

**NOTICE OF INTENT (NOI) FORM FOR REGIONAL GENERAL PERMIT (RGP) 63 FOR
REPAIR AND PROTECTION ACTIVITIES IN EMERGENCY SITUATIONS**

PROPERTY OWNER		
Name:	Phone Number:	
Mailing Address:		
City:	State:	ZIP Code:
Contact Person:	E-Mail:	
PROSPECTIVE ENROLLEE (If different from owner)		
Name:	Phone Number:	
Mailing Address:		
City:	State:	ZIP Code:
Contact Person: Scott Hastings	E-Mail: scott.hastings@mitigation.solutions	
PROJECT SITE LOCATION		
Project Name or Title:		
Street (include address, if any):		
Nearest Cross Street(s):		
County:	Total size of project site (acres):	
Latitude/Longitude (Center of Discharge Area) in degrees/minutes/seconds (DMS) to the nearest ½ second OR decimal degrees (DD) to four decimals (0.0001 degree)		
DMS: N. Latitude	Deg. _____	Min. _____ Sec. _____
W. Longitude	Deg. _____	Min. _____ Sec. _____
DD: N. Latitude	_____	
W. Longitude	_____	
Map Attached:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Photos Attached:	<input type="checkbox"/> Yes	<input type="checkbox"/> No
DISCHARGE INFORMATION		
Names of Receiving Water(s):		
Receiving Water Types:		
<input type="checkbox"/> Lake/Reservoir	<input type="checkbox"/> Riparian Area	
<input type="checkbox"/> Ocean/Estuary/Bay	<input type="checkbox"/> Vernal Pool	
<input checked="" type="checkbox"/> River/Streambed	<input type="checkbox"/> Wetland	
Emergency Project Description:		

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Proposed Solution to Emergency:
Erosion and Sediment Control Measures Proposed:
Description of how Emergency Definition is Satisfied: (i.e., unexpected; potential loss of life or property)
Which of these criteria does the project satisfy? (Check all that apply)
<input type="checkbox"/> Projects to maintain, repair, restore, demolish, or replace property or facilities damaged or destroyed as a result of a disaster in a disaster stricken area in which a state of emergency has been proclaimed by the Governor pursuant to the California Emergency Services Act, commencing with section 8550 of the Government Code.
<input type="checkbox"/> Emergency repairs to publicly or privately owned service facilities necessary to maintain service essential to the public health, safety, or welfare.
<input type="checkbox"/> Specific actions necessary to prevent or mitigate an emergency. This does not include long-term projects undertaken for the purpose of preventing or mitigating a situation that has a low probability of occurrence in the short-term.
<input type="checkbox"/> Projects undertaken, carried out, or approved by a public agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide, provided that the project is within the existing right of way of that highway and is initiated within one year of the damage occurring. This does not apply to highways designated as official State scenic highways, nor any project undertaken, carried out, or approved by a public agency to expand or widen a highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide.
<input type="checkbox"/> Seismic work on highways and bridges pursuant to section 180.2 of the Streets and Highways Code, section 180 et seq.

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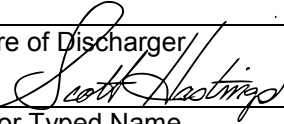
Fill and Excavation Discharges: For each aquatic resource type listed below indicate in acres, cubic yards, and linear feet the estimated discharge to waters of the state, and identify the impact(s) as permanent and/or temporary.

Aquatic Resource Type	Temporary Impact			Permanent Impact		
	<i>Acres</i>	<i>Cubic Yards</i>	<i>Linear Feet</i>	<i>Acres</i>	<i>Cubic Yards</i>	<i>Linear Feet</i>
Lake/Reservoir						
Ocean/Estuary/Bay						
Riparian Zone						
Stream Channel						
Vernal Pool						
Wetland						

CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of this Certification and Corps Regional General Permit No. 63 will be complied with."

