

## Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

<b>SCH #</b>
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**Project Title:** \_\_\_\_\_

Lead Agency: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

**Project Location:** County: \_\_\_\_\_ City/Nearest Community: \_\_\_\_\_

Cross Streets: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Longitude/Latitude (degrees, minutes and seconds): \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" N / \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" W Total Acres: \_\_\_\_\_

Assessor's Parcel No.: \_\_\_\_\_ Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_

Within 2 Miles: State Hwy #: \_\_\_\_\_ Waterways: \_\_\_\_\_

Airports: \_\_\_\_\_ Railways: \_\_\_\_\_ Schools: \_\_\_\_\_

**Document Type:**

- |                                      |  |                                    |  |
|--------------------------------------|--|------------------------------------|--|
| CEQA: <input type="checkbox"/> NOP   | <input type="checkbox"/> Draft EIR                 | NEPA: <input type="checkbox"/> NOI | Other: <input type="checkbox"/> Joint Document |
| <input type="checkbox"/> Early Cons  | <input type="checkbox"/> Supplement/Subsequent EIR | <input type="checkbox"/> EA        | <input type="checkbox"/> Final Document        |
| <input type="checkbox"/> Neg Dec     | (Prior SCH No.) _____                              | <input type="checkbox"/> Draft EIS | <input type="checkbox"/> Other: _____          |
| <input type="checkbox"/> Mit Neg Dec | Other: _____                                       | <input type="checkbox"/> FONSI     | _____  |

**Local Action Type:**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> General Plan Update    | <input type="checkbox"/> Specific Plan            | <input type="checkbox"/> Rezone                            | <input type="checkbox"/> Annexation     |
| <input type="checkbox"/> General Plan Amendment | <input type="checkbox"/> Master Plan              | <input type="checkbox"/> Prezone                           | <input type="checkbox"/> Redevelopment  |
| <input type="checkbox"/> General Plan Element   | <input type="checkbox"/> Planned Unit Development | <input type="checkbox"/> Use Permit                        | <input type="checkbox"/> Coastal Permit |
| <input type="checkbox"/> Community Plan         | <input type="checkbox"/> Site Plan                | <input type="checkbox"/> Land Division (Subdivision, etc.) | <input type="checkbox"/> Other: _____   |

**Development Type:**

- |   |  |
|---|--|
| <input type="checkbox"/> Residential: Units _____ Acres _____                 | <input type="checkbox"/> Transportation: Type _____            |
| <input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____     | <input type="checkbox"/> Mining: Mineral _____                 |
| <input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Power: Type _____ MW _____            |
| <input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____ | <input type="checkbox"/> Waste Treatment: Type _____ MGD _____ |
| <input type="checkbox"/> Educational: _____                                   | <input type="checkbox"/> Hazardous Waste: Type _____           |
| <input type="checkbox"/> Recreational: _____                                  | <input type="checkbox"/> Other: _____                          |
| <input type="checkbox"/> Water Facilities: Type _____ MGD _____               |  |

**Project Issues Discussed in Document:**

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Aesthetic/Visual         | <input type="checkbox"/> Fiscal                     | <input type="checkbox"/> Recreation/Parks                | <input type="checkbox"/> Vegetation               |
| <input type="checkbox"/> Agricultural Land        | <input type="checkbox"/> Flood Plain/Flooding       | <input type="checkbox"/> Schools/Universities            | <input type="checkbox"/> Water Quality            |
| <input type="checkbox"/> Air Quality              | <input type="checkbox"/> Forest Land/Fire Hazard    | <input type="checkbox"/> Septic Systems                  | <input type="checkbox"/> Water Supply/Groundwater |
| <input type="checkbox"/> Archeological/Historical | <input type="checkbox"/> Geologic/Seismic           | <input type="checkbox"/> Sewer Capacity                  | <input type="checkbox"/> Wetland/Riparian         |
| <input type="checkbox"/> Biological Resources     | <input type="checkbox"/> Minerals                   | <input type="checkbox"/> Soil Erosion/Compaction/Grading | <input type="checkbox"/> Growth Inducement        |
| <input type="checkbox"/> Coastal Zone             | <input type="checkbox"/> Noise                      | <input type="checkbox"/> Solid Waste                     | <input type="checkbox"/> Land Use                 |
| <input type="checkbox"/> Drainage/Absorption      | <input type="checkbox"/> Population/Housing Balance | <input type="checkbox"/> Toxic/Hazardous                 | <input type="checkbox"/> Cumulative Effects       |
| <input type="checkbox"/> Economic/Jobs            | <input type="checkbox"/> Public Services/Facilities | <input type="checkbox"/> Traffic/Circulation             | <input type="checkbox"/> Other: _____             |

**Present Land Use/Zoning/General Plan Designation:**

**Project Description:** (please use a separate page if necessary)

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

**Reviewing Agencies Checklist**

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with and "X". If you have already sent your document to the agency please denote that with an "S".

