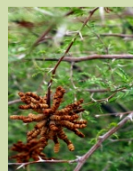


# Las Vegas Wash Coordination Committee: 2019 Accomplishments

January 14, 2020



# Las Vegas Wash Coordination Committee

- Mission: working to stabilize and enhance the valuable environmental resources of the Las Vegas Wash
- Assisted by three study teams: Admin, REM and Ops with LVVWAC oversight



# CAMP Progress



- All 44 action items implemented:
  - 31 complete or addressed by others
  - 13 ongoing, perpetual





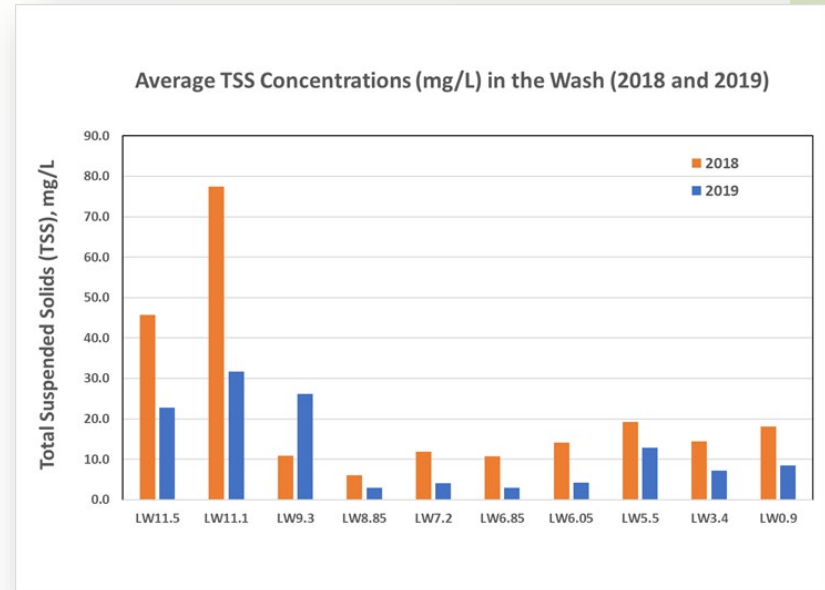
# Stabilization

- Benchmarking weirs began: 8 weirs upstream of Sunrise Mtn. Weir
  - Cleared vegetation, spoils
  - Reestablished grades
- Facilities assessment, 5-year work plan and O&M plan completed
  - 3 yrs to benchmark weirs, then 2 yrs regular maint.



# Water Quality

- Regular monitoring of the Wash and tributaries occurred with no major changes
- 2019 data (no weir constr.) versus 2018
  - Perchlorate & Se down ~5-9%
  - OP & TP down ~20-30%
  - TSS & most trace metals down dramatically
- Data was uploaded into the Lower Colorado River Water Quality Database and process improvements were made
- Informal consultation for razorback sucker concluded; bioassessment monitoring no longer required



# In-Lieu Fee Mitigation Wetlands

- Manage on behalf of the County
- Successfully met Corps permit requirements in 2018, so the site no longer requires Wash Team expertise
- Have submitted notice to the County to conclude the management agreement





# Wildlife

- ▶ Las Vegas Wash Wildlife Management Plan (WMP)
  - ▶ Concluded 2<sup>nd</sup> iterations of reptile, mammal & fish surveys
- ▶ Finalized ESA compliance requirements moving forward
  - ▶ Informal consultations concluded; BO for tortoise active
  - ▶ Surveys for yellow-billed cuckoo, southwestern willow flycatcher and Yuma Ridgway's rail to continue under the WMP



# Vegetation Enhancement & Management

- Revegetated 16.5 acres
  - Total - >500 acres with native plants
    - ~132 acres are wetlands
- Reduced tamarisk by >95%, from ~1,500 acres to <55 acres
- Removed >90% of giant reed and treated tall whitetop extensively





# Cultural Resources

- Received final lithic and obsidian analyses report
- Stakeholders determined that a new PA is required for O&M; current PA expires in 2021
- A contractor was selected for a resurvey of the Las Vegas Wash Archaeological District to determine long-term effects of weir construction on cultural resources



# Education & Outreach

- Attended or hosted 30 events
- Reached >60,000 people
- Conducted a 2-day World Wetlands Day science symposium for high school students
- Hosted 2 Wash Green-Ups
- Completed 3 events with Mabel Hoggard Elementary students





# Data Resources

- Hosted ~34