

**INTERNATIONAL BOUNDARY AND WATER COMMISSION
UNITED STATES AND MEXICO
UNITED STATES SECTION**

**RIO GRANDE CANALIZATION PROJECT
5 YR CHANNEL MAINTENANCE PLAN**



**CITIZENS' FORUM
APRIL 24, 2014**

CHANNEL MAINTENANCE ACTIVITIES



- Bank Stabilization
 - Using rock riprap and woody vegetation
- Arroyo Sediment Removal
- Arroyo Realignment
- River Channel Sediment Removal

GOALS & OBJECTIVES



- Maintain efficient water deliveries to:
 - U.S. Irrigation Districts
 - Municipalities
 - Mexico
- Improve Operations at Diversion Dams



NO ACTION IMPACTS

- Reduction in Channel Carrying Capacity
 - Reduce water delivery efficiency
 - Create backwater conditions = drainage problems
- River bank instability
 - Bank failure/Lateral migration
 - May impact maintenance roads
 - May impact flood protection levees
- Diversion Dams – Reduction in carrying capacity of irrigation canals with increase sediment loads



PRIORITY LEVELS

- **High Priority** – Requires maintenance as soon as possible/annual maintenance is likely
- **Medium Priority** – Monitor annually; may require maintenance once every two years
- **Low Priority** – Monitor annually; may require maintenance once every three to four years

HIGH PRIORITY SITES



- American Dam to Anapra Bridge
- Rincon Arroyo
- Placitas Arroyo
- Hatch Siphon
- Rincon Siphon
- Country Club Bridge

MEDIUM PRIORITY SITES



- Mesilla Dam to Mesilla Bridge
- Tipton Arroyo
- Trujillo Arroyo
- Rincon/Tonuco Drain Outlet

LOW PRIORITY SITES



- Sibley Arroyo
- Garcia I Arroyo
- Reed Arroyo
- Bignell Arroyo
- Thurman Arroyo
- Tierra Blanca / Green Arroyo
- Hersey Arroyo
- Salem Bridge
- Hatch Bridge Area

2014 WORK SCHEDULE



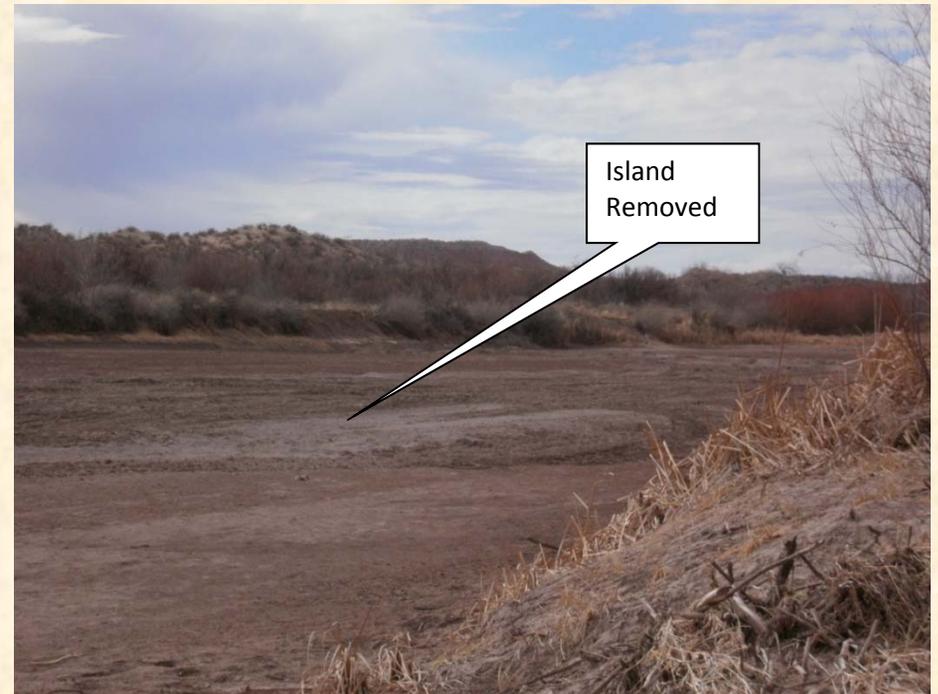
All work performed during non-irrigation season

- Hatch Siphon - Completed
- Rincon Siphon - Completed
- Rincon Arroyo - Est. Completion Date: 4/23
- Placitas Arroyo - 4/24 - 5/8
- Montoya Arroyo - 5/12 - 5/22
- Montoya Drain – Est. Completion Date: 5/23