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Air Resources Board                         | <input checked="" type="checkbox"/> Office of Historic Preservation                     |
| <input type="checkbox"/> Boating & Waterways, Department of                     | <input type="checkbox"/> Office of Public School Construction                           |
| <input type="checkbox"/> California Emergency Management Agency                 | <input type="checkbox"/> Parks & Recreation, Department of                              |
| <input type="checkbox"/> California Highway Patrol                              | <input type="checkbox"/> Pesticide Regulation, Department of                            |
| <input type="checkbox"/> Caltrans District # _____                              | <input type="checkbox"/> Public Utilities Commission                                    |
| <input type="checkbox"/> Caltrans Division of Aeronautics                       | <input type="checkbox"/> Regional WQCB # _____  |
| <input type="checkbox"/> Caltrans Planning                                      | <input type="checkbox"/> Resources Agency   |
| <input type="checkbox"/> Central Valley Flood Protection Board                  | <input type="checkbox"/> Resources Recycling and Recovery, Department of                |
| <input checked="" type="checkbox"/> Coachella Valley Mtns. Conservancy          | <input type="checkbox"/> S.F. Bay Conservation & Development Comm.                      |
| <input type="checkbox"/> Coastal Commission                                     | <input checked="" type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy |
| <input type="checkbox"/> Colorado River Board                                   | <input type="checkbox"/> San Joaquin River Conservancy                                  |
| <input type="checkbox"/> Conservation, Department of                            | <input type="checkbox"/> Santa Monica Mtns. Conservancy                                 |
| <input type="checkbox"/> Corrections, Department of                             | <input type="checkbox"/> State Lands Commission   |
| <input type="checkbox"/> Delta Protection Commission                            | <input checked="" type="checkbox"/> SWRCB: Clean Water Grants                           |
| <input type="checkbox"/> Education, Department of                               | <input checked="" type="checkbox"/> SWRCB: Water Quality                                |
| <input type="checkbox"/> Energy Commission                                      | <input type="checkbox"/> SWRCB: Water Rights  |
| <input type="checkbox"/> Fish & Game Region # _____                             | <input type="checkbox"/> Tahoe Regional Planning Agency                                 |
| <input type="checkbox"/> Food & Agriculture, Department of                      | <input type="checkbox"/> Toxic Substances Control, Department of                        |
| <input checked="" type="checkbox"/> Forestry and Fire Protection, Department of | <input type="checkbox"/> Water Resources, Department of                                 |
| <input type="checkbox"/> General Services, Department of                        | Other: _____  |
| <input type="checkbox"/> Health Services, Department of                         | Other: _____  |
| <input type="checkbox"/> Housing & Community Development                        |   |
| <input checked="" type="checkbox"/> Native American Heritage Commission         |   |

**Local Public Review Period (to be filled in by lead agency)**

Starting Date April 7, 2022 Ending Date May 6, 2022

**Lead Agency (Complete if applicable):**

Consulting Firm: _____	Applicant: <u>Santa Ana Watershed Project Authority</u>
Address: _____	Address: <u>11615 Sterling Ave.</u>
City/State/Zip: _____	City/State/Zip: <u>Riverside, CA 92503</u>
Contact: _____	Phone: <u>951-538-5254</u>
Phone: _____	

Signature of Lead Agency Representative: *Mark R. Post* Date: 4/1/2022

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.



