



# **Twitchell Dam Project Update**

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

**February 20, 2025**

# Financial Summary

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

<b>Vegetative Debris Removal</b>				
<b>Contractor</b>	<b>Invoice #</b>	<b>Invoice Period</b>	<b>Scope</b>	<b>Amount</b>
MSL	CAT A - Vegetative Debris - 6	04.11.23 - 04.13.23	Debris Removal & Disposal Costs	\$ 17,324.50
MSL	CAT A - Vegetative Debris - 6	04.17.23 - 04.25.23	Debris Removal & Disposal Costs	\$ 33,613.41
			<b>Total</b>	<b>\$ 50,937.91</b>
<b>Reservoir Pumping Efforts</b>				
<b>Contractor</b>	<b>Invoice #</b>	<b>Invoice Period</b>	<b>Scope</b>	<b>Amount</b>
MSL		1001 1.16.23 - 02.25.23	Mobilization, Temporary Storage Facility	\$ 14,858,798.35
MSL		1001S 01.16.23 - 02.25.23	Mobilization, Equipment, Per Diem, Labor	\$ 379,512.89
MSL		1002 02.26.23 - 05.26.23	Mobilization, Equipment, Per Diem, Labor	\$ 10,534,785.06
MSL		1003 07.10.23 - 08.27.23	Demobilization, Per Diem, Labor	\$ 737,308.36
ROC Sciences*	TBD	TBD	TBD	\$ 3,800,000.00
			<b>Total</b>	<b>\$ 30,310,404.66</b>
<b>Administrative</b>				
<b>Contractor</b>	<b>Invoice #</b>	<b>Invoice Period</b>	<b>Scope</b>	<b>Amount</b>
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
			<b>Total</b>	<b>\$ 511,987.26</b>
<b>Other Costs</b>				
<b>Contractor</b>	<b>Invoice #</b>	<b>Invoice Period</b>	<b>Scope</b>	<b>Amount</b>
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	006 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	010 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, Appeal	\$ 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, LiDAR and Appeal	\$ 54,777.15
HORNE	015 2024.09	09.01.24 - 09.30.24	Grant Assistance Appeal	\$ 7,883.50
HORNE	016 2024.10	10.01.24 - 10.31.24	Grant Assistance, LiDAR	\$ 13,899.73
HORNE	017 2024.12	12.01.24 - 12.31.24	Grant Assistance, LiDAR	\$ 22,099.60
HORNE	018 2025.01	01.01.25 - 01.31.25	Grant Assistance	\$ 3,275.00
			<b>Total</b>	<b>\$ 344,772.23</b>
			<b>Total Costs Incurred</b>	<b>\$ 31,218,102.06</b>
<b>HORNE Invoice Detail - SMVWCD - Professional Services</b>			<b>As of 2/20/2025</b>	
<b>Invoice Scope</b>	<b>Contract Amount</b>	<b>Invoiced to Date</b>	<b>Contract Remaining</b>	
Grant Assistance and Project Management	\$ 3,823,823.02	\$ 169,365.00	\$ 3,654,458.02	
LiDAR (2023 LiDAR - \$19,178 and 2024 LiDAR - \$66,998.65)	\$ 86,176.98	\$ 86,176.98	\$ -	
Appeal	\$ 75,000.00	\$ 74,669.25	\$ 330.75	
2nd Appeal	\$ 15,000.00	\$ 14,561.00	\$ 439.00	
<b>Total</b>	<b>\$ 4,000,000.00</b>	<b>\$ 344,772.23</b>	<b>\$ 3,655,227.77</b>	

# 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

**FEMA DETERMINATION SECOND APPEAL - DENIED:** December 5, 2024

**APPEAL DUE FOR 1/24/2025 DM:** March 24, 2025

# Key Status Updates

- General Updates/Needs**

- LidarAmerica – Available on 2/26/25. Next availability is 3/17/25.
- Project 746580 – Shaft House Electronics
  - Submitted Mitigation Request – Approx. \$7K for an elevator sump pump, installation and a water alert system.
  - FEMA has deemed the cost reasonable and project is currently in environmental review
- CalOES – Requested updates to Account Activation Documents as of 12/6/24. Per the last meeting, District still needs a Sam.gov registration
  - Documents Needed:
    - Designation of Applicant’s Agents Resolution for Non-State Agencies
    - Federal Financial Accountability Transparency Act (FFATA) Financial Disclosure
    - Authorized Agent (AA) Form
    - Project Assurances for Federal Assistance (Cal OES 89)
    - Unique Entity ID from SAM.gov
    - Payee Data Record Form (STD 204)
- 1/16/2025 – FEMA PDMG notified CalOES/District they have forwarded the request to halt the DM for Project 732460 to leadership. Pending a decision.
  - Project currently with FEMA OCC in review.
- Appeal Determination Needed - FEMA issued a determination memo denying the following projects: Appeals due by March 24, 2025.
  - Project 727760 – Emergency Pumping
  - Project 727757 – Floating Debris Removal
  - Project 750212 – Face of Dam Repairs

- Current Projects Outstanding**

Project #	Category	Title	Type	Process Step	Activity Completion Deadline	# Damages	Best Available Cost
746580	D - Water Control Facilities	Shaft House Electronics	Standard	Pending EHP Review	10/03/2024	1	\$16,788.67
732460	D - Water Control Facilities	Reservoir Debris-Based Sediment Removal from the Twitchell Dam Reservoir	Standard	Pending DDD Completion	10/03/2024	1	\$68,213,969.11
729544	D - Water Control Facilities	Keyhole and Keyway Tunnel	Standard	Pending CRC Project Development	10/03/2024	2	\$0.00
746600	D - Water Control Facilities	Elevator	Work Completed / Fully Documented	Obligated	10/03/2024	1	\$8,752.63
747989	D - Water Control Facilities	Control Gates and Intake Structure	Standard	Pending Initial Project Development	10/03/2024	2	\$135,000.00



**HORNE**