



November 6, 2018

National Oceanic and Atmospheric Administration
Office of Weather and Air Quality
Attn: Dr. Kandis Boyd (301) 734-1026
1315 East-West Highway, #10339
Silver Springs, MD 20910-3282

RE: 2018-19 NOAA FORM 17-4 Initial Report
Upper Tuolumne River Weather Modification Program

Dear Dr. Boyd:

Weather Modification LLC dba Weather Modification International (WMI) is pleased to submit the enclosed with compliance with the National Oceanic and Atmospheric Administration's weather modification activities reporting requirements (P.L. 205, 92nd, Congress). Below is a summary of additional information required by NOAA Form 17-4.

If you have any questions, please do not hesitate to call.

Item 5: Aircraft operations – please see enclosed map.

Item 8: WMI is not aware of any EIS or EA conducted for this program. Additional information regarding this can be obtained from the client.

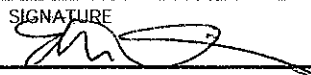
Contact Information: Mr. Jason Carkeet (209) 883-8325
Turlock Irrigation District
901 North Broadway
P.O. Box 949, Turlock CA 95381

Provisions will be made to acquire the latest weather information, including advisories, watches, and warnings from the National Weather Service. Snowpack and water storage levels will be monitored by both WMI personnel and the client. This information will be routinely communicated between both parties regarding seeding suspension and/or termination of operations.

Item 9: No additional comments.

Sincerely,

Erin Fischer
Client Services

Complete in accordance with instructions on reverse and forward copy: TO: National Oceanic and Atmospheric Administration Office of Oceanic and Atmospheric Research 1315 East-West Highway SSMC-3 Room 11554 Silver Spring, MD 20910				Form Approved: OMB No. 0648-0025 Expires 01/31/2018 NOAA FORM 17-4 U.S. DEPARTMENT OF COMMERCE (4-81) NAT'L OCEANIC AND ATMOSPHERIC ADM. INITIAL REPORT ON WEATHER MODIFICATION ACTIVITIES (P.L. 205, 92 ND . CONGRESS)			
1. PROJECT OR ACTIVITY DESIGNATION, IF ANY Upper Toulumne River Weather Modification Project				2. DATES OF PROJECT			
3. PURPOSE OF PROJECT OR ACTIVITY Increase precipitation in select mountainous regions of central CA.				a. DATE FIRST ACTUAL WEATHER MODIFICATION ACTIVITY IS TO BE UNDERTAKEN 11/01/2018			
				b. EXPECTED TERMINATION DATE OF WEATHER MODIFICATION ACTIVITIES 04/30/2019			
4. (a) SPONSOR				4. (b) OPERATOR			
NAME Jason Carkeet				NAME Jody Fischer			
AFFILIATION Turlock & Modesto Irrigation District		PHONE NUMBER (209) 833-8325		AFFILIATION Weather Modification LLC		PHONE NUMBER (701) 235-5500	
STREET ADDRESS 901 N Broadway, P.O. Box 949				STREET ADDRESS 3802 20th Street North			
CITY Turlock		STATE CA	ZIP CODE 95831	CITY Fargo		STATE ND	ZIP CODE 58102
5. TARGET AND CONTROL AREAS (See Instructions)							
TARGET AREA				CONTROL AREA			
LOCATION East-Central California, USA		SIZE OF AREA 1615 SQ.MI		LOCATION NA		SIZE OF AREA SQ.MI.	
6. DESCRIPTION OF WEATHER MODIFICATION APPARATUS, MODIFICATION AGENTS AND THEIR DISPERSAL RATES, THE TECHNIQUES EMPLOYED, ETC. (See Instructions) Airborne glaciogenic seeding techniques will be used to treat the specified target areas in the Upper Toulumne River Watershed. Seeding will be accomplished by the use of pyrotechnic flares. The aircraft will dispense silver iodide seeding agent at the rate of 16 (sixteen) grams of silver iodide over a period of about 4 (four) minutes or at the rate of 2 (two) grams of silver iodide over a period of about 1 (one) every minute when storm conditions are favorable. Seeding will be guided by the project meteorologist, furnished by Weather Modification LLC dba Weather Modification International (WMI).							
7. LOG BOOKS: Enter name, affiliation, address, and telephone number of responsible individual from whom log books or other records may be obtained.							
NAME Ms. Erin Fischer				THIS REPORT IS REQUIRED BY PUBLIC LAW 92-205; 85 STAT 735; 15 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.			
AFFILIATION Weather Modification LLC		PHONE NUMBER (701) 235-5500					
STREET ADDRESS 3802 20th Street North							
CITY Fargo		STATE ND	ZIP CODE 58102				
8. SAFETY AND ENVIRONMENT							
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Has an Environmental Impact Statement, Federal or State been filed? If yes, please furnish a copy as applicable.					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		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.					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Have any safety procedures (operational 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 Separate Sheet.)							
NAME Erin Fischer				CERTIFICATION: I certify that the above statements are true, complete and correct to the best of my knowledge and belief.			
AFFILIATION Weather Modification LLC				SIGNATURE 			
STREET ADDRESS 3802 20th Street North				OFFICIAL TITLE Client Services			
CITY Fargo		STATE ND	ZIP CODE 58102	DATE 11/06/2018		PHONE NUMBER (701) 235-5500 202	

TID TARGET AREA

