



STATEMENT OF QUALIFICATIONS

GEODE ENVIRONMENTAL is a woman owned, DBE & SBE certified, environmental and urban planning firm specializing in consulting and research. Working on both domestic and international projects, the Geode team is an integrative group of specialists— urban & environmental planners, environmental engineers, cultural specialists, biologists, water quality and stormwater specialists, data analysts, renewable energy specialists—providing our partners with expert environmental and regulatory solutions.

SOQ 2019

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CEQA | NEPA | ENVIRONMENTAL & URBAN PLANNING | REGULATORY PERMITTING
FEDERAL & STATE ENVIRONMENTAL COMPLIANCE | POLICY | ENERGY | WATER
INTERNATIONAL DEVELOPMENT | PEER REVIEW & QUALITY ASSURANCE

CLIENT SERVICES

OUR INTEGRATIVE TEAM PROVIDES INNOVATIVE REGULATORY SOLUTIONS FOR INTERNATIONAL, FEDERAL, AND STATE ENVIRONMENTAL COMPLIANCE.

MARKETS

Biological Resources
International & Community Development
Cultural Resources
Environmental & Urban Planning
Land Management
Mitigation
Policy
Remediation
Solar, Renewable Energy & Energy Efficiency
Transportation
Water

ENVIRONMENTAL & URBAN PLANNING

Regional and General Plans
Planned Growth & Sustainable Development
Business Models for Sustainable Development
Natural Resource Planning
Resilience Strategy & Planning
Climate Action Plans
Strategic Planning

POLICY

Environmental & Urban Policy
Supply Chain Evaluation
Carbon Reduction & Renewable Energy Advising
Policy Research & Design
Participatory Project Development

CLIENT SUPPORT

Regulatory Assistance
RCRA & CERCLA Case Management
SWRCB Cleanup & Abatement Order Resolution Assistance

FEDERAL & STATE ENVIRONMENTAL COMPLIANCE

California Environmental Quality Act (CEQA) Documentation
National Environmental Policy Act (NEPA) Documentation
State Water Resources Control Board- Cleanup & Abatement Orders
Mitigation Credit Purchase
Liaising with Agencies for Regulatory Compliance

TECHNICAL STUDIES

Biological Reports & Surveys
Community Impact Assessments
Cultural Resource Reports & Tribal Consultation
Economic Cost-Benefit Analysis
Engineering Reports: Air, Noise, Hazardous Waste, Geotechnical, Etc.
Environmental & Social Impact Assessments
Feasibility Studies
Focused Surveys for State & Federally Protected Species
Renewable Energy & Energy Efficiency Market Assessments
Stormwater Pollution Prevention Plan (SWPPP)
Vegetation Mapping
Visual Impact Assessments
Vulnerable Population Assessments
Water Pollution Control Program (WPCP)
Wetland Delineation Report

REGULATORY PERMITTING & COMPLIANCE MONITORING

Permitting for State Water Resources & Waters of the U.S.
Section 404 Permitting, USACE
Section 1600 Permit, CDFW
Section 401 Permit, Water Quality Certification, RWQCB
Fat, Oil & Grease (FOG) Compliance Monitoring
NPDES Permit Compliance Monitoring

PEER REVIEW & QUALITY ASSURANCE

Expert CEQA & NEPA Document Peer Reviews
Quality Assurance & Quality Control (QA/QC)
Policy Sufficiency Reviews
Monitoring & Evaluation

PROJECT EXPERIENCE

CEQA & NEPA TRANSPORTATION

HIGH SPEED RAIL | PALMDALE TO BURBANK SECTION

Principal CEQA/NEPA policy sufficiency peer reviewer for Project EIR and supporting environmental technical studies. Coordinating with environmental specialists and Rail Development Partner to conduct technical peer review against industry standards, and the California High Speed Rail Commission's Environmental Methodology Guidelines.

I-10 CORRIDOR | SBCTA & CALTRANS | SAN BERNARDINO/LOS ANGELES, CA

Lead Environmental Project Manager for SBCTA managing consultant team, and Caltrans on the 33-mile I-10 Corridor Project incorporating express-/toll-lanes. Managing schedule, peer reviews of reports, EIR/EIS, and public outreach for community impacts of express-/toll-lanes. Coordinating Section 7 Consultation with USFWS for federally listed endangered species.

I-15 EXPRESS LANES | SBCTA & CALTRANS | SAN BERNARDINO, CA

Environmental document lead on behalf of SBCTA, for the 14-mile I-15 Corridor Project incorporating express-/toll-lanes. Coordinating with Caltrans, SBCTA, and the consultant team, directing environmental strategy, conducting document peer reviews, and participating in community outreach efforts; also coordinating Section 7 Consultation with USFWS for federally listed endangered species.

SR-210 MIXED FLOW LANE | SBCTA & CALTRANS | SAN BERNARDINO, CA

Environmental lead at Project Development Team meetings, providing strategic environmental guidance, and peer reviews for all environmental studies and documents. Representing SBCTA with Caltrans in permitting efforts with USACE.

PROJECT EXPERIENCE

LOCAL ASSISTANCE

DINAH SHORE AVE SIGNALIZATION | CALTRANS | RANCHO MIRAGE, CA

Advising City on Interagency Agreement protocols providing signalization improvements in Cathedral City's jurisdiction, per Caltrans HQ Local Assistance protocols. Consulting with Agua Caliente Tribe's THPO and Caltrans SHPO for Section 106 Consultation, and assisting City in drafting an Environmentally Sensitive Area Action Plan due to sensitive Tribal Historic Resources adjacent to project footprint.

