

WinWerks Powell Electrocoagulation Agenda

Intros

Proposed Tijuana Projects

Political Approvals

Funding Needs & Terms

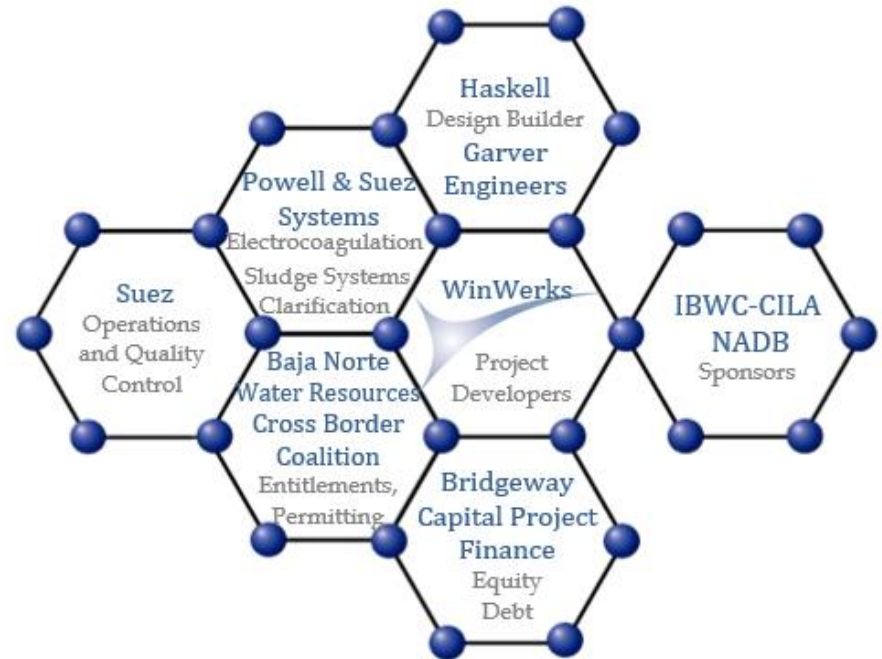
Next Steps





Turnkey and Operate Scope of Work

1. WinWerks Project Development
 - a. Project Development & Management
 - b. Design-Build, Own, Finance and Operate
 - c. Equity Debt Financing- Private and Public
 - d. Project Guarantees
2. Powell Water Systems, Inc.
 - a. Patented, proprietary Electrocoagulation Equipment
 - b. Basis of Design Engineering
 - c. Project EC Support and Warranties
 - d. Microalgae CO² Sequestration
3. Consultants
 - a. Outreach with affected US and Mexico agencies
 - b. Land planning, Entitlements and Permitting
4. Haskell Design Builder + Garver Engineers
 - a. Design, Engineering, Cost and Schedule Control
 - b. Procurement, Construct & Install, Turnover
5. Operator – Suez proposed
 - a. Startup & Commissioning, Operations



