

COLORADO RIVER CITIZENS FORUM

OF THE

US SECTION OF THE INTERNATIONAL BOUNDARY AND WATER COMMISSION

NEW RIVER IMPROVEMENT PROJECT

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PRESENTATION OVERVIEW

- BORDER POLLUTION PROBLEMS
- NEW RIVER IMPROVEMENT PROJECT
- CRWQCB (R7) BORDER ACTIVITIES REPORT
- SUMMARY



EMERGING PROBLEMS IN MEXICALI

EMERGING PROBLEMS

Key Sewage Infrastructure	Quantity
Major Pumping Plants	12
Lift Stations	27
Sewage collectors	1,875 mi
Wastewater Treatment Plants	2
Sewer Vacuum Trucks	2

EMERGING PROBLEMS (CONT.)

- 2013

- Pumping Plant problems
- Sewage collectors
- Operation and maintenance equipment
 - Threatened discharges of raw sewage into New River



- 2014

- 3 discharges of raw sewage into New River
- Brought problems to IBWC's and USEPA's attention



EMERGING PROBLEMS (CONT.)

- 2015

- Policy meeting with USEPA, US IBWC, IID, County, State
 - Feds funded study to better characterize problems
- 3 discharges of raw sewage (5-20 mgd)
- Mexico rebuilds Pumping Plant No. 3

- 2016

- More discharges of raw sewage
- Study completed and draft report released to BTC
 - Key infrastructure at or beyond its useful life
 - O&M needs
 - Cost to address problems \$75M-\$80M

MEASURES TO DEAL WITH DISCHARGES

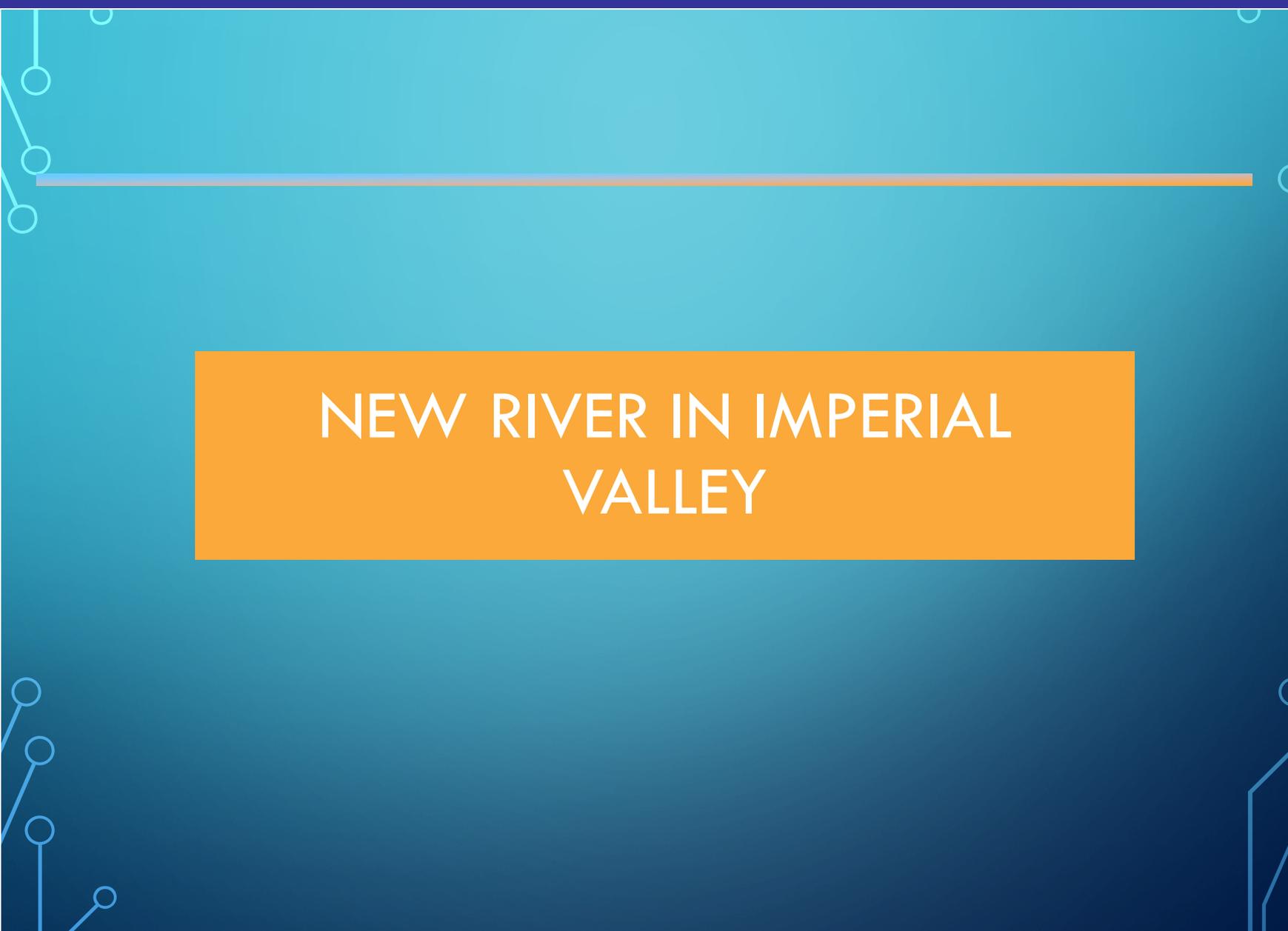
- 2016 Policy meeting of US BTC members
 - USEPA & NADBank
 - Allocated ~\$330,000 for bypass equipment
 - Dec 2017: contractor starts delivering equipment
 - May 2018: all equipment delivered and deployed
- Other CESPMS' actions
 - Bought additional O&M equipment
 - Building temporary pumping facilities
- Mitigating/preventing most discharges

