



Partnership

A Tale of Two Sewers

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County Engineer



CAVEAT

Partnership



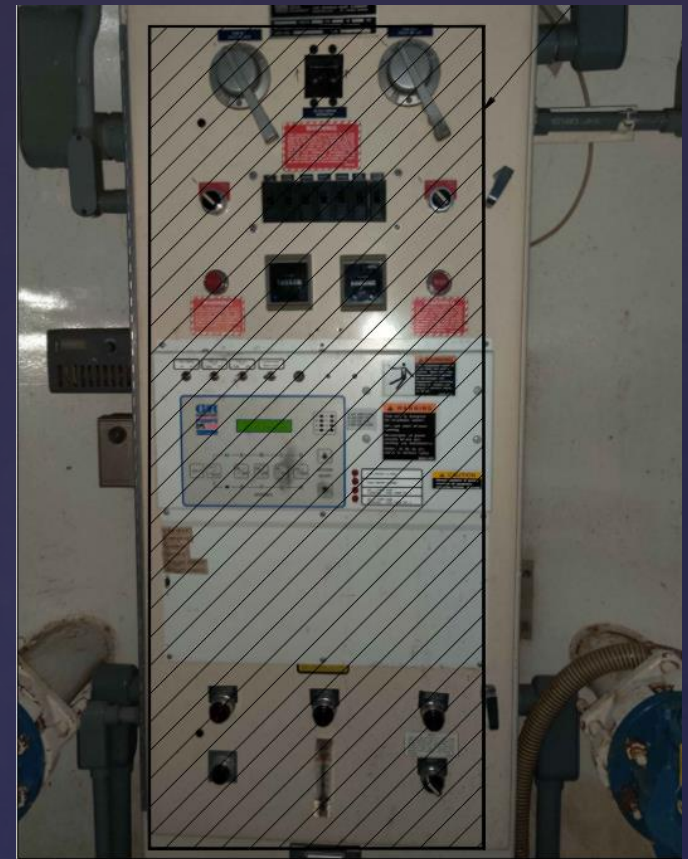
Sewer Flow Diagram



COUNTY of
DEL NORTE
★ CALIFORNIA ★



PROBLEM



21 Sewer Lift Stations

Weak Monitoring

40+ Year Old Equipment





Elk Creek



Pacific Ocean

NCRP =



2015 IRWM
Prop. 84
(Block Grant)

Integrated
Regional
Water
Management

Partnership



ELK VALLEY
Rancheria
CALIFORNIA



CRESCENT CITY HARBOR DISTRICT





\$800K+

Local Match \$200k





PARTNERSHIP

ELK VALLEY Rancheria CALIFORNIA

DEL NORTE COUNTY CSA NO. 1 AND CRESCENT CITY LIFT STATION REHABILITATION PROJECT

SUMMARY OF PROJECT COST

2021-02-15.

SCOPE	PROPOSITION 84 FUNDING		OTHER FUNDING		
	CITY	CSA	CITY	CSA	USEPA/IHS/EVR
IHS-EVR PROJECT	\$ -	\$ -	\$ -	\$ 15,909.67	\$ 589,650.00
PHASE I (NO WC)	\$ -	\$ -	\$ 32,235.65	\$ 32,235.65	\$ -
PHASE I WC	\$ 375,255.31	\$ 85,833.10	\$ -	\$ -	\$ -
CITY PHASE I WC	\$ -	\$ -	\$ 23,117.47	\$ -	\$ -
PHASE II (NO TSI)	\$ -	\$ -	\$ 21,256.16	\$ 61,570.84	\$ -
PHASE II TSI	\$ 32,342.19	\$ 321,764.40	\$ 70,658.22	\$ 3,316.11	\$ -
CITY PHASE II TSI	\$ -	\$ -	\$ 20,510.00	\$ -	\$ -
SUBTOTAL:	\$	\$ 815,195.00	\$ 167,777.50	\$ 113,032.27	\$ 589,650.00
TOTAL:	\$				\$ 1,685,654.77