WinWerks Powell Electrocoagulation Benefits

Benefits

37-60 M GPD Treated Sewage

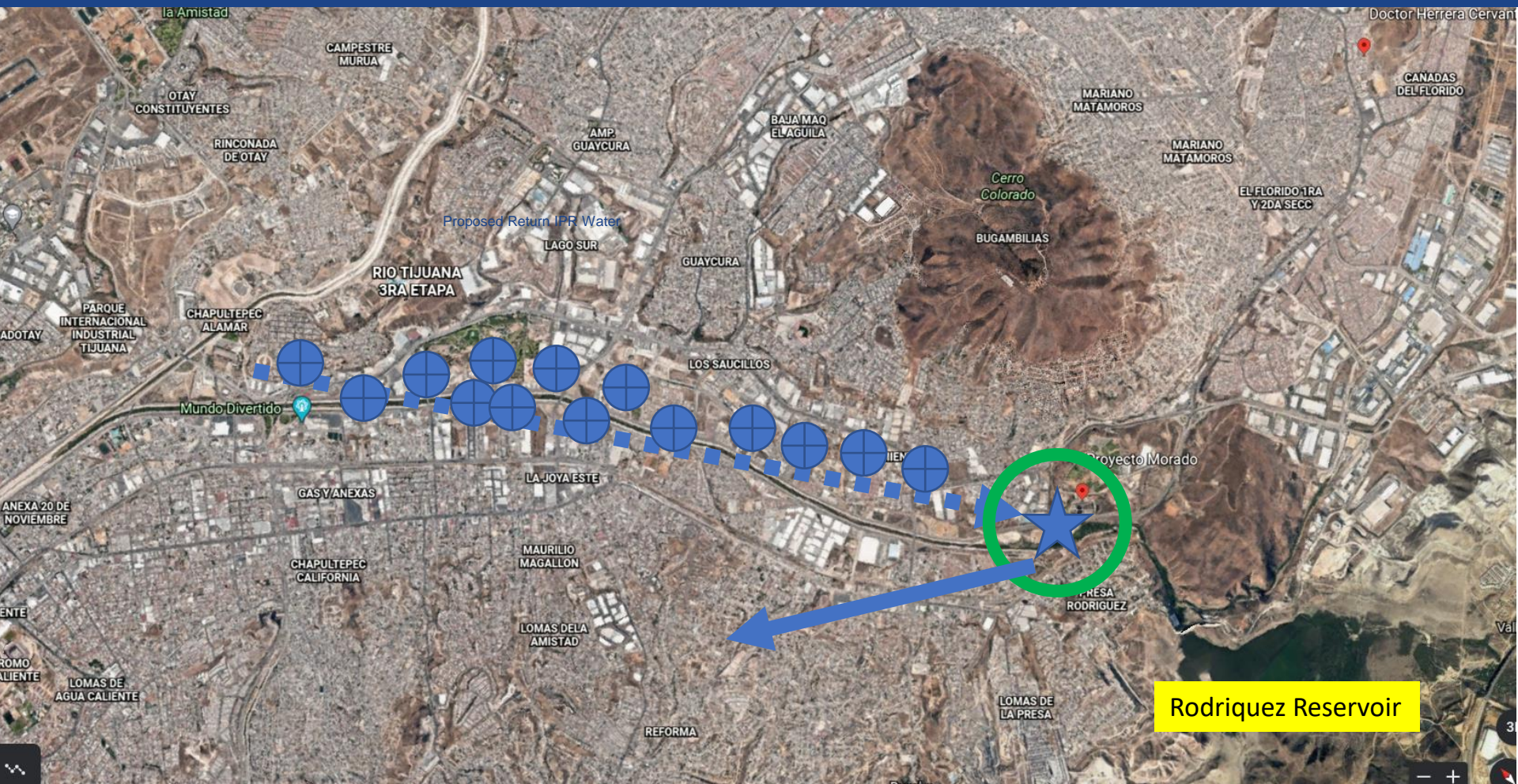
Transformed to recycled water

