CALEXICO NEW RIVER
COMMITTEE

New River Improvement Project Strategic Plan Status Update

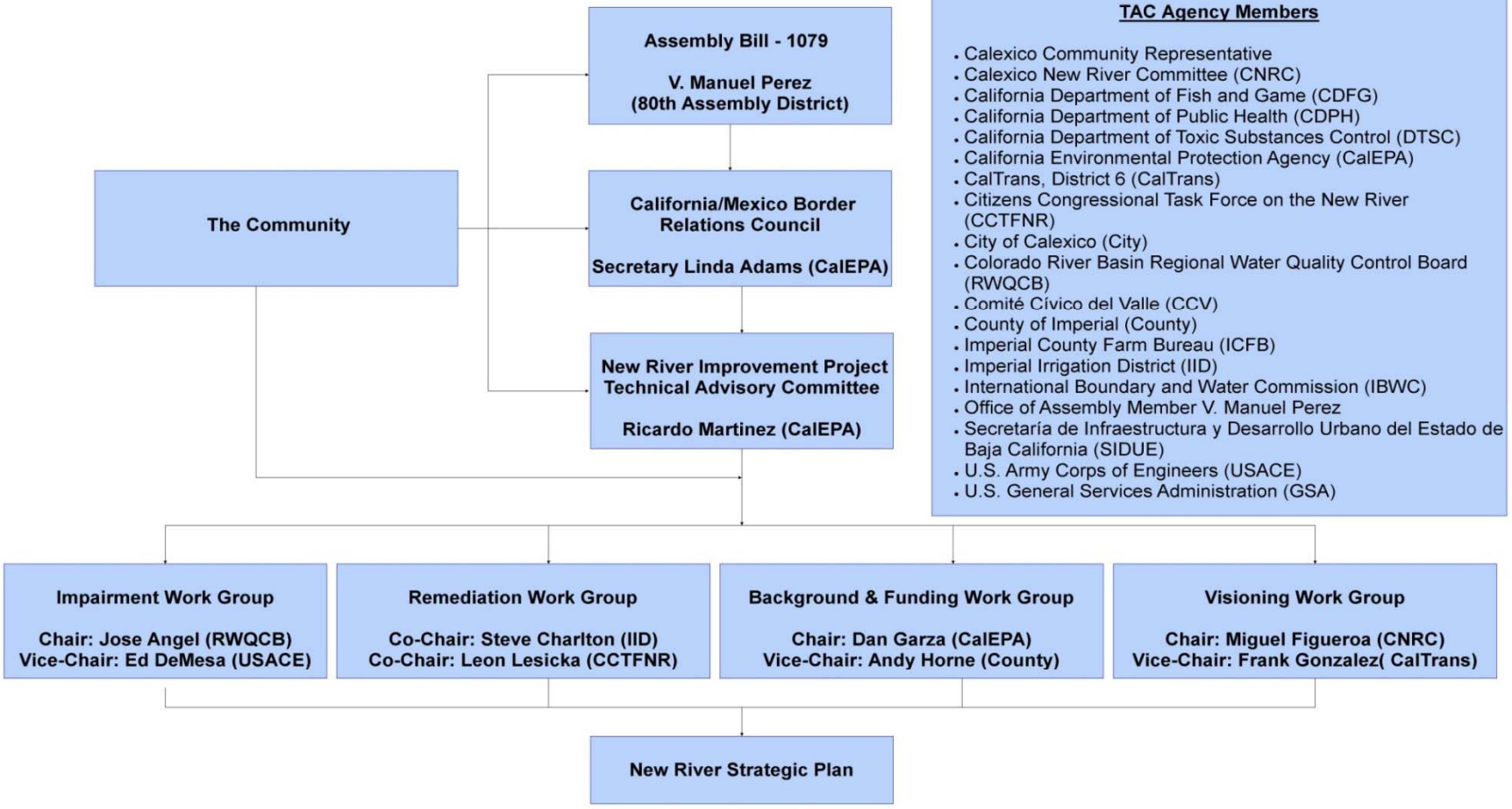
Recap - AB 1079

- Authored by Assemblymember V. Manuel Perez, 80th District
- Co-sponsored by the Calexico New River Committee
- Signed into law on October 11, 2009
- Established a Technical Advisory Committee to prepare a Strategic Plan to identify restoration and/or clean-up options for river.
- Required the California-Mexico Border Relations Council to adopt the Strategic Plan.