Notice of Completion Additional Sheet

Project Location and Land Use:

Site Name	Elevation (ft)	Coordinates (Lat., long.)	Local Jurisdiction	Zoning	Ordinance/Code Regulating Land Use	Current Land Use
Waterwise - CBWCD	1044	34.078103, -117.704509	City of Montclair, San Bernadino County	R1 Single-Family Residential	City of Montclair Zoning Ordinance 11.18.010	Community center/park
Upland - CBWCD	1318	34.101183, -117.695932	City of Upland, San Bernardino County	PB-FC/R Public Flood Control/ Recharge	Upland Municipal Code 17.08.020 Land Use Regulations for Special Purpose Zones	Flood control
SAWC-1	1720	34.137955, -117.639953	City of Upland, San Bernardino County	M Mining	Upland Municipal Code 17.08.020 Land Use Regulations for Special Purpose Zones	Mining
SAWC-2	2120	34.156470, -117.671847	San Bernardino County	RS-10M Single Residential - 10,000 square feet Minimum	San Bernardino County Code of Ordinances 82.04.040	Water treatment/ flood control
EVWD	1498	34.136848, -117.188404	City of San Bernardino	Publicly Owned Flood Control	City of San Bernardino Development Code Chapter 19.10	Sparsely vegetated vacant land
Thousand Pines Christian Camp	4903	34.249539, -117.278552	San Bernardino County	CF/RL-5 Crest Forest/Rural Living-5 Acre Minimum	San Bernardino County Code of Ordinances 82.04.040	Camp and conference center
Sycamore Water Plant	1649	34.186745, -117.309273	City of San Bernardino, San Bernardino County	University Hills Specific Plan District	City of San Bernardino Development Code Chapter 19.10	Sparsely vegetated vacant land



Site Name	Elevation (ft)	Coordinates (Lat., long.)	Local Jurisdiction	Zoning	Ordinance/Code Regulating Land Use	Current Land Use
SBVWCD-1	1841	34.070031, -117.114747	San Bernardino County	RM Residential Multiple	San Bernardino County Code of Ordinances 82.04.040	Vacant lot
SBVWCD-2	2120	34.107975, -117.099455	San Bernardino County	Resource Conservation	San Bernardino County Code of Ordinances 82.03.030	Dam powerhouse and ancillary facilities
San Gorgonio Pass Water Agency	2881	33.975799, -116.981613	Riverside County	R-A-1, Residential Agricultural	Riverside County Ordinance 348.4966 Section 6.50	Vacant lot
EMWD - N	2182	33.780236, -117.072465	Riverside County	R-A-10, CZ No. 5696, Residential Agricultural	Riverside County Ordinance 348.4966 Section 6.50	Open space
EMWD - S	1854	33.668970, -116.970352	Riverside County	A-2-10, Heavy Agriculture	Riverside County Ordinance 348.4966 Section 14.1	Water storage
Mary Lea Gardiner	3663	33.536251, -116.805057	Riverside County	R-1-2 1/2 One and multiple family dwellings	Riverside County Ordinance 348.4966 Section 6.1 and 7.1	Private residence
Irvine Ranch Water District	810	33.776528, -117.754128	Orange County	A1 (SR) General agricultural/ rural residential (sign restriction)	Orange County Municipal Code Section 7-9-32	Municipal buildings
El Toro Reservoir	579	33.6234824, -117.6697852	City of Mission Viejo	Community Facility	Mission Viejo Code of Ordinances Chapter 9.14	Water reservoir

**Project Description:**

The objective of the pilot Project is to increase water supply in the region through implementation of a weather modification project and evaluate the realized benefits of cloud seeding in the Santa Ana River watershed to inform long-term decision-making and investments related to water supply. The Santa Ana River watershed is within one of the most densely populated areas in the State, with a growing and urbanizing population that is increasing demands on water supply. Due to population growth and climate change, historic hydrologic patterns can no longer be relied on and the system of imported water that



provides significant supply to the region has become less reliable. The watershed gets about 50% of its water from local precipitation in the form of surface water and stored as groundwater, 35% using imports from the State Water Project and the Colorado River Aqueduct, and 15% from recycled water. Southern California, as with much of the state, has experienced drought conditions since 2014. The Project seeks to benefit the region by increasing the productivity of storm events and increasing local water supply.

The Project is a four-year pilot project that would include the installation and operation of 15 ground-based weather modification units throughout the Santa Ana River watershed to increase precipitation in the region. The Project would be operated for four years. Two types of ground-based cloud seeding methods would be used: North American Weather Consultants (NAWC) proprietary automated high output ground seeding (AHOGS) systems and ground-based cloud nuclei generators (CNGs). AHOGS are triggered by the Project meteorologist operating remotely; once triggered the units burn flares that rapidly release a concentrated amount of silver iodide (NAWC 2020). These generators are used for seeding convective bands with high concentrations of supercooled liquid water and strong vertical updrafts. CNGs are manually-operated systems that burn a solution of silver iodide and acetone to create a constant cloud of seeding material that provides broad coverage over mountainous terrain with strong orographic effects.