

**RECLAMATION DISTRICT NO. 1601  
TWITCHELL ISLAND  
BOARD OF TRUSTEES MEETING  
TUESDAY, JANUARY 20, 2026  
9:00 AM  
ENGINEER'S REPORT**

**I. PROJECT FUNDING AGREEMENT TW – 24 - 1.0 - SP PHASE II OF DISTRICT MULTI-BENEFIT PROJECT**

- A. KSN Inc. in the process of working on project submittals with Dutra Construction
- B. KSN Inc. is working with PG&E to secure relocated easements for their power lines. Existing easement documentation is dated in 1929. RD 1601 will need the cooperation of DWR Real Estate Division to finalize the new easements to allow the relocation of the PG&E pole lines.
- C. DSC Consistency Determination is under public review. The review is up on Friday, January 16<sup>th</sup>. As for now there have been no official appeals filed.
- D. Construction is still anticipated to start in May 2026.

**II. DISTRICT PUMP STATION SOLAR ARRAY**

- A. PGE Interconnection
  - a) Transformer & Switch Gear Location: – **PG&E has engaged in this conversation**

**III. DELTA LEVEE SUBVENTION PROGRAM**

- A. Review Beaver den repairs at Levee Station 315+00 in Owl Harbor on 12/31/25. RD 1601 staff in cooperation with ASTA construction mobilized equipment and material to excavate investigate and repair the located beaver den at Levee Station 315+00. Levee Seal material was imported to fill the void and rock slope protection was transported from the District riprap stockpile to place on the levee slope upon the completion of the waterside slope repair.

***EXHIBIT A: KSN Inc. Daily Field Report***

***EXHIBIT B: KSN Inc. Daily Field Report phot summary***

- B. Review Beaver den repairs at Levee Station 335+00 in Owl Harbor 1/12/26. RD 1601 staff in cooperation with ASTA construction mobilized equipment and material to excavate investigate and repair the located beaver den at Levee Station 335+00. Levee Seal material was imported to fill the void and rock slope protection was transported from the District riprap stockpile to place on the levee slope upon the completion of the waterside slope repair.

***EXHIBIT C: KSN Inc. Daily Field Report***

***EXHIBIT D: KSN Inc. Daily Field Report photo summary.***

# EXHIBIT A

## FIELD REPORT

OWNER:	Reclamation District 1601	PROJECT:	Levee Erosion
CONTRACTOR:	Asta Construction	CONTRACT NO.:	Click here to enter text.
KSN JOB NO.:	1110-9000-03-001	DATE:	12-31-2025

### Weather / Temperature:

Cloudy chance of rain, 60 degrees, winds NE @ 10 MPH

### Location:

Station #315+00

### Personnel on site:

Ricky Carter Jr., Salvador Ramos (RD1601), Rick Carter Sr. (KSN) and Asta Construction

### Contractor work hours:

0830 HRS to 1400 HRS = 5.5 Hours

### The following was noted:

At 0830 HRS Ricky Carter Jr received a call from Javier (Owl Harbor) that there was a hole in the levee slope on the waterside mid-section and a depression with cracks at location 315+00 (F Dock). After Jr. contacted me I called Mr. Erik Almaas (KSN). Erik directed me to have Jr. contact Asta Construction to mobilize to station 315+00. It was also stated that the need for Levee Seal Material was prevalent and it was necessary to deliver that material also. To minimize the cost for the repair, the use of the 18"-20" minus on-island riprap stockpiled at station #357+00 was to be utilized for the repair. Asta arrived at 1200 HRS and proceeded to make the repair as directed using a 314 Cat Excavator with a 3' bucket and a sheepsfoot roller for compaction. The area was 25' in length X 10' in width and only 3' in depth. The soil was firm below the 3' so no holes were detected below that point. After the initial dig-out, the levee seal material was placed and rolled with the sheepsfoot roller for compaction. After the levee material was placed, the Asta dump truck drove to 357+00 stationing and Salvador loaded the dump truck with the District excavator and then placed and tamped with the Asta excavator at station 315+00. The road was then cleaned using water from Owl Harbor, shovels and brooms. Job was completed at 1400 HRS.

Prepared By: *Rick Carter*

Additional Copies to: Chris Neudeck, Erik Almaas, Joeseeph Prescott

# EXHIBIT B























































# **EXHIBIT C**



## FIELD REPORT

OWNER:	Reclamation District 1601	PROJECT:	Levee Erosion
CONTRACTOR:	RD 1601/Asta Const.	CONTRACT NO.:	Click here to enter text.
KSN JOB NO.:	1110-9000-03-002	DATE:	01-12-2026

### Weather / Temperature:

35 degrees Low / High 56 degrees / Foggy w/ no wind

### Location:

Station 335+00

### Personnel on site:

(RD 1601) Ricky Carter Jr., Salvador Ramos (Asta Const) Gary Velasquez and Garrett (KSN) Rick Carter Sr.

### Contractor work hours:

0700 HRS to 1400 HRS = 7 Hours

### The following was noted:

Asta Const. arrived at 0700 HRS and commenced grubbing the vegetation at stn#335+00 and exposed a beaver den / rat den that extended from the water side water's edge to the edge of the patrol road. While excavating the den, (3) rats emerged. One rat was euthanized and 2 rats escaped. Picture is attached to the file. Asta Const. continued excavating and chasing the den. Two Asta trucks were hauling levee seal material from the Asta Pit for a total of (4) loads delivered and placed. The material was compacted in 2' intervals with a sheep's foot compactor attached to the excavator stick. The riprap that was used was from the Twitchell Island stockpile located at 0+00 or Chevron Point utilizing the two trucks that delivered the Levee Seal material. The trucks delivered (3) loads total and the riprap was 22" Minus. After placement, the riprap was tamped with the 4' bucket and tightened the riprap on the slope. Equipment used: Cat 314 excavator, (1) Peterbilt transfer and (1) Peterbilt end dump (Asta) (1) Cat 317 excavator for loading riprap District 1601.

Prepared By: *Rick Carter*

Additional Copies to: Chris Neudeck, Erik Almass, Joseph Prescott



# **EXHIBIT D**

















< **Alignment**























