HWY 111 SIGNALIZATION | CALTRANS | RANCHO MIRAGE, CA

Lead Environmental Manager, coordinating with City's Traffic Engineer to formulate project description, securing cultural specialist to draft technical studies, and Caltrans on NEPA clearance, to implement signalization project installing fiber optic cable, ADA signals, and Centracs system for radio timing synchronization between traffic signals.

METROLINK ACCESSIBILITY | SBCTA & CALTRANS | SAN BERNARDINO, CA

Environmental project manager on behalf of SBCTA managing consultant team. Coordinating FHWA and Caltrans approval of pedestrian and bicyclist transit safety improvements around seven Metrolink stations in the cities of Montclair, Upland, Rancho Cucamonga, Fontana, Rialto, and San Bernardino, CA.

ROCK SPRINGS RD BRIDGE | SBCTA & CALTRANS | SAN BERNARDINO, CA

Coordinating with County of San Bernardino, consultant team, FHWA, and Caltrans to deliver NEPA CE and compiling the Environmental Commitments Record for NEPA clearance.

SALTON CREEK BRIDGE REPLACEMENT | CALTRANS | RIVERSIDE, CA

Lead, delivering NEPA CE and ECR. Performing all facets of investigation including coordination with Caltrans engineers, paleontologists, air, noise, hazardous waste specialists, biologists and cultural specialists for environmental clearances.

PROJECT EXPERIENCE

RESIDENTIAL DEVELOPMENT CEQA

CALATLANTIC HOMES | RANCHO LA HABRA EIR | LA HABRA, CA

Managing and coauthoring project EIR for residential community linking trails and open space areas, public community center and park, and approximately 2.7 acres of retail space. Coordinating with City staff, public services, specialists (air, noise, hazardous waste, traffic, and geotechnical), and researching demographic data analyzing environmental impacts of the residential development.

CITY OF WALNUT | THREE OAKS EIR ADDENDUM | WALNUT, CA

Authoring EIR Addendum to the Walnut Hills Final EIR to analyze the potential environmental impacts associated with the proposed land use change from golf course/club house evaluated in original EIR to a residential land use on the 16.48-acre parcel. Original applicant was Standard Pacific Homes.

SUMMERLY MCMILLIN | SPA, LLA, AND TTM REVISION | LAKE ELSINORE, CA

Drafting Specific Plan Amendment (SPA, for East Lake Specific Plan), Lot Line Adjustment (LLA), and Tentative Tract Map (TTM) revision, pertaining to Parcel 18 and Parcel 19 of TTM 31920, within the Summerly community. Coordinating with City of Lake Elsinore on Elsinore Valley Municipal Water District- and General Plan-requirements.

TRUMARK HOMES | CALTRANS ENCROACHMENT PERMITS | CHINO HILLS, CA

Managing and compiling traffic control plans, environmental data, and GIS maps, for Caltrans encroachment permits. Coordinating with Caltrans staff, developer-hired engineers, and private developer.

PROJECT EXPERIENCE

CASE MANAGEMENT & POLICY ANALYSIS

MY MONTECITO, INC. SH | SWRCB | RIVERSIDE & LOS ANGELES, CA

Case manager creating environmental consultant team, vetting environmental legal team on behalf of Client MY Montecito, Inc., SH. Creating resolution and remediation strategy to dismiss litigation due to Santa Ana State Water Resources Control Board's Cleanup and Abatement Order (CAO). Case resolved out of court due to remediation strategy. Site currently under remediation.

ACS HABITAT MANAGEMENT | WEED MANAGEMENT PLAN | BRIDGEPORT, CA

Environmental coordinator and case manager overseeing and drafting Weed Management Plan for on behalf of ACS for Marine Corps Mountain Warfare Training Center. Managing biological teams performing botany surveys on 342 acres of MCMWTC and GIS mapping of vegetation types for final report.

MAP-21 SECTION 1319 | SBCTA | FHWA

Coordinated with FHWA and Caltrans HQ to guide California's implementation of Section 1319 of MAP-21, on Accelerated Decision making in Environmental Reviews. Drafting policy memo and presentation on Section 1319 in the regulatory context of CEQA's more stringent governance mechanisms.

DTSC ADL POLICY MEMO | SBCTA

Interpreting DTSC's agreement with Caltrans on management of aerially deposited lead (ADL) contaminated soils excavated by Caltrans on highway improvement projects. Drafting implementation policy memo for SBCTA.

CEQA CEs WITHIN CALTRANS OPERATIONAL RIGHT OF WAY | SBCTA

Drafting CEQA policy to mirror MAP-21's 4 new CE types passed in October of 2014, to allow CEs on certain pre-screened activities within Caltrans' operational ROW.

AB 52 | CALIFORNIA OFFICE OF PLANNING & RESEARCH

Coordinating with the AB 52 author and lead attorney from Office of Planning and Research (OPR) on implementation of Native American Coordination on Tribal Cultural Resources.

ESSRA MOSTAFAVI | Founder & CEO

Essra, Founder & CEO of Geode Environmental, is an environmental policy and urban planning advisor. With public and consulting-sector experience, Essra has positioned Geode at the nexus of science and policy, offering clients comprehensive research and contemporary regulatory solutions. Since 2004, Essra has been enacting environmental policy, CEQA/NEPA, analysis, management, and sustainable and international development. For the past decade, Essra has been working on high-profile projects at the state, federal, and international levels, managing the policy reviews on the California High Speed Rail-Palmdale to Burbank Section; providing environmental oversight and management to consultant teams for the \$1.8 billion I-10 Corridor Project and the \$425 million I-15 Corridor Project; and directing USAID-funded sustainable agriculture projects in Nigeria. Essra holds a BA from UC Davis in International Relations-Environmental Policy, and an MA in International Environmental Policy, specializing in Sustainable Development, from Middlebury.



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