DISCHARGES

- June 6, 2018
 - Pumping Plant No. 4
 - 1 million gal
 - 70 minutes
 - Electrical Failure

- August 16, 2018
 - Madero Lift Station
 - 47,550 gal
 - 3 hr 20 minutes
 - Pump Failure



The slide features a teal-to-blue gradient background with white circuit-like lines in the corners. A horizontal orange line is positioned near the top. The main title is centered in a white box.

NEW RIVER IN IMPERIAL VALLEY

2011 NRIP STRATEGIC PLAN

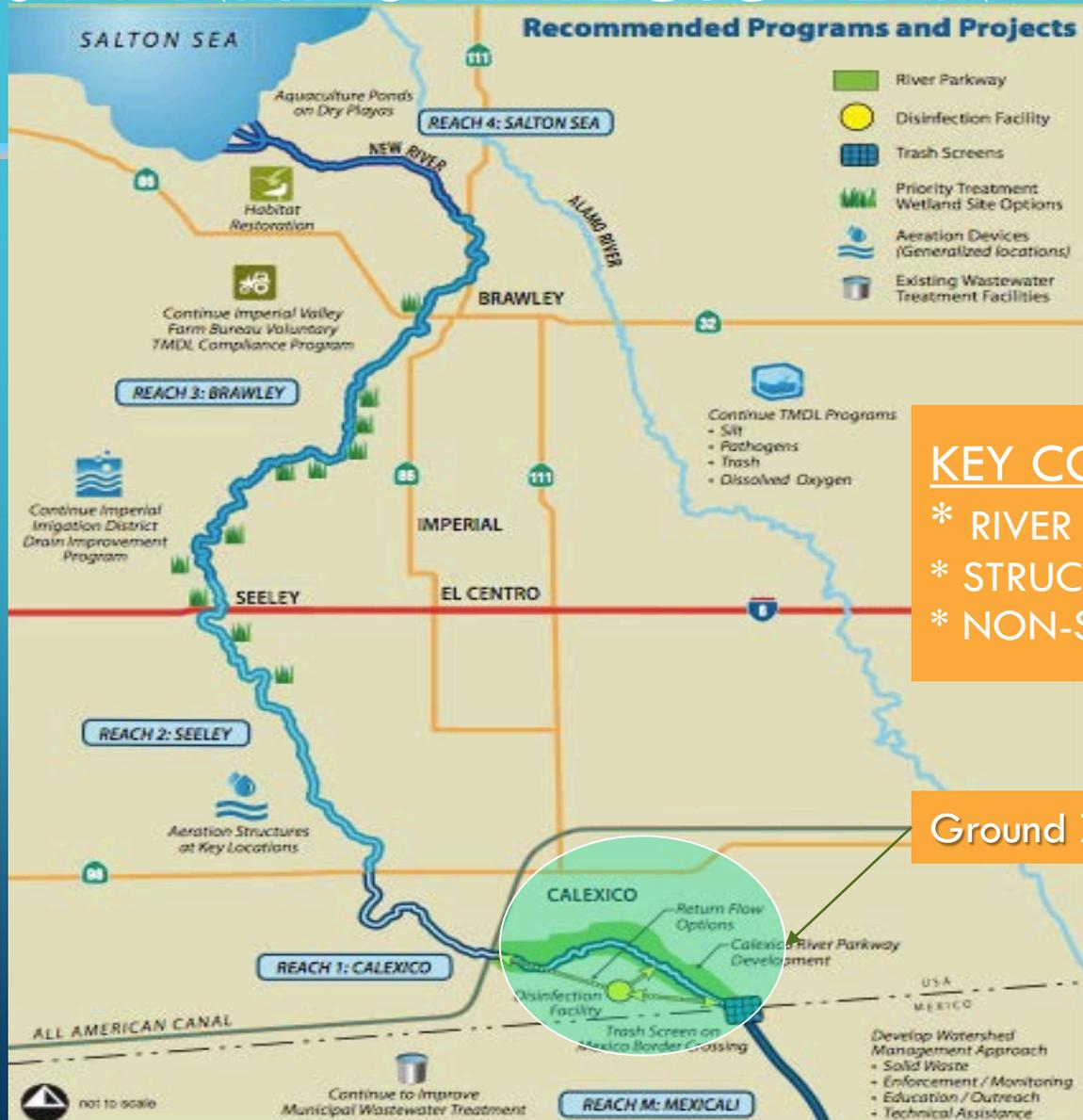


Figure 1. Strategic plan Recommended Solutions

NEW RIVER PARKWAY

Task	Status
Final trail alignment alternative selected	Complete
Environmental Studies (NES [MI])	Complete
CEQA documents submitted for public review	Complete
CEQA documents (MND) approved and recorded	Complete
35% engineering design documents prepared	Complete
90% design documents	Complete
Request release of construction \$'s from Caltrans	Complete
100% Construction documents prepared	Complete
Prepare construction bid documents	Complete
Public Bid Notice for construction or parkway	Dec 2018
Award construction contract	Jan/Feb 2019
Begin phased construction of parkway	Mar/Apr 2019

NEW RIVER IMPROVEMENT PROJECT

- Phase 1

- Design of trash screen, conveyance, pump-back system
- Environmental documentation
- Awarded MBI Phase 1 Contract in March 2018
 - 90% deliverable accomplished as scheduled
 - Completing Phase 1 by October 31, 2018