Convert Sludge to Class A

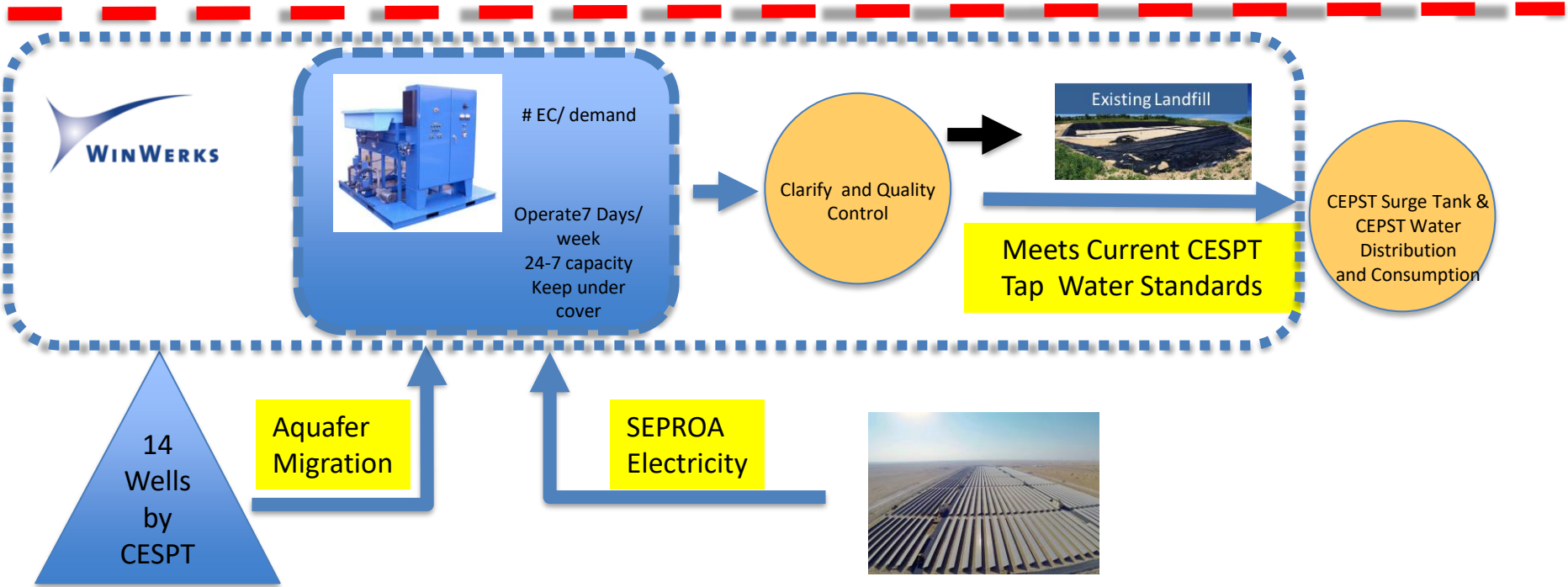
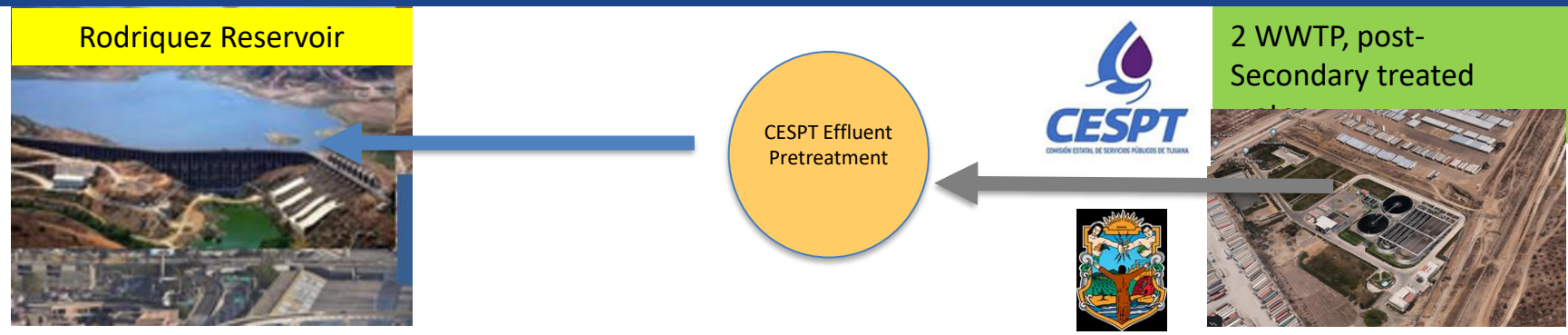
+ Reduce Punta Bandera raw sewage
by 25-28 MGD