HATCH SIPHON



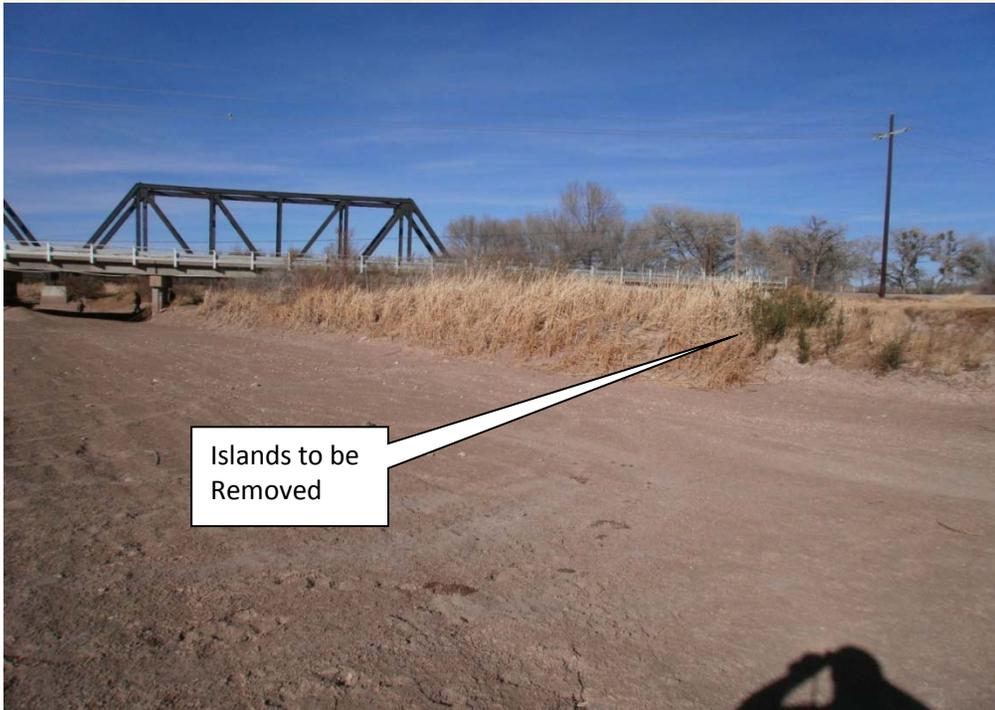
HATCH SIPHON



RINCON SIPHON



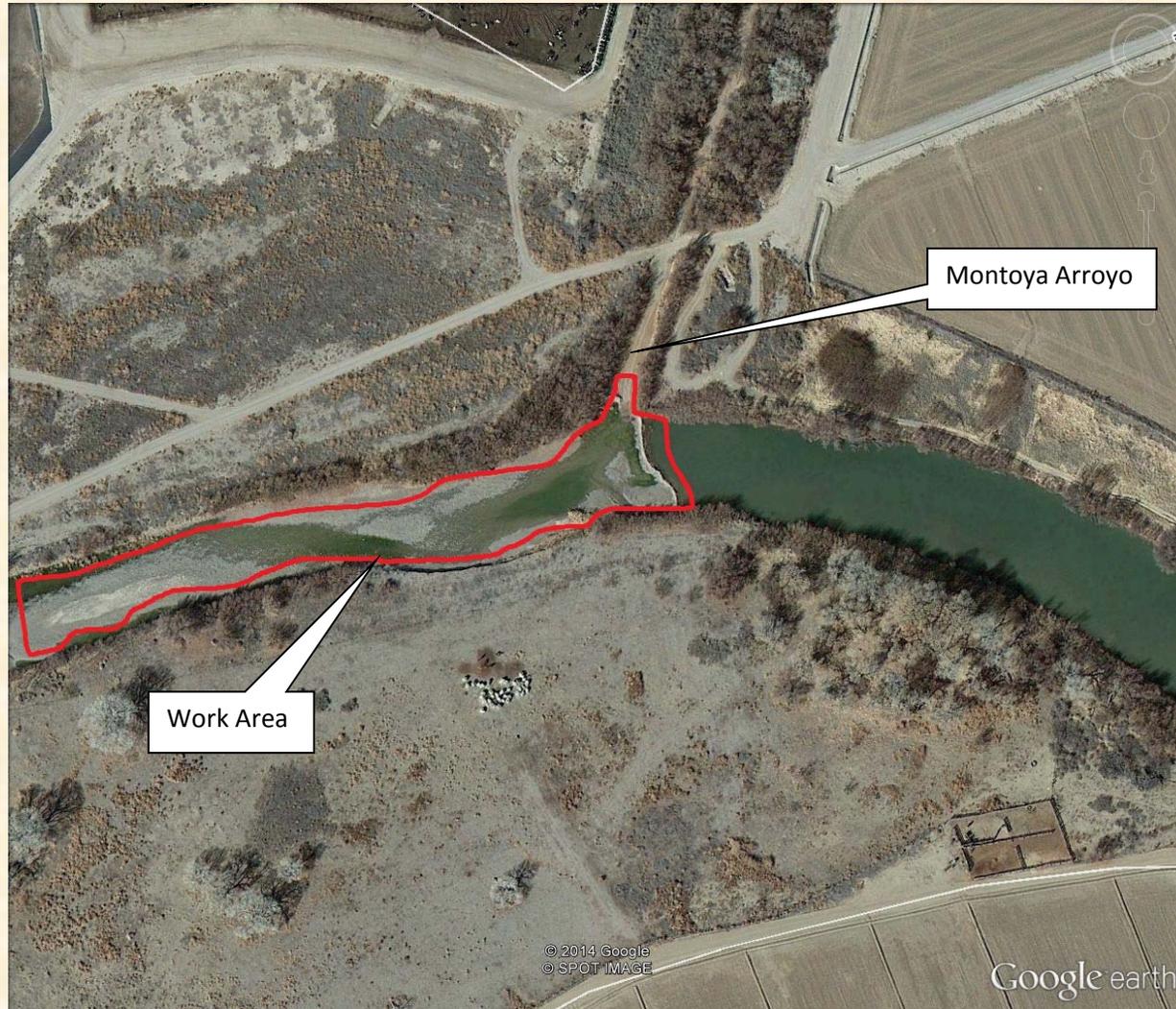
RINCON SIPHON



PLACITAS ARROYO



MONTOYA ARROYO



MONTOYA DRAIN



QUESTIONS?

