



Twitchell Dam Project Update

***California Severe Winter Storms,
Flooding, Landslides, and Mudslides
(DR-4683 & DR-4699)***

September 19, 2024

Financial Summary

The below tables outline the current financial landscape of the Twitchell Dam emergency efforts in response to DR-4683 and DR-4699.

TWITCHELL DAM PROJECT UPDATE

Vegetative Debris Removal					
Contractor	Invoice #	Invoice Period	Scope	Amount	Disaster
MSL	CAT A - Vegetative Debris - 6	04.11.23 - 04.13.23	Debris Removal & Disposal Costs	\$ 17,324.50	4699
MSL	CAT A - Vegetative Debris - 6	04.17.23 - 04.25.23	Debris Removal & Disposal Costs	\$ 33,613.41	4699
			Total	\$ 50,937.91	
Reservoir Pumping Efforts					
Contractor	Invoice #	Invoice Period	Scope	Amount	Disaster
MSL		1001 1.16.23 - 02.25.23	Mobilization, Temporary Storage Facility	\$ 14,858,798.35	4683
MSL		1001S 01.16.23 - 02.25.23	Mobilization, Equipment, Per Diem, Labor	\$ 379,512.89	4683
MSL		1002 02.26.23 - 05.26.23	Mobilization, Equipment, Per Diem, Labor	\$ 10,534,785.06	4699
MSL		1003 07.10.23 - 08.27.23	Demobilization, Per Diem, Labor	\$ 737,308.36	4699
			Total	\$ 26,510,404.66	
Administrative					
Contractor	Invoice #	Invoice Period	Scope	Amount	Disaster
Synergy		1516 01.19.23 - 02.25.23	Planning	\$ 183,405.12	
Synergy		1517 01.19.23 - 02.25.23	Mobilization	\$ 110,975.83	
Synergy		1549 02.26.23 - 03.31.23	Field Oversight	\$ 217,606.31	4699
			Total	\$ 511,987.26	
Other Costs					
Contractor	Invoice #	Invoice Period	Scope	Amount	Disaster
ROC Sciences*	TBD	TBD	TBD	\$ 3,800,000.00	
HORNE	001 2023.07	07.01.23 - 07.31.23	Grant Assistance	\$ 27,625.00	
HORNE	002 2023.08	08.01.23 - 08.31.23	Grant Assistance, LiDAR	\$ 48,913.00	
HORNE	003 2023.09	09.01.23 - 09.30.23	Grant Assistance	\$ 18,000.00	
HORNE	004 2023.10	10.01.23 - 10.31.23	Grant Assistance	\$ 17,250.00	
HORNE	005 2023.11	11.01.23 - 11.30.23	Grant Assistance, Appeal	\$ 29,948.75	
HORNE	005 2023.12	12.01.23 - 12.31.23	Grant Assistance, Appeal	\$ 46,434.00	
HORNE	007 2024.01	01.01.24 - 01.31.24	Grant Assistance, Appeal	\$ 23,426.00	
HORNE	008 2024.02	02.01.24 - 02.29.24	Grant Assistance	\$ 1,250.00	
HORNE	009 2024.03	03.01.24 - 03.31.24	Grant Assistance	\$ 875.00	
HORNE	009 2024.04	04.01.24 - 04.30.24	Grant Assistance	\$ 7,750.00	
HORNE	011 2024.05	05.01.24 - 05.31.24	Grant Assistance	\$ 9,428.00	
HORNE	012 2024.06	06.01.24 - 06.30.24	Grant Assistance	\$ 4,187.50	
HORNE	013 2024.07	07.01.24 - 07.31.24	Grant Assistance	\$ 7,750.00	
HORNE***	014 2024.08	08.01.24 - 08.31.24	Grant Assistance	\$ 54,777.15	
			Total	\$ 4,097,614.40	
			Total Costs Incurred	\$ 31,170,944.23	
* Costs have not yet been billed to SMVWCD					
** Appeal preparation invoice subtotal \$35,026.50 on HORNE December 2023 invoice to include services from Baker Donelson					
***Includes \$33,499.65 for Lidar retainer payment and \$10,152.50 for 2nd Appeal Preparation					
HORNE Invoice Detail - SMVWCD - Professional Services			As of 8/15/2024		
Invoice Scope	Contract Amount	Invoiced to Date	Contract Remaining		
Grant Assistance and Project Management (Direct Costs Included)*	\$ 3,910,000.00	\$ 223,248.15	\$ 3,686,751.85		
Appeal	\$ 75,000.00	\$ 74,366.25	\$ 633.75		
2nd Appeal	\$ 15,000.00	\$ -	\$ 15,000.00		
Total	\$ 4,000,000.00	\$ 297,614.40	\$ 3,702,385.60		
*Direct costs total \$19,178.00 for bathymetric survey					

Key Dates

DR-4683 INCIDENT PERIOD: Dec 27, 2022 - Jan 31, 2023

DR-4683 DECLARATION DATE: Jan 14, 2023

DR-4699 INCIDENT PERIOD: Feb 21, 2023 - Continuing

DR-4699 DECLARATION DATE: Feb 21, 2023 - Continuing

DR-4683 END OF 100% REIMBURSEMENT PERIOD: Feb 25, 2023

DR-4699 DECLARATION DATE: Apr 3, 2023

DR-4683 EMERGENCY WORK ACTIVITY COMPLETION DEADLINE: Jul 14, 2023

DR-4683 PERMANENT WORK ACTIVITY COMPLETION DEADLINE: Jul 14, 2024

DR-4699 FEMA SITE VISIT: Sept 21, 2023

DR-4699 FEMA SITE VISIT: Oct 4, 2023

DR-4683 EMERGENCY WORK ACTIVITY APPEAL DEADLINE: Dec 16, 2023

CALOES/FEMA VIRTUAL MEETING: April 2, 2024

FEMA SITE INSPECTION MEETING: April 25, 2024


CALOES IN-PERSON MEETING: May 15, 2024


SECOND APPEAL SUBMITTED: July 29, 2024

CALOES RFI REQUESTED: August 6, 2024

CALOES RFI DUE DATE: August 21, 2024

CALOES RFI SUBMITTED: August 21, 2024

 DR-4683

 DR-4699

Key Status Updates

- **General Updates/Needs**

- CALOES RFI was submitted on 8/21/2021. No further information has been received.
- Followed up with FEMA on the following projects:
 - Project 727757 – Cat A – Debris Removal –
 - Resubmitted supporting documentation to FEMA for review.
 - Project 727760 – Cat B – Sediment Removal –
 - Informed FEMA the district is preparing an update LIDAR scan of the entire reservoir and asked they hold on any eligibility determinations until they are in receipt of the documentation.
 - Project 746580 – Cat D – Shaft House Electronics –
 - Resubmitted documentation to FEMA for review which included anticipated completion timelines.
 - Project 750212 – Cat D – Shaft House and Face of Dam Repairs –
 - Requested FEMA send site inspectors and cost estimators to the reservoir to review for damages and provide cost estimations.
 - Project 746600 – Cat D – Elevator –
 - Requested FEMA perform final site inspection during their review of the Face of Dam repairs.



HORNE