Tijuana Aquifer Well Water to Direct Potable Use



Tijuana Well Water: Turnkey Electrocoagulation System

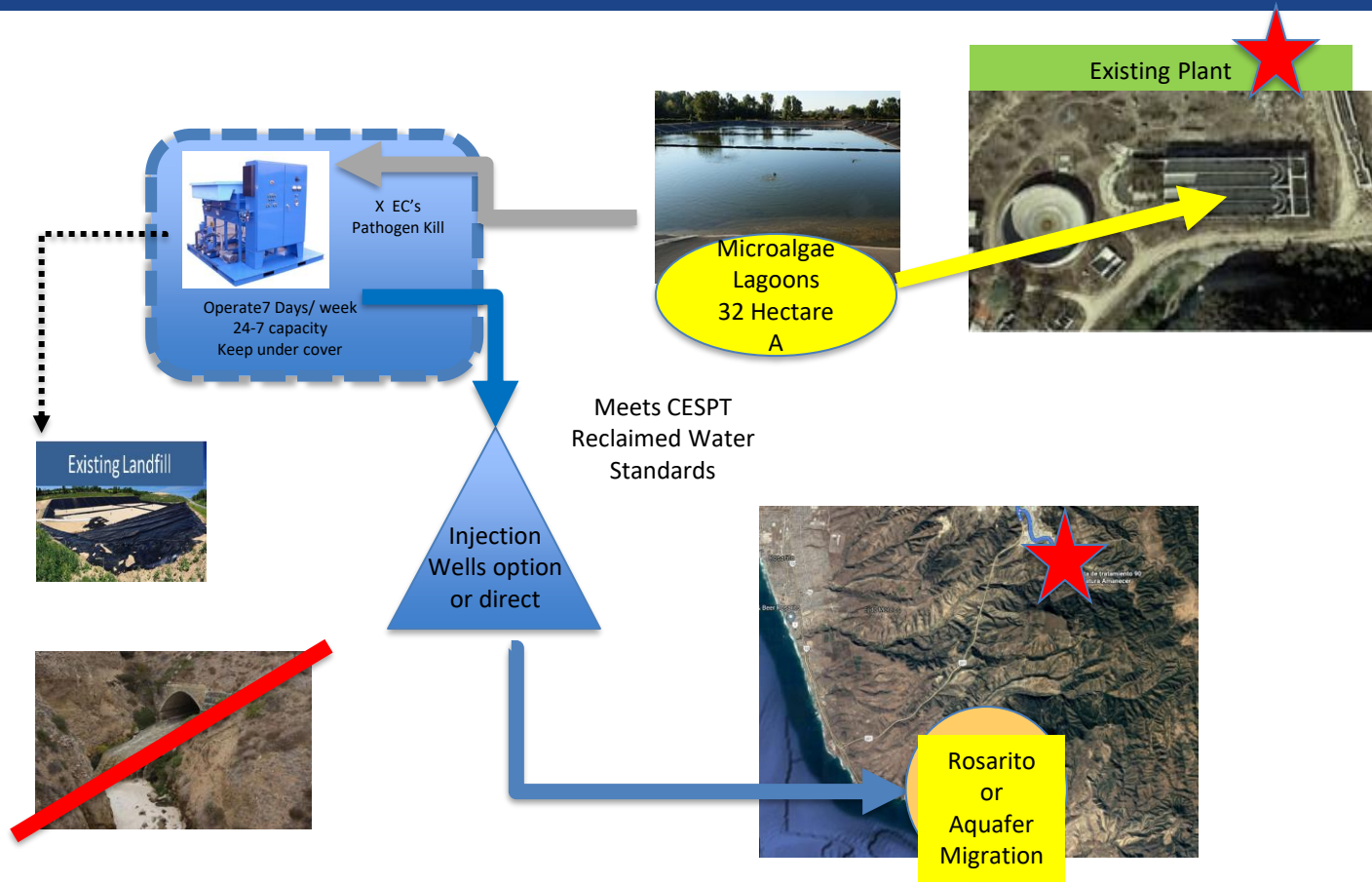


San Antonio WWTP & Punta Bandera Current Issues