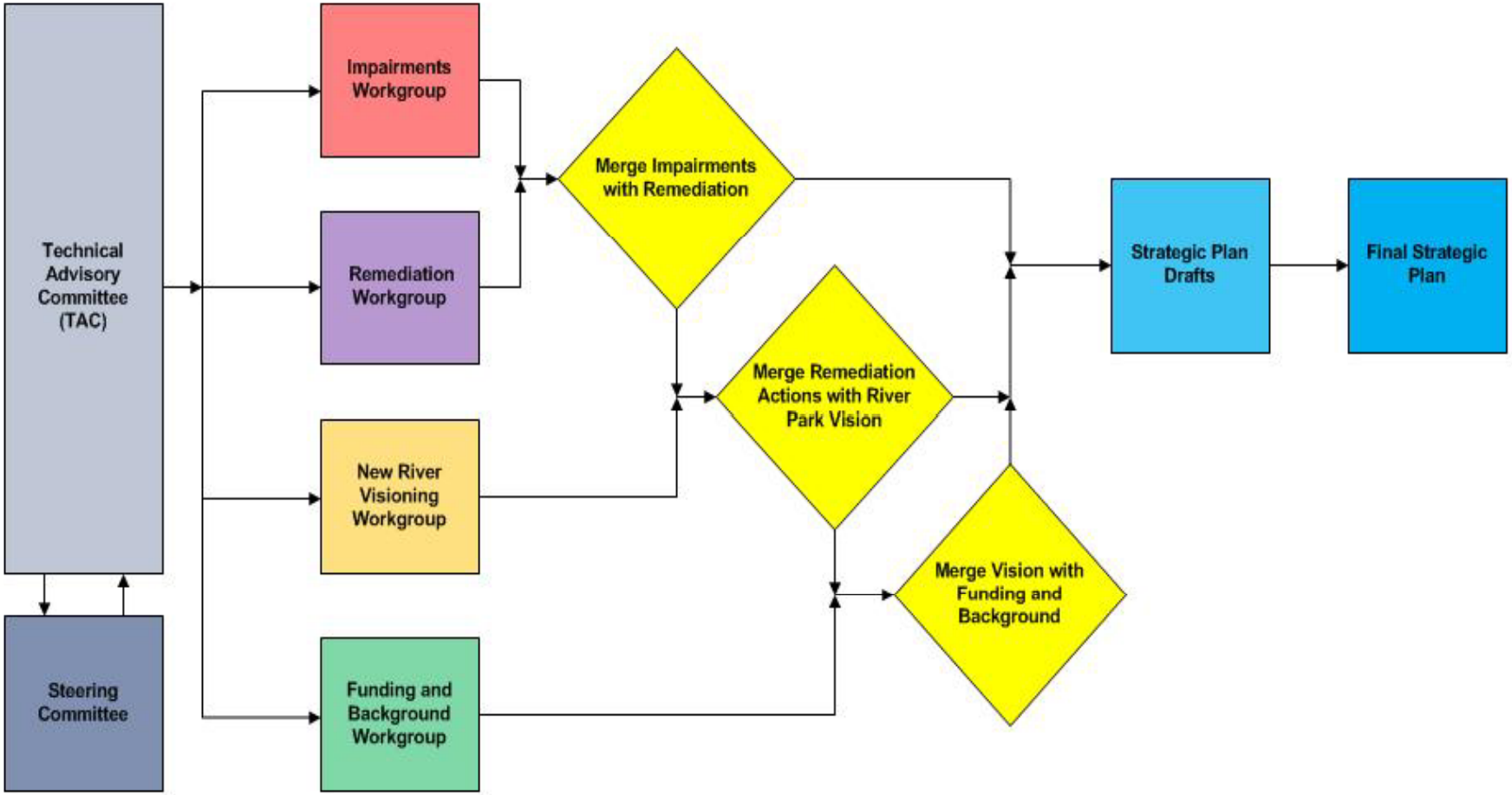
The New River Improvement Project

A Project of the California Mexico Border Relations Council and the City of Calexico

New River Improvement Project—Technical Advisory Committee



New River Improvement Project Work Plan



NRIP Strategic Plan: Planning Approach

Addressing a cumulative and severe problem requires:

- A long term, multi-faceted effort spanning the entire River corridor,
- An effort that builds on and learns from existing efforts,
- And involves collaboration of many agencies and institutions.

