



# **Twitchell Dam Project Update**

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

**August 15, 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.

<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
			<b>Total</b>	<b>\$ 26,510,404.66</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>
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
			<b>Total</b>	<b>\$ 4,042,837.25</b>
			<b>Total Costs Incurred</b>	<b>\$ 31,116,167.08</b>

<b>HORNE Invoice Detail - SMVWCD - Professional Services</b>	<b>As of 8/15/2024</b>		
<b>Invoice Scope</b>	<b>Contract Amount</b>	<b>Invoiced to Date</b>	<b>Contract Remaining</b>
Grant Assistance and Project Management (Direct Costs Included)*	\$ 3,910,000.00	\$ 168,471.00	\$ 3,741,529.00
Appeal	\$ 75,000.00	\$ 74,366.25	\$ 633.75
2nd Appeal	\$ 15,000.00	\$ -	\$ 15,000.00
<b>Total</b>	<b>\$ 4,000,000.00</b>	<b>\$ 242,837.25</b>	<b>\$ 3,757,162.75</b>

\*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



DR-4683



DR-4699

# Key Status Updates

- **General Updates/Needs**

- SMVWCD submitted 2<sup>nd</sup> appeal for emergency pumping efforts to CalOES July 29, 2024. CalOES has 60 days to forward the appeal and state recommendation to FEMA.
  - Additional information provided in the 2<sup>nd</sup> appeal included documentation substantiating the removal of sediment post 2017 flooding event.
- CalOES submitted a Request for Information (RFI) on August 6, 2024 requesting additional information for the 2<sup>nd</sup> appeal. RFI due on 8/21/2024.
  - Worked with the District to obtain additional contracts, invoices, and timesheets to support sediment removal activities from the stilling basin and keyhole.
  - Appeals team has drafted language for the response and is continuing to process documentation received to include in the package.
- Project 746600 – Elevator Repair – Project has entered the final recipient review stage (CalOES) on 8/10/2024.
- Project 729544 – Keyhole and Discharge Tunnel and Project 746580 are currently pending FEMA review for project eligibility.
- CalOES has assigned new Disaster Assistance PA Specialist for SMVWCD. The previous contact was Tony Ramirez and the new contact is Brian Cheshire.
  - On 8/14/2024, spoke to Brian and related the current status of all outstanding projects related to DR-4683 and DR-4699.



**HORNE**