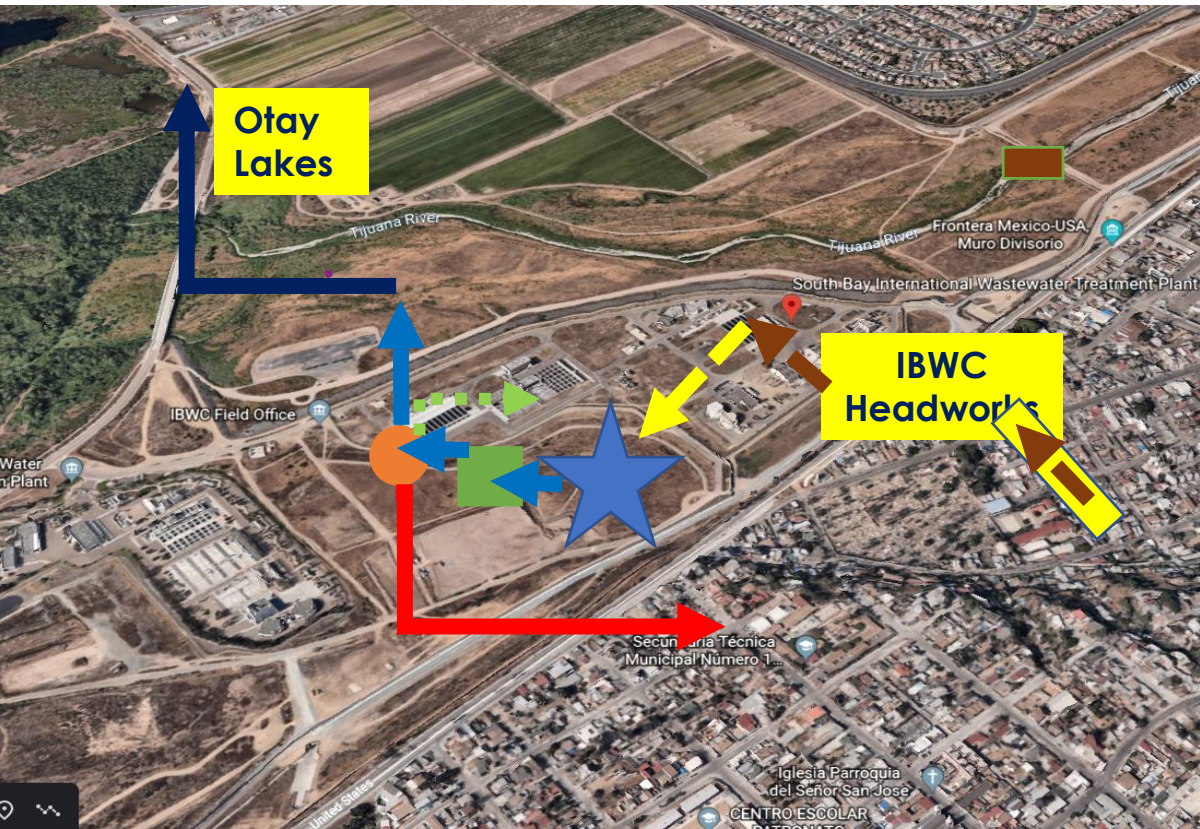











1. Reduce Source Loads to 10-12 MGD
2. Treat with Powell Water Patented Microalgae System
3. Recharge Aquifer for Rosarito domestic water

