches per Second |
| ICU | Intersection Capacity Utilization |
| IW | Injection/Withdrawal |
| IS | Initial Study |
| kV | Kilovolt |
| L _{dn} | Day/Night Noise Level |
| L _{eq} | Equivalent Noise Level |
| LOA | Live Oak Associates, Inc. |
| LOS | Level of Service |
| LRA | Local Responsibility Area |
| M | Magnitude |
| MAOP | Maximum Allowable Operating Pressure |
| MCFD | Madera County Fire Department |

| | |
|-----------------|--|
| MCH | Madera Community Hospital |
| mg/L | Milligrams per Liter |
| mgd | Million Gallons per Day |
| mi | Mile |
| MINES | Mines Master Index File |
| MLD | Most Likely Descendent |
| MLV | Mainline Valve |
| mm | Millimeter |
| mm/yr | Millimeters per Year |
| MMcfd | Million Cubic Feet per Day |
| MND | Mitigated Negative Declaration |
| MP | Milepost |
| MRZ | Mineral Resource Zone |
| MS4 | Municipal Separate Storm Sewer System |
| MT | Metric Tons |
| MTpy | Metric Tons per Year |
| NAAQS | National Ambient Air Quality Standard |
| NAHC | Native American Heritage Coalition |
| NHPA | National Historic Preservation Act |
| NMFS | National Marine Fisheries Service |
| NE | Northeast |
| NESHAP | National Emission Standards for Hazardous Air Pollutants |
| NFRAP | No Further Remedial Action Planned |
| NHPA | National Historic Preservation Act |
| NO ₂ | Nitrogen Dioxide |
| NO _x | Oxides of Nitrogen |
| NPDES | National Pollution Discharge Elimination System |
| NRCS | Natural Resources Conservation Service |
| NRHP | National Register of Historic Places |
| NSPS | New Source Performance Standards |
| NSR | New Source Review |

| | |
|-------------------|--|
| NTU | Nephelometric Turbidity Units |
| NW | Northwest |
| NWP | Nationwide Permit |
| OHV | Off-Highway Vehicle |
| OM | Observation/Monitoring |
| OPS | Office of Pipeline Safety |
| OS | Open Space |
| PEA | Proponent's Environmental Assessment |
| PF | Public Facilities |
| PG&E | Pacific Gas and Electric Company |
| PHMSA | Pipeline and Hazardous Materials Safety Administration |
| PIR | Potential Impact Radius |
| PM _{2.5} | Particulate Matter Fewer than 2.5 Microns in Diameter |
| PM ₁₀ | Particulate Matter Fewer than 10 Microns in Diameter |
| ppm | Parts per Million |
| ppmv | Parts per Million by Volume |
| PPV | Peak Particle Velocity |
| PRC | Public Resources Code |
| psia | Pounds per Square Inch Absolute |
| PSIA | Pipeline Safety Improvement Act |
| psia/ft | Pounds per Square Inch Absolute per Foot |
| psi/ft | Pounds per Square Inch per Foot |
| psig | Pounds per Square Inch Gauge |
| RCRA | Resource Conservation and Recovery Act |
| RMP | Risk Management Plan |
| ROG | Reactive Organic Gases |
| ROW | Right of Way |
| RWQCB | Regional Water Quality Control Board |
| SARA | Superfund Amendment and Reauthorization Act |
| SE | Southeast |
| SHPO | State Historic Preservation Office |

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|-----------------|--|
| SIP | State Implementation Plan |
| SJVAB | San Joaquin Valley Air Basin |
| SJVAPCD | San Joaquin Valley Air Pollution Control District |
| SLC | State Lands Commission |
| SMARA | Surface Mining and Reclamation Act |
| SO ₂ | Sulfur Dioxide |
| SQG | Small Quantity Generator |
| SR | State Route |
| SRA | State Responsibility Area |
| SWEEPS | Statewide Environmental Evaluation and Planning System |
| SWPPP | Storm Water Pollution Prevention Plan |
| SWRCB | State Water Resources Control Board |
| TMDL | Total Maximum Daily Load |
| tpy | Tons per Year |
| TRIS | Toxic Release Inventory System |
| UCMP | University of California Museum of Paleontology |
| UPRR | Union Pacific Railroad |
| US | United States |
| USA | Underground Service Alert |
| USACE | U.S. Army Corps of Engineers |
| USD | Unified School District |
| USGS | U.S. Geological Survey |
| USEPA | U.S. Environmental Protection Agency |
| USFWS | U.S. Fish and Wildlife Service |
| UST | Underground Storage Tank |
| V/C | Volume to Capacity |
| VELB | Valley Elderberry Longhorn Beetle |
| VMT | Vehicle Miles Traveled |
| VOC | Volatile Organic Compound |
| W | Watt |
| WEAP | Worker Environmental Awareness Program |

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WMUDS/SWAT Waste Management Unit Database System/Solid Waste Assessment Test
WWD Westlands Water District
 $\mu\text{g}/\text{m}^3$ Micrograms per Cubic Meter