Specific water problems are unique to specific reaches:

- Mexicali Reach: Mexicali Valley to International Boundary
- Calexico Reach: International Boundary to Highway 98
- Seeley Reach: Highway 98 to Evan Hewes Highway
- Brawley Reach: Evan Hewes Highway to Drop 2 by Brawley
- Salton Sea Reach: Drop 2 to its outlet at Salton Sea

NRIP Strategic Plan

- Quantification of current and projected New River water quality impairments and their threat to public health.

- Prioritization of the actions necessary to protect public health and to meet New River water quality objectives and other environmental goals, such as improving the quality of water flows into the Salton Sea.

- Identification of potential funds for the implementation of the project, and potential lead agencies that would be responsible for environmental review of activities related to the cleanup and restoration of the New River.

- A plan for a river parkway.

SALTON SEA
Aquaculture Ponds on Dry Playas
REACH 4: SALTON SEA
NEW RIVER
111
86
Habitat Restoration
Continue Imperial Valley Farm Bureau Voluntary TMDL Compliance Program
BRAWLEY
ALAMO RIVER
32
REACH 3: BRAWLEY
Continue TMDL Programs
• Silt
• Pathogens
• Trash
• Selenium
Continue Imperial Irrigation District Drain Improvement Program
86
111
IMPERIAL
SEELEY
EL CENTRO
8
REACH 2: SEELEY
Aeration Structures at Key Locations
98
CALEXICO
Return Flow Options
Calexico River Parkway Development
REACH 1: CALEXICO
Disinfection Facility
USA
MEXICO
ALL AMERICAN CANAL
Trash Screen on Mexico Border Crossing
Develop Watershed Management Approach
• Water Reuse
• Solid Waste
• Enforcement / Monitoring
• Education / Outreach
• Technical Assistance
not to scale
Continue to Improve Municipal Wastewater Treatment
REACH M: MEXICALI
Recommendation Legend
Disinfection Facility
Trash Screens
Priority Treatment Wetland Site Options
Aeration Device (Generalized locations)
Wastewater Treatment Facilities

NRIP Strategic Plan released to public

The NRIP Strategic Plan was reviewed by Cal EPA and released to the public by the California-Mexico Border Relations Council during their regular meeting on May 25, 2012 in Calexico, CA.

http://www.calepa.ca.gov/Border/News/

Summary of Recommendations

- Trash Screen
- Conveyance and Disinfection Facility (Calexico)
- Calexico River Parkway
- Keep implementing programs that work:
  - ✓ SWRCB and RWQCB Nonpoint Source Pollution Control Programs
  - ✓ ICFB's Voluntary Total Maximum Daily Load Compliance Program
  - ✓ IID's Drain Water Improvement Program
  - ✓ Regional Water Board's silt and pathogen TMDLs
  - ✓ State and regional Water Board's regulatory programs to control discharges of waste from wastewater treatment plants and urban storm water run off

Salton Sea

Improve water quality, and river corridor conditions in the New River support and benefit the local communities, aquatic and riparian ecosystems, and agricultural activities, while contributing water resources for the health and restoration of the Salton Sea delta and ecosystems.

