

AMISTAD RANCHES
P.O. BOX C
COURTLAND, CA. 95615

DATE: SUNDAY, MARCH 15, 2015

TO: JACOB MCQUIRK

FROM: AMISTAD RANCHES

RE: SUTTER AND STEAMBOAT BARRIERS

WE HAVE CONTRACTED A TOMATO CROP ON SUTTER ISLAND WITH CAMPBELL SOUP.

IT IS IMPERATIVE THAT PUMP ONE (SUTTER SLOUGH) AND PUMP THREE (STEAMBOAT SLOUGH) BE MODIFIED AS PER THE ATTACHED ESTIMATES PRIOR TO THE PLACEMENT OF THE TEMPORARY BARRIERS.

THANK YOU FOR TAKING THE TIME TO REVIEW AND UNDERSTAND HOW IMPORTANT THIS MATTER IS TO OUR FAMILY FARM.

OSTMAN/ROBERTSON PUMP # 1

Parcel 142-010-33

3/24/2014

Re: DWR Steamboat and Sutter slough Dams

Mr. Topper Van Loben Sels,

You asked us to provide a solution and pricing to guarantee a good water supply to the field crops at the Northwest end of Sutter island. You had told me that during the 1976-77 drought years you could ~~only~~^{NOT} irrigate on low tide levels. I measured your pipe on March 20th at low tide and found it to be about 18' 6". If the dams go in and river flows are low your pump will not work.

We offer an interim pump installation on the river side approximately 6' lower. We will have to scrape the gravel roadway to get an electrical conduit installed about 8" deep through the crown of the levee.

We will provide a pump capable of 1200-1500 gpm, all 10" steel pipe, all electrical equipment, labor and taxes for \$15,380.00.

Since this is only one site and many more may be affected your response is requested as soon as possible as there is such a small window to help everyone. Thank you very much.

Sincerely,

Stan Eddy

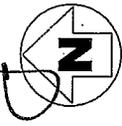
SAC. Co.

