RECLAMATION DISTRICT NO. 1601
TWITCHELL ISLAND
BOARD OF TRUSTEES MEETING
TUESDAY, AUGUST 18, 2026
9:00 AM
ENGINEER'S REPORT

I. TW-24-1.0 - SJ RIVER SETBACK LEVEE, REACH 6 PHASE 1

A. Placement of the first lift of fill material occurred from 6/1/2026 - 6/29/2026.

a) Approximately half of the designated Type 2 fill was replaced with Type 1 fill due to constructability with wet and unstable native soils. Cost impact is estimated to be approximately $122k.

B. Placement of the second lift of fill material commenced on 7/6/2026, completion likely 8/14/2026.

a) There is a substantial buildup of water at the new berm toe that has been "squeezed out" as a result of the first lift of fill placement. We're expecting to need to push out additional Type 1 fill beyond the new berm toe to create a somewhat stable subgrade to accommodate the construction of the new toe road and ditch. Cost impact is estimated to be approximately $357k.

C. Placement of new district toe road limits to be reduced in Phase 1.

a) Due to soft and unstable soil conditions encountered along portions of the new berm, construction of the toe road will be deferred in these areas until next year. Allowing the underlying soils additional time to settle and stabilize will provide more suitable conditions for completing the toe road during the Phase 2 construction season. Cost impact expected to be approximately -$100k.

D. DWR Siphon Pipeline Repair and Relocation

a) An existing DWR PVC siphon pipeline beneath the toe stabilization area was damaged due to differential settlement of the underlying peat soils. Approximately 1,000 feet of the damaged pipeline will be abandoned in place and replaced with new HDPE pipe installed above ground to maintain DWR operations. The HDPE pipe will remain in service above ground until Phase 2 or Phase 3, when it will be placed below ground in its permanent location. Cost impact is estimated to be approximately $75k - $125k.

E. Phase 1 project completion is still expected in September 2026.

a) Original contract: $5,595,434
b) Estimated final contract: $6.0M

F. Dutra progress payment estimate status:

a) May 2026: $408,710 gross ($388,275 net)
b) June 2026: $2,108,941 gross ($2,003,494 net)
c) July 2026: $1,642,153.75 gross ($1,560,046.06 net)

G. Continual monitoring and surveying of levee crown crack at Station 501+50 indicates minimal horizontal and vertical movement.

H. DWR Real Estate Division is coordinating with PG&E regarding the power pole relocation easement.

EXHIBIT A: Progress Payment No. 3 excerpt.

EXHIBIT B: Construction Photos excerpted from KSN Inc's Daily Field Reports.

II. TW-21-1.2 - TWERP

A. The 3-year maintenance period for irrigation and planting is underway and will end on January 31, 2029.

III. DISTRICT PUMP STATION SOLAR ARRAY

A. PG&E interconnection went live Friday June 26, 2026

EXHIBIT A

Progress Pay Estimate
No. 3

KJELDSEN SINNOCK NEUDECK inc.
CIVIL ENGINEERS & LAND SURVEYORS

PROJECT:	1110-1071-10 San Joaquin River Setback Levee Reach 6 - Phase 1	DATE:	8/11/2026
CONTRACTOR:	The Dutra Group	CONTRACT ID:	1601-12-18-25-03

CONTRACT TIME:

Original Time	154 days
Notice to Proceed Date	4/30/2026
Original Completion Date	10/1/2026
Approved Time Extensions	0 days
Revised Completion Date	10/1/2026
Work Completed Through	7/31/2026
Elapsed Time	92 days
Percent Time Elapsed	59.7%

CONTRACT COST:

Original Contract Price	$5,595,434.00
Approved Change Orders	$0.00
Percent Change Orders	0.0%
Revised Contract Price	$5,595,434.00
Amount Complete to Date	$4,159,805.03
Percent Complete	74.3%

CURRENT PAYMENT SUMMARY:

DESCRIPTION	TOTAL EARNINGS	*LESS 5% RETENTION*	*LESS DEDUCTIONS*	NET EARNINGS
To Date	$4,159,805.03	($207,990.25)	$0.00	$3,951,814.78
Previous	$2,517,651.28	($125,882.56)	$0.00	$2,391,768.72
Current	$1,642,153.75	($82,107.69)	$0.00	$1,560,046.06
			Net Payment Due This Invoice:	**$1,560,046.06**

