NOAA FORM 17-4 U.S. DEPARTMENT OF COMMERCE		Form Approved OMB Control No. 0648-0025			
NOAA FORM 17-4 U.S. DEPARTMENT OF COMMERCE (4.81) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		Expires 05/31/202:	100 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m		1
INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES This report is required by Public Law 92-205; 85 Stat. 735; 145 U.S.C. 330b. Knowing and willful violation of any rule adopted under the authority of Section 2 of Public Law 92-205 shall subject the person violating such rule to a fine of not more than \$10,000, upon conviction thereof.		Complete in accordance with instructions on reverse and forward one copy to: National Oceanic and Atmospheric Administration Office of Oceanic and Atmospheric Research 1315 East-West Highway, WWMC-3, Rm 11216 Silver Spring, MD 20910			
1. PROJECT OR ACTIVITY DESIGNATION, IF ANY		2. DATES OF PROJECT			
Kaweah River Cloud Seeding Program		a. DATE FIRST ACTUAL WEATHER MODIFICATION 11/1/2023 ACTIVITY IS TO BE UNDERTAKEN			11/1/2023
3. PURPOSE OF PROJECT OR ACTIVITY Snowpack Augmentation		EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES		4/30/2023	
4. (a) SPONSOR		4. (b) OPERATOR			
NAME Shane Smith		NAME Richard Stone			
AFFILIAT.ON KDWCD	5599097554	AFFILIATION RH	S Consulting	a, Ltd	PHONE NUMBER 4659
STREET ADDRESS 2875 Farmers ville Blvd		STREET ADDRESS 2227 Bellanca St			
CITY Farmersville STATE CA	VIP CODE 93223	CITY Minden		STATE	ZIP CODE 89423
5. TARGET AND CONTROL AREAS (See Instructions) TARGET AREA		of the second	co	INTROL AREA	
LOCATION Kaweah River Basin 828 SQ. MI		LOCATION	ed, Tule, Co	ottonwood (SIZE OF AREA
6. DESCRIPTION OF WEATHER MODIFICATION APPARA	TE AND THEIR DISE	DEAL DATES THE T	ECHNIQUES EMPLO		
operational program office is located at the upwind of the target area. Seeding material (temperature, liquid water content, cloud demixed phase clouds. Evaluations are conducted that surround the target area to the 7. LOG BOOKS Enter name, affiliation, address, and telemants. NAME Richard Stone	released between 8 epth). Seeding is con- ucted annually based a north southwest a	,000'-17,000' at ducted at the to on streamflow nd portheast bo	500-2000gAg of the satura data using rati	I/hr depending ated layer in sum to statistics. Me target area	g on cloud conditions upercooled cloud or ultiple control areas
AFFILIATION RHS Consulting, Ltd		7753574659			
STREET ADDRESS PO Box 17096	74 V 12 V 1		0		
Reno		STATENV	ZIP CODE 895	511	
8. SAFETY AND ENVIRONMENT		1 2 2 2	- h 	© +0 €0 +0	
YES NO Has an Environmental Impact Statement, Federal or State, been filed? If yes, please furnish a copy as applicable. Have provisions been made to acquire the latest forecasts, advisories, warnings, etc., of the National Weather Service, Forest Service, or others when issued prior to and during operations? If yes, please specify on a separate sheet. Have any safety procedures (aperational constraints, provisions for suspension of operations, monitoring methods, etc.) and any environmental guidelines (related to the possible effects of the operations) been included in the operational plans? If yes, please furnish copies or a description of the specific procedures and guidelines.					
9. OPTIONAL REMARKS (See instructions. Use Separa	te Sheet).		<u> </u>		
CERTIFICATION: I certify that all statements in this report on this weather modification project are complete and correct to the best of my knowledge and are made in good faith.		NAME OF REPORTING PERSON Richard Stone			
AFFILIATION		SIGNATURE	MA		Secretarials of State Co.
RHS Consulting, Ltd		1	MICHE)		···
STREET ADDRESS PO Box 17096		OFFICIALTITIE	Manager		
Reno STATE NV	ZIP CODE 89511	DATE 10/22	/2023	PHONE NUMBER	7753574659

Kaweah River Basin Supplement to Form 17-4

The following information is provided as requested by item 8 on Form 17-4, Safety and Environment

Environmental Impact Report

An Environmental Assessment was conducted by the sponsor and a Negative Declaration was filed with no dissenting opinions.

Suspension Criteria

The project may be temporarily suspended when one of the following conditions exists

EXCESSIVE SNOWPACK

These snowpack amounts serve as a guide regarding the potential suspension of the seeding program; they are not hard and fast criteria, but rather are designed to prompt close coordination with the water managers. These criteria are based on average target area precipitation amounts as follows:

- 200% on January 1
- 2. 180% on February 1
- 3. 160% on March 1
- 4. 150% on April 1

Snow sensor observations are available on a daily basis at several locations. Interpolation of these percentages can be made for any given day in order to aid suspension decisions.

FLOODING

- TARGET AREA- Utilizing quantitative precipitation forecasts (QPF), antecedent indices, and forecast freezing levels, decisions can be made of individual storm event runoff in the area draining into Lake Kaweah. If the estimated storm runoff volume exceeds the available storage (i.e., spill condition), the project may be suspended.
- RAIN ON SNOW During periods above average snowpack exists and rising freezing levels and
 potential for rain on snow events where insufficient storage capacity is available the project may
 be temporarily suspended until the river flows recede and freezing levels fall below 4,500'.
- Severe Weather- Severe weather is monitored on a storm-by-storm basis, and even hourly basis
 during rapidly changing weather conditions. The project may be suspended when a National
 Weather Service Flash Flood Warning is in effect over any part of the target area until the
 warning expires.

SPECIAL CIRCUMSTANCES

- 1. Official emergency response activity within the target area.
- 2. Other Special Circumstances or unusual circumstances, which may be deemed hazardous. Examples of special circumstances strong winds, heavy snow at low elevations, and other unforeseen conditions that could be hazardous or perceived by the public as hazardous. Reservoir storage levels, soil moisture content, and amounts of precipitation in prior seasons are all factors to consider in assessing whether a temporary program suspension is appropriate

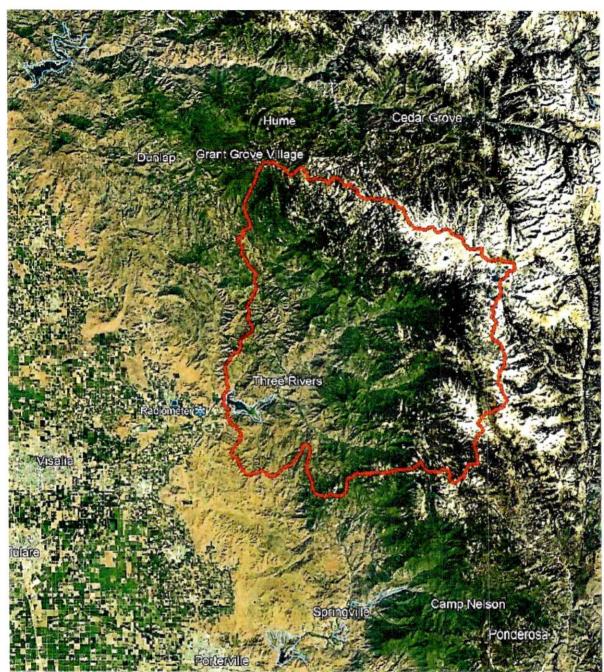


Figure 1. Kaweah River Basin Target Area