Pump #1

PARCEL 142-110-33

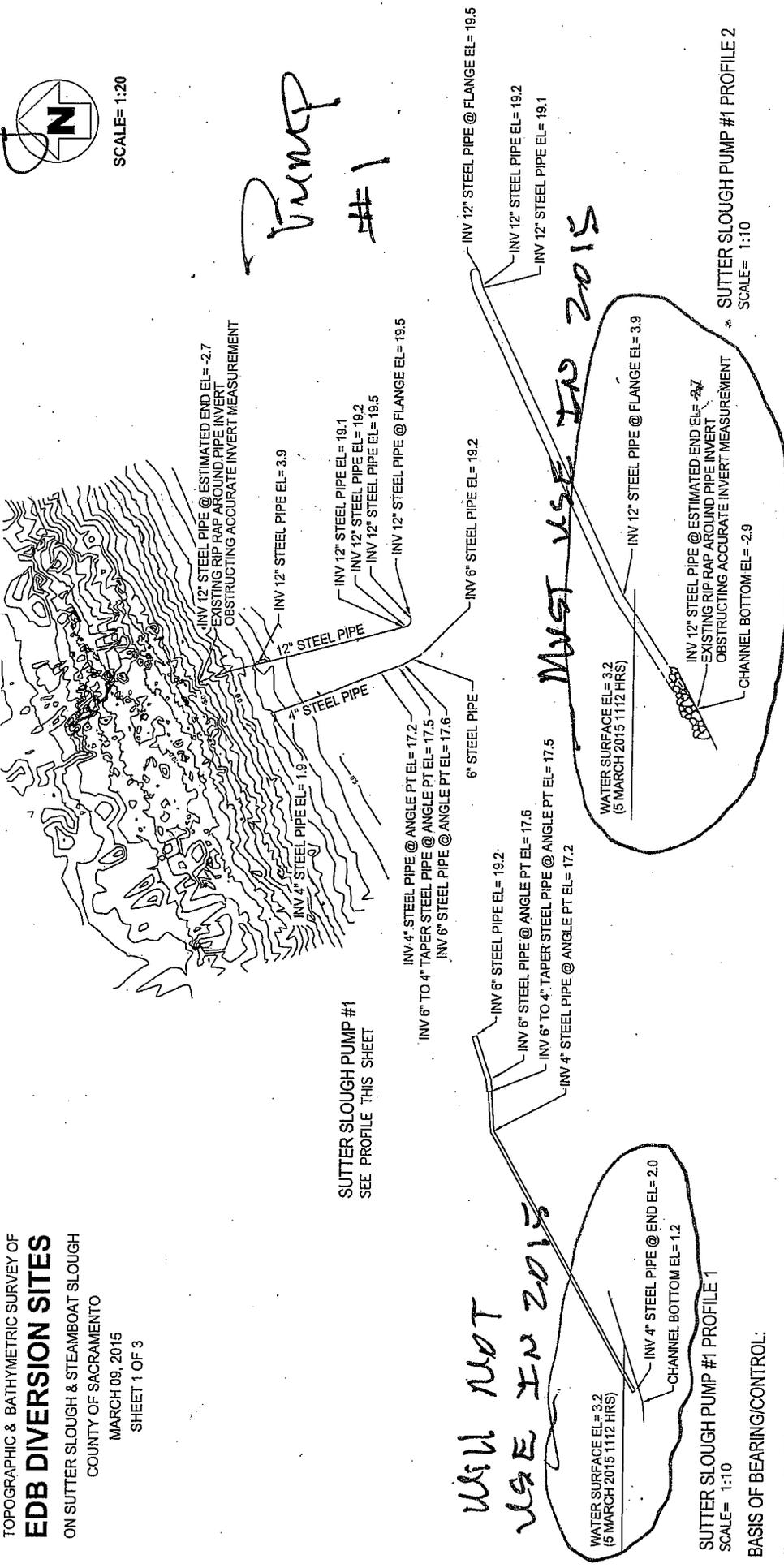
SUTTER Slough

TOPOGRAPHIC & BATHYMETRIC SURVEY OF
EDB DIVERSION SITES
ON SUTTER SLOUGH & STEAMBOAT SLOUGH
COUNTY OF SACRAMENTO
MARCH 09, 2015
SHEET 1 OF 3



SCALE= 1:20

Pump #1



Will NOT USE IN 2015

MUST USE IN 2015

SUTTER SLOUGH PUMP #1 PROFILE 1
SCALE= 1:10

BASIS OF BEARING/CONTROL:

THE CONTROL FOR THIS SURVEY WAS BASED UPON THE CALIFORNIA COORDINATE SYSTEM, ZONE 2, NAD 83/NAVD 88. FINAL VALUES FOR THESE POSITIONS WERE DERIVED FROM A NATIONAL GEODETIC SURVEY (NGS) OPUS SOLUTION USING GEOD12A AND EPOCH 2010.

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
100	1872850.030	6683760.356	27.40'	SET GIN SPIKE W/ DWR WASHER
101	1840003.742	6674758.075	13.12'	SET GIN SPIKE W/ DWR WASHER
102	1878246.425	6682478.908	26.79'	FOUND MAG NAIL IN CORNER OF CONC. ELEC. VAULT

NOTES:

THIS SURVEY WAS PERFORMED AT THE REQUEST OF BILL MCLAUGHLIN OF THE BAY DELTA OFFICE, S.R. 15-05, BY FIELD SURVEYS ON MARCH 4TH & 5TH, 2015.

SUTTER SLOUGH PUMP #1 PROFILE 2
SCALE= 1:10

2/21/2015

Re: Material pricing for pump modifications at Nelson Ranch

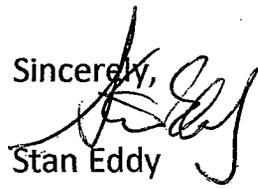
Mr. Topper Van Loben Sels,

Pump would be lowered so that it sat in deeper water. 5' should do the trick. There is 7' of clearance below the pump right now. Here are some possible materials needed. The pump bowl would remain the same but we would have to make some due to the added horsepower and higher lift.