28 MGD Microalgae Lagoon with EC @ San Antonio WWTP

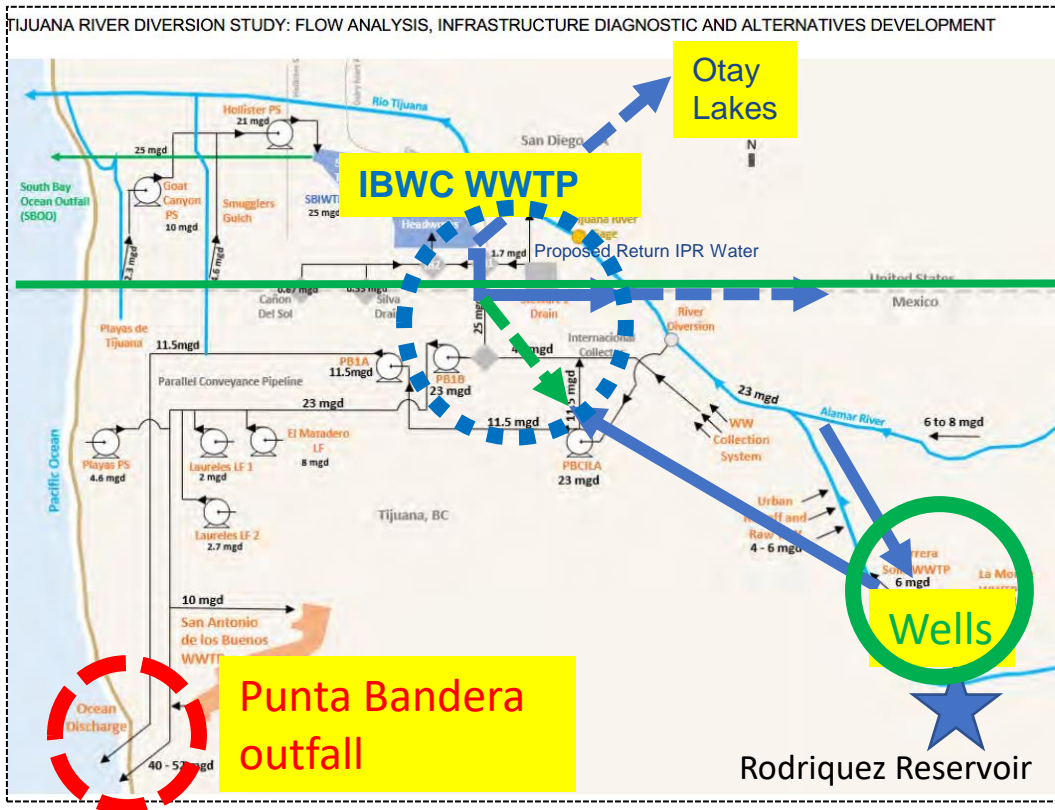


IBWC Primary- Secondary Treatment @ Electrocoagulation 25 MGD Treatment Train



-  IBWC Headworks & primary at 50 MGD
-  +10 MGD secondary with EC
-  32 - 600 GPM Main EC System
-  Tijuana CILA Sewage & Feedstock Source
-  1 Lamella Inclined Plate Settler Basins 10 MGD
-  12 GPM Vacuum Clarifiers (12' diameter x 40' high ea.) + UF-UV to DPR
-  Solids Recovery - Reuse
-  Existing Ocean Outfall Pipeline, or Otay
-  Tijuana Potable Reuse

San Diego -Tijuana Wastewater – Clean and Reuse



Create: 7 MGD + 25-30 MGD reclaimed water from Tijuana Sewage post-secondary treatment + 25 MGD San Antonio WWTP

Sources: [Wells](#), [La Morita](#), [Arturo Herrera](#), [IBWC WWTP's](#) and [Punta Bandera outfall](#)

Untreated Sewage Fix: Punta Bandera outfall

Process: Electrocoagulate, clarify to standards

Turnkey Delivery – Design Build Finance Operate by WinWerks & Co- Developer

Offtake: SD Water & CEPST 25-year Concession

Next Steps: Political Process to MOU, Permitting, Financing, Delivery and Operations

Financial Terms and Conditions

Seed Funds

Equity

Debt

Political Risk Insurance

Terms



Next Steps

Contact NADB, New Governor,
CONAGUA, IBWC_CILA
Seed Funds - On going
Equity - On going
Debt - On going
Insurance US DFC
Terms