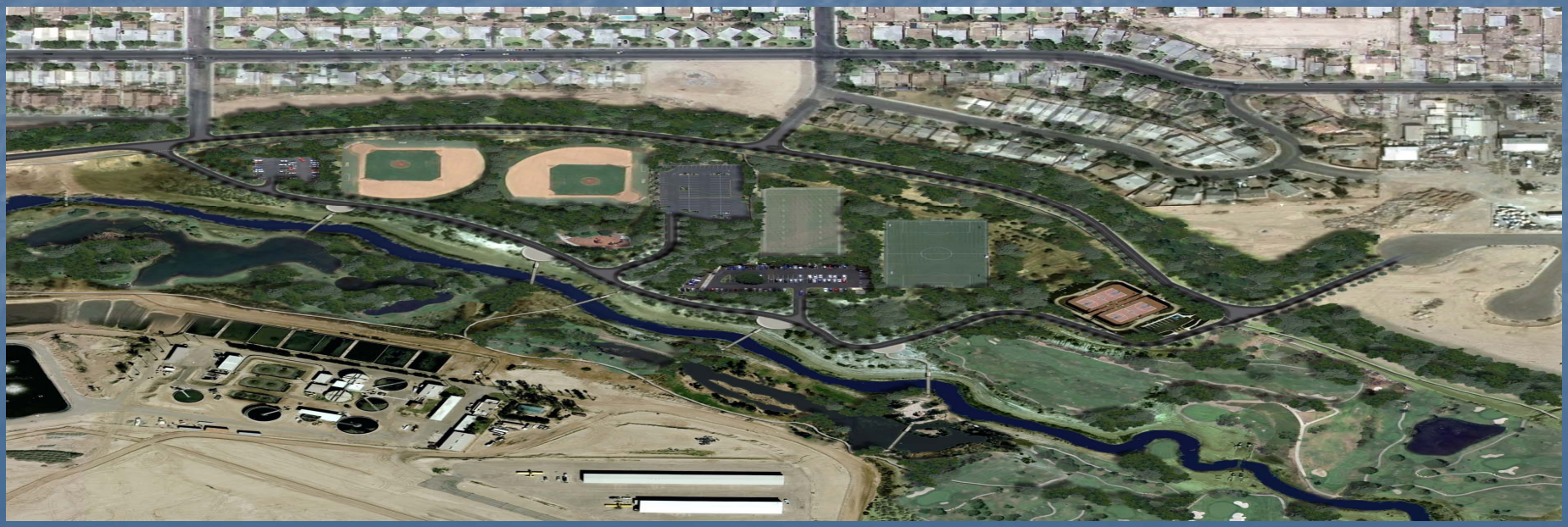
Calexico Parkway Project

NRIP Phase 1B - development of a parkway consisting of pedestrian and bike paths to be constructed within portions of the New River's flood plain that passes through the City over a distance of three miles extending from the international border to State Highway 98.

Status Update 1st Quarter 2013

ERM, RBF Consulting and HDR Engineering

- Research data sources for existing studies, laboratory data, maps, etc.
- Researched boundary conditions and topographic controls
- Completed aerial photogrammetry (for base map preparation and control)
- Began compiling boundary, topo, and utilities data to create a new topographic base map
- Created aerial photo set for preliminary conceptual design efforts (consider trash screen, NRIPSP Solution C.1)
- Completed delineation/vegetation mapping
- Completed Burrowing Owl surveys
- Completed archeological surveys
- Completed cultural surveys



Hybrid Paulownia Trees

Benefits:

- Reduction of air pollution and odor impacts in residential areas
- Wind break
- Aesthetic Improvement
- Environmental and Economic benefits

Hybrid Paulownia Trees

Growth Rate:

The hybrid Paulownia will grow to about 65 ft. in height and have a girth of 10-12 inches at the base in 3 years. After three years, the tree will continue to grow, just not as rapidly.

AB 407

- Authored by Assembly member V. Manuel Perez, 56th Assembly District
- Sponsored by the Calexico New River Committee
- AB 407 will establish a detailed definition and authorization that is consistent with the New River Improvement Project Strategic Plan and the language in AB 1079
- The bill consolidates the various statutory authorities and funding programs related to the New River into one integrated program: the New River Watershed Water Quality, Public Health and River Parkway Development Program
- Passed Senate floor on May 1, 2013, next it will be heard by the Senate Committee on Environmental Quality

SUPPORT OUR PROJECT!

Calexico New River Committee

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