OTHER FUNDING

CITY	CSA	USEPA/IHS/EVR
-	\$ 15,909.67	\$ 589,650.00
32,235.65	\$ 32,235.65	\$ -
-	\$ -	\$ -
23,117.47	\$ -	\$ -
21,256.16	\$ 61,570.84	\$ -
70,658.22	\$ 3,316.11	\$ -
20,510.00	\$ -	\$ -
167,777.50	\$ 113,032.27	\$ 589,650.00
		1,685,654.77

Lift Stations



5 Pump Upgrades
19 Electrical Panels
(Standardize)

Pebble Beach (Northcrest Lift Station 5)

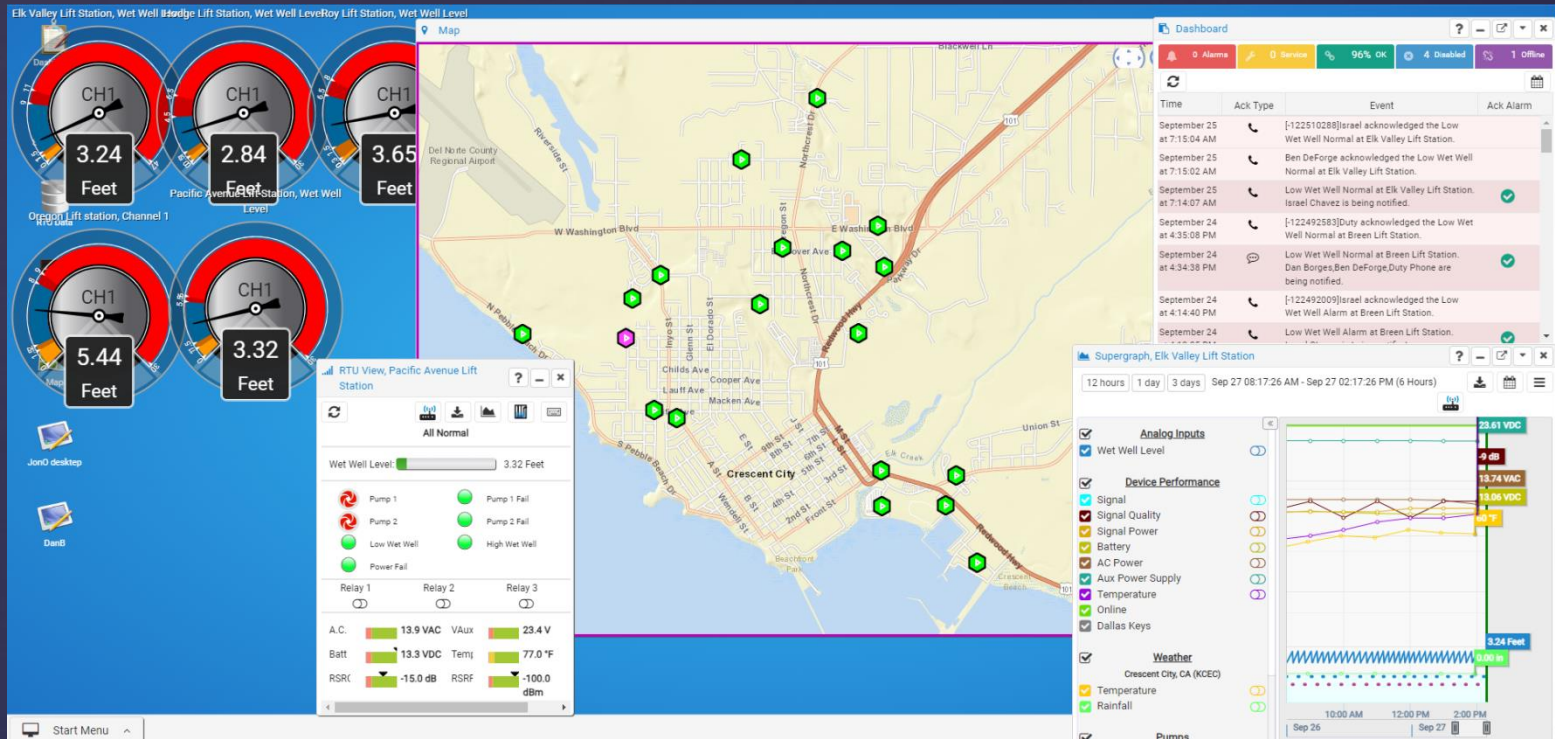
Pre Rehabilitation



Post Rehabilitation



21 x SCADA



MISSION

Real Time Monitoring and Alarms

Patience:

Grant Application	- August 2015
Agreement w/ Water Board	- September 2016
Agreement w/ Humboldt	- November 2016
Design work 1-year	
Construction Contract Pumps	- March 2018
Electrical Contract/Design	- January 2020
Completion	- October 2020

5- Years

Done







=





Elk Creek



Pacific Ocean

NCRP =



2018/19 IRWM
Prop. 1
(Block Grant)



DESIGN & CONSTRUCTION
\$800k Prop. 1 + \$400k ARPA

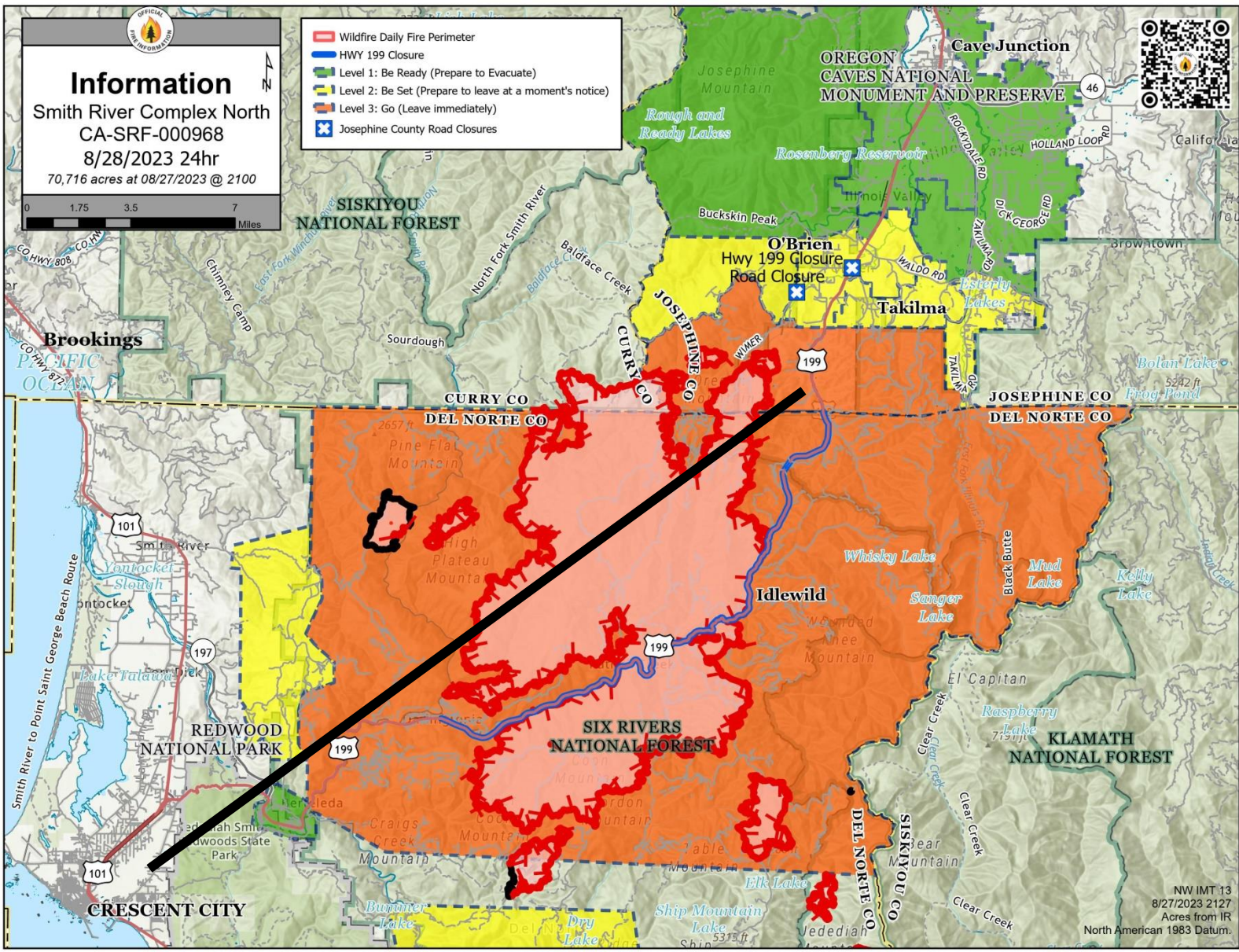


Information

Smith River Complex North
CA-SRF-000968
8/28/2023 24hr
70,716 acres at 08/27/2023 @ 2100



- Wildfire Daily Fire Perimeter
- HWY 199 Closure
- Level 1: Be Ready (Prepare to Evacuate)
- Level 2: Be Set (Prepare to leave at a moment's notice)
- Level 3: Go (Leave immediately)
- Josephine County Road Closures