- Phase 2

- Construction

SCOPE OF CONTRACT

Trash Screen

- Fully automated
- Remove 1 ton/day of domestic trash

Bypass Encasement

- Commence near International Boundary
- Outfall east of All-American Canal

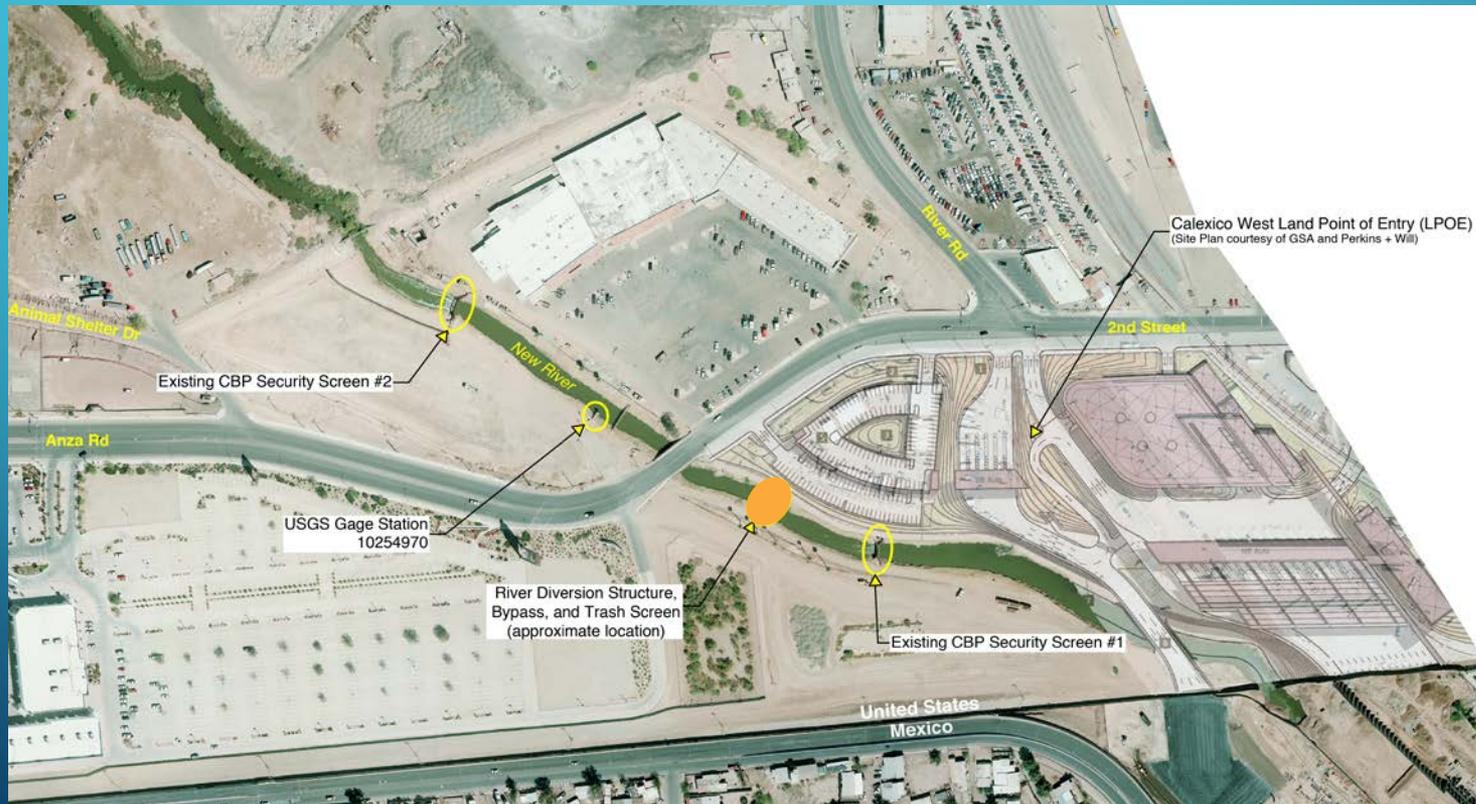
Pump Back System

- 5.0 million gallons/day
- Secondary treated wastewater from Calexico Waste Water Treatment Plant

PREFERRED ALIGNMENT



NEW RIVER DIVERSION



PRELIMINARY ENGINEERING

April 2018

- Survey/Aerial Topography
- Initial Design Recommendation Reports
- Initial Biological and Archaeology

May/June
2018

- Engineering Reports/Hydraulics
- Geotechnical Investigations

July/August
2018

- 30 % submittal
- Implementation of approved preferred alignment

September
2018

- 60 % submittal
- Mechanical and electrical components specified

SCHEDULE: DESIGN

- Plans
- Specifications
- Cost Estimates
- Environmental Documents

October
31, 2018

**Final
Submittal**

OTHER COORDINATION, CONSULTATION

- Local and Regional
 - Imperial County, IID, Calexico, SSA
- State
 - CNRA, CalEPA, SWRCB, CMBRC, Legislature, GO's
- Federal
 - US DHS, GSA, CBP, IBWC, USEPA, NadBank, USACOE
- NGOs
 - CNRC, Comite Civico del Valle, others

BORDER ACTIVITIES REPORT

CRWQCB (R7) BORDER ACTIVITIES REPORT

Event	Date
Binational Technical Committee and New River Tour	May 3, 2018
New River Workshop	May 14, 2018
California Mexico Borders Relation Council Meeting	July 17, 2018
Calexico Community Meeting	July 19, 2018
Binational Technical Committee and New River Tour	July 26, 2018
New River Improvement Project Stakeholder Meetings	Weekly/Ongoing
Binational Technical Committee and New River Tour	October 25, 2018

SUMMARY

● Progress in Mexicali

- Binational cooperation has worked
- New River threatened by condition of infrastructure
- CESPМ received bypass equipment
- Feds and NadBank must prioritize CESPМ's projects for funding the \$75M problem

● NRIP Strategic Plan

- River Parkway shovel-ready (public bid 12/18)
- NRIP Calexico Phase 1 well underway, continue support and monitor effort, project to be completed by October 31, 2018

Questions?