Signature of Discharger/



Title

President

Printed or Typed Name

Scott Hastings

Date

February 27, 2023

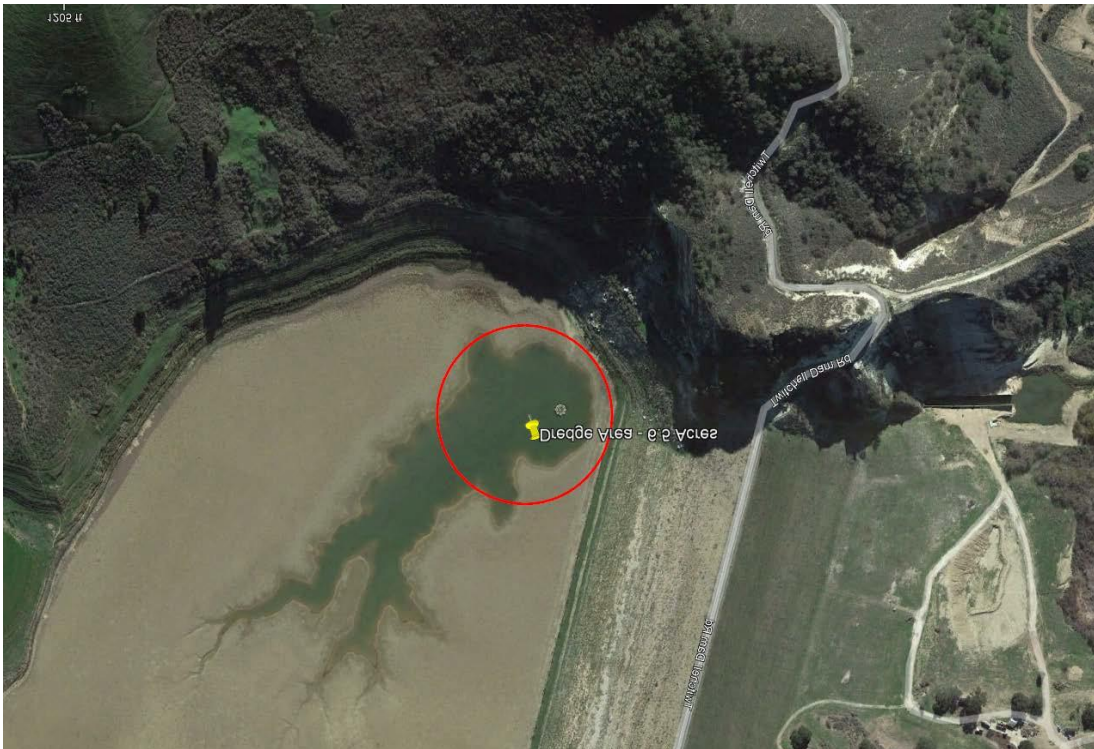
Twitchell Reservoir Work Plan

On January 17, 2023, the Operational Chairman of the Santa Maria Valley Water Conservation District (SMVWC) activated their pre-positioned contract with Mitigation Solutions, LLC (MSL), to develop a plan to relieve stress on Twitchell Dam that was caused by flooding which resulted in FEMA declaration DR- 4683.

These contractors, and their subcontractors are currently doing emergency protective measures including lowering the water level of the Twitchell Reservoir and developing a plan for the removal of sediments preventing the use of Dam Intake Valves and Discharge Gates and Chutes. The current activities are outlined below:

Mitigation Solutions:

- Is working with the SMVWCD to establish a land use agreement with the adjacent landowner (Suey Ranch) to use the property to develop a Temporary Debris Site(s).



- Barnett Southern Corporation (BSC), a sub contractor for Mitigation Solutions, is pre-positioned to address the emergency debris/sediment removal. This will include minimal vegetative debris that was generated by the flood and the removal of flood generated sediment around the gates to restore the discharge tunnel to its pre-disaster condition. The defined scope of work also includes sediment removal from the dam's lower basin via crane-supported clam shell in the area adjacent to the existing intake structure. The approximate excavation area is 6.5-acres, as shown as the red circle in the adjacent image. The approximate maximum sediment excavation depth is 50 feet (bottom of intake structure). The approximate slope at the bottom of the intake

structure will be 6:1. The estimated total quantity of sediment expected to be removed in this 6.5-acre area is between 174,000 and 250,000 cubic yards.

- Poseidon Barges have been equipped with roll-off containers to haul the storm generated sediments that will be removed from around the intake gate.
- Loaded containers will be floated to the offloading dock (see diagram at end) where an excavator will load the sediment from the dumpsters into off-road trucks.
- For purposes of payment and reporting, the off-road trucks will be weighed on scales which will be installed adjacent to the dock.
- After weighing, the truck will proceed to temporary staging areas #1 and #2 (see diagram) to offload and drain.
- Sediment will be managed in approximately ten-foot high rows allowing the remaining water to gravity drain from the sediment and flow back into the reservoir after being filtered through straw bales or another engineered BMP.
- Sediment will be staged on debris sites #1 and #2 and will be deposited to allow the material to dry for ultimate beneficial use by adjacent land- owners.
- BSC has also completed the following items:
 - The intake structure has been marked by divers with a buoy.
 - The divers quantified the amount of sediment that was generated by the flood that now sits on top of the reservoir intake valve.
 - The 811-dig request was completed and approved by all utility companies.
 - 1 x 18", 2 x 12" and 1 x 8" pumps along with 500' of HDPE pipe have been installed on the front side of the dam to maintain the water level.
 - 1 x 60x80 Poseidon barge has been assembled as a crane barge.
 - The crane barge has been outfitted with crane mats, (3) 2,500 anchors with buoys, and the clam shell.
 - 1 x 120x30 Poseidon barge has been assembled as a roll off barge.
 - (10) 20CY roll-off containers were installed and secured to the barge in preparation for operations.



- 1 x 60x130 Poseidon barge has been assembled to be used as a bulkhead.

- An earthen ramp made with Type 1 rip rap, surge rock, and 57 stone will serve to allow off road trucks and equipment access to the bulkhead (mooring point) to off-load the roll off boxes during operations.
- 1 x 120 x 30 Poseidon barge will serve as the second roll off barge for material transport and disposal.
- Existing (roadway) access will be used to allow trucks to traverse the property to the water.

DIAGRAM - Suey Ranch Offloading & Sediment Processing Areas



Control Measures	
Stabilized Yard/Parking	
Straw Bale Barrier (SBB)	
Area Traffic Access	
Dumpster	
Est. Limit of Dis. (LOD)	
Existing Drainage	
Flow Direction	
Run-on Control (TDC)	
Trailer Office	
Pollutants	
Harmed Equip. Clean/Maint.	
Doc's Material offloading	
Sanitary Facilities	
Access Road	
Generator	
Soil Sample	

This area is at the crossing of Highway 166 and the confluence of the Huasna River and Alamo Creek into Twitchell Reservoir. This Diagram is draft and subject to change based on conditions encountered in the field, total sediment removed, property access, and regulatory requirements.