NW IMT 13
8/27/2023 2127
Acres from IR
North American 1983 Datum.

Today:

Partial Design/Started Construction

Tomorrow:

Finish All Designs



ONGOING PARTNERSHIP



ELK VALLEY
Rancheria
CALIFORNIA

\$334,000

IHS

I&I

FINISHED?

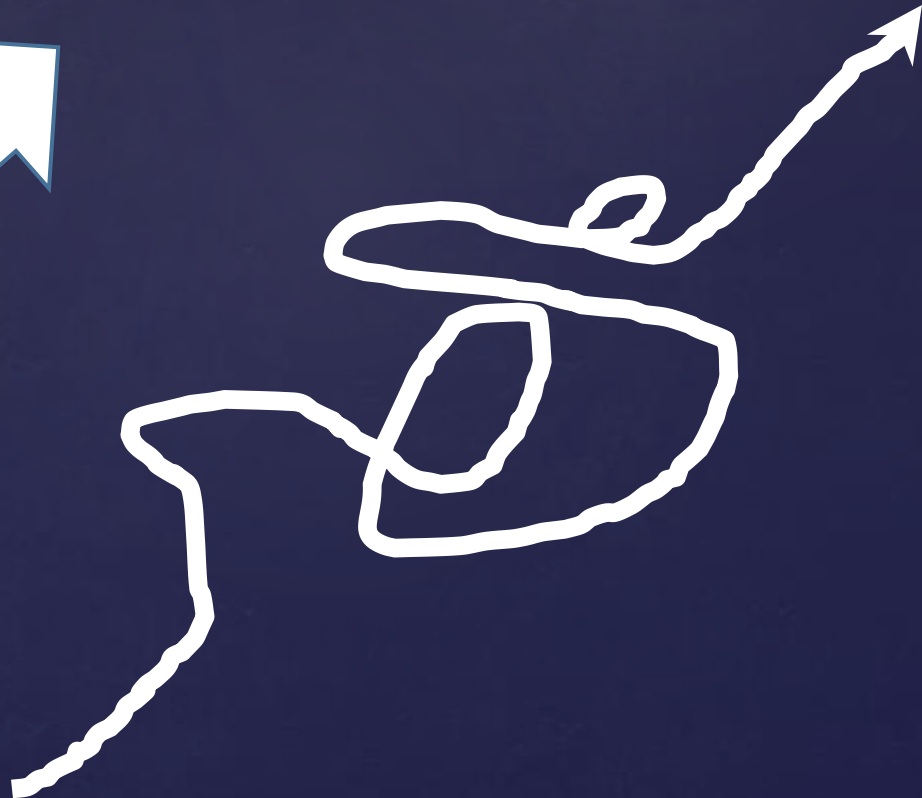


SUCCESSING

WHAT WE WANT IT TO LOOK LIKE.



REALITY!



Lessons Learned



Look for opportunities everywhere

Take advantage of your failures.

Power Outage =
Competitive for HMGP
(CalOES/FEMA)
\$5million Application

Waterboard TA soon.

OBLIGATORY SLIDE

Funding for this project has been provided in full or in part from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and through an agreement with the State Department of Water Resources.



INVEST IN PARTNERSHIPS