OVERALL PAYMENT SUMMARY:

NO.	WORK COMPLETED THROUGH	TOTAL EARNINGS	*LESS 5% RETENTION*	*LESS DEDUCTIONS*	NET EARNINGS
1	5/31/2026	$408,710.15	($20,435.51)	$0.00	$388,274.64
2	6/30/2026	$2,108,941.13	($105,447.06)	$0.00	$2,003,494.07
3	7/31/2026	$1,642,153.75	($82,107.69)	$0.00	$1,560,046.06
	TOTALS:	**$4,159,805.03**	**($207,990.25)**	**$0.00**	**$3,951,814.78**

NOTES:

SUPPORTING DOCUMENTATION
- The Dutra Group Invoice No. 2122522-003 dated 8/4/26.

RECOMMENDED FOR PAYMENT
KSN, Inc. Daniel Vitoria

BY:
Daniel Vitoria, PE
Resident Engineer

Progress Pay Estimate
No. 3

KJELDSEN SINNOCK NEUDECK inc. CIVIL ENGINEERS & LAND SURVEYORS

PROJECT: 1110-1071-10
San Joaquin River Setback Levee
Reach 6 - Phase 1

DATE: 7/14/2026

CONTRACTOR: The Dutra Group

CONTRACT ID: 1601-12-18-25-03

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT			TOTAL ESTIMATE TO DATE			PREVIOUS ESTIMATE			CURRENT ESTIMATE		
			QTY	UNIT PRICE	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT	QTY	%	AMOUNT
ORIGINAL CONTRACT					$5,595,434.00		74.34%	$4,159,805.03		44.99%	$2,517,651.28		29.35%	$1,642,153.75
SCHEDULE 1: BASE BID					**$1,940,114.00**		**45.92%**	**$890,982.83**		**40.87%**	**$793,010.88**		**5.05%**	**$97,971.95**
1	Mobilization	LS	1	$44,000.00	$44,000.00		100.00%	$44,000.00		75.00%	$33,000.00		25.00%	$11,000.00
2	SWPPP	LS	1	$246,903.00	$246,903.00		60.00%	$148,141.80		50.00%	$123,451.50		10.00%	$24,690.30
3	Demolition	LS	1	$7,490.00	$7,490.00		100.00%	$7,490.00					100.00%	$7,490.00
4	Clearing and Grubbing	LS	1	$100,000.00	$100,000.00		100.00%	$100,000.00		100.00%	$100,000.00			
5	Toe Road Preparation	SY	5,800	$5.45	$31,610.00									
6	Geogrid	SY	5,800	$6.95	$40,310.00									
7	Aggregate Base at Toe Road	TN	1,900	$42.50	$80,750.00									
8	Toe Ditch	LF	1,200	$8.30	$9,960.00	200	16.67%	$1,660.00				200.00	16.67%	$1,660.00
9	Temporary Irrigation Facilities	LS	1	$114,000.00	$114,000.00		100.00%	$114,000.00		100.00%	$114,000.00			
10	Berm Embankment Fill	CY	43,800	$17.10	$748,980.00	8,139.80	18.58%	$139,190.58	8,139.80	18.58%	$139,190.58			
11	Settlement Plates and Instrumentation	LS	1	$354,211.00	$354,211.00		95.00%	$336,500.45		80.00%	$283,368.80		15.00%	$53,131.65
12	District Access Road Regrading	SY	39,500	$0.20	$7,900.00									
13	Aggregate Base at District Access Road	TN	4,400	$35.00	$154,000.00									
SCHEDULE 2: MARINE-BASED LEVEE FILL DELIVERY					**$3,655,320.00**		**89.43%**	**$3,268,822.20**		**47.18%**	**$1,724,640.40**		**42.24%**	**$1,544,181.80**
1	Levee Embankment Fill	TN	220,200	$16.60	$3,655,320.00	196,917.00	89.43%	$3,268,822.20	103,894.00	47.18%	$1,724,640.40	93,023.00	42.24%	$1,544,181.80
CHANGE ORDERS					$0.00		0.00%	$0.00		0.00%	$0.00		0.00%	$0.00
TOTALS:					$5,595,434.00		74.34%	$4,159,805.03		44.99%	$2,517,651.28		29.35%	$1,642,153.75

522-003 dated 8/4/26.