changes

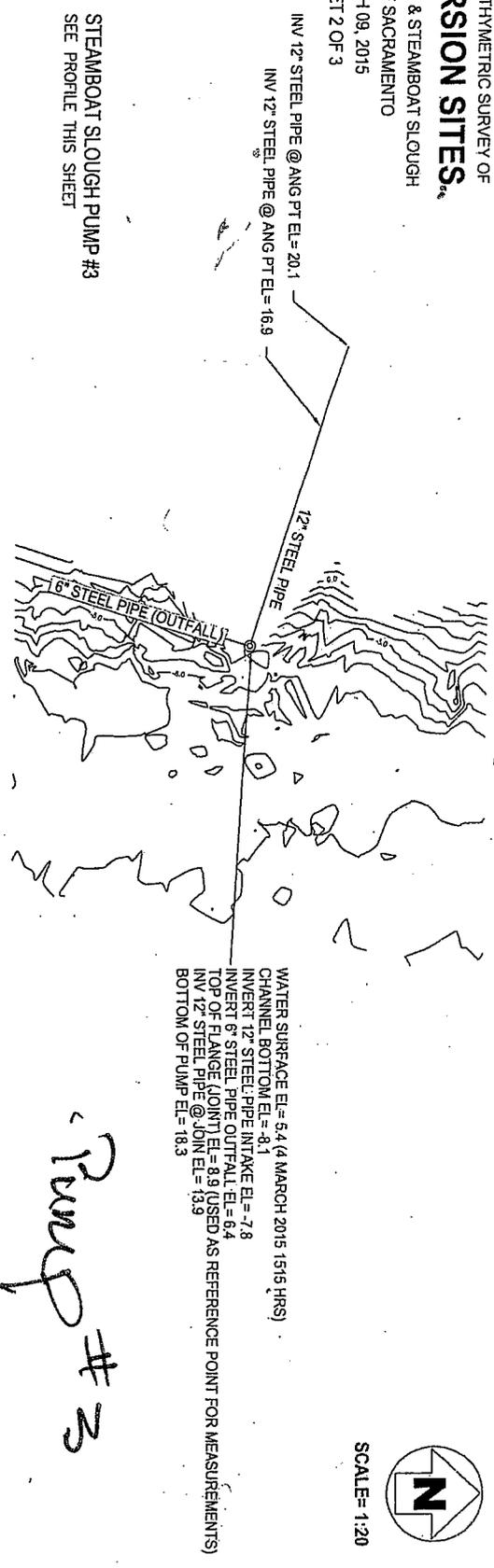
5' 12" column, shaft and tube line	\$3,000.00
20hp motor	\$2,600.00
20hp pumping plant panel	\$1,050.00
Subtotal	\$6,650.00
Sacramento Ag exempt tax	\$166.25
Crane charge(land crane)	\$1,500.00
Eddy electric labor(2 days)	\$2,000.00
Estimate total	\$10,316.25

Sincerely,


Stan Eddy

ARC. Co. STEAMBOAT PUMP # 3
 PARCEL 142-PP20-056 SLOUGH
 NEELSON 2

TOPOGRAPHIC & BATHYMETRIC SURVEY OF
EDB DIVERSION SITES
 ON SLITTER SLOUGH & STEAMBOAT SLOUGH
 COUNTY OF SACRAMENTO
 MARCH 09, 2015
 SHEET 2 OF 3



STEAMBOAT SLOUGH PUMP #3
 SEE PROFILE THIS SHEET

Measure AGAIN
Much higher wrong

STEAMBOAT SLOUGH PUMP #3 PROFILE
 SCALE= 1:10

BASIS OF BEARING/CONTROL:

THE CONTROL FOR THIS SURVEY WAS BASED UPON THE CALIFORNIA COORDINATE SYSTEM, ZONE 2, NAD 83/NAVD 88. FINAL VALUES FOR THESE POSITIONS WERE DERIVED FROM A NATIONAL GEODETIC SURVEY (NGS) OPUS SOLUTION USING GEOD12A AND EPOCH 2010.

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