THE DUTRA GROUP
PROGRESS PAYMENT No. 003

Submitted To:
KSN Inc. Civil Engineers & Land Surveyors

Attention:
Erik Almaas
KSN Inc. Civil Engineers & Land Surveyors
711 N. Pershing Avenue
Stockton, CA 95203
(916) 403-5900

Client Contract: 1601-12-18-25-03
Project Name: San Joaquin River Setback Levee, Reach 6 - Ph 1
Work Location: Twitchell Island, CA

Invoice No: 2122522-003
Bill Date: 08/04/26
Terms: NET 30 DAYS
Dutra Project No.: 2122522
Dutra Customer No.:

For Period Beginning: 7/1/2026
For Period Ending: 7/31/2026

Bid Item	Description of Work	Contract Quantity	Unit Price	UOM	Contract Amount	This Period Qty	This Period Total $	Previous Period Qty	Previous Period Total $	Total To Date Qty	Total To Date Total $
	BASE BID										
1	MOBILIZATION	1.00	$ 44,000.00	LS	$ 44,000.00	0.25	$ 11,000.00	0.75	$ 33,000.00	1.00	$ 44,000.00
2	SWPPP	1.00	$ 246,903.00	LS	$ 246,903.00	0.10	$ 24,690.30	0.50	$ 123,451.50	0.60	$ 148,141.80
3	DEMOLITION	1.00	$ 7,490.00	LS	$ 7,490.00	1.00	$ 7,490.00	0.00	$ -	1.00	$ 7,490.00
4	CLEARING & GRUBBING	1.00	$ 100,000.00	LS	$ 100,000.00		$ -	1.00	$ 100,000.00	1.00	$ 100,000.00
5	TOE ROAD PREPARATION	5,800.00	$ 5.45	SY	$ 31,610.00		$ -	0.00	$ -	0.00	$ -
6	GEOGRID	5,800.00	$ 6.95	SY	$ 40,310.00		$ -	0.00	$ -	0.00	$ -
7	AGGREGATE BASE @ TOE ROAD	1,900.00	$ 42.50	TN	$ 80,750.00		$ -	0.00	$ -	0.00	$ -
8	TOE DITCH	1,200.00	$ 8.30	LF	$ 9,960.00	200.00	$ 1,660.00	0.00	$ -	200.00	$ 1,660.00
9	TEMP IRRIGATION FACILITIES	1.00	$ 114,000.00	LS	$ 114,000.00		$ -	1.00	$ 114,000.00	1.00	$ 114,000.00
10	BERM ENBANKMENT FILL	43,800.00	$ 17.10	CY	$ 748,980.00		$ -	8139.80	$ 139,190.58	8,139.80	$ 139,190.58
11	SETTLEMENT PLATES & INSTRUMMENTATION	1.00	$ 354,211.00	LS	$ 354,211.00	0.15	$ 53,131.65	0.80	$ 283,368.80	0.95	$ 336,500.45
12	DISTRICT ACESS ROAD REGRADING	39,500.00	$ 0.20	SY	$ 7,900.00		$ -	0.00	$ -	0.00	$ -
13	AGGREGATE BASE @ DISTRICT ACCESS RD	4,400.00	$ 35.00	TN	$ 154,000.00		$ -	0.00	$ -	0.00	$ -
	BID ALRERNATE No. 2										
1	LEVEE ENBANKMENT FILL	220,200.00	$ 16.60	TN	$ 3,655,320.00	93023.00	$ 1,544,181.80	103894.00	$ 1,724,640.40	196,917.00	$ 3,268,822.20
				Total Gross Earnings:	$5,595,434.00		$1,642,153.75		$2,517,651.28		$4,159,805.03
				Retention 5%:			$82,107.69		$125,882.56		$207,990.25
										Previous Payments:	$2,391,768.72
										Net Due:	**$1,560,046.06**

Gonzalo Melendez
Signature

Gonzalo Melendez, Project Manager
Name, Title

8/4/2026
Date

FOR USE BY BILLING OFFICE ONLY
DATE RECEIVED:
EVALUATION DATE:
CONSTRUCTIVE APPROVAL & ACCEPTANCE:

REMARKS:

EXHIBIT B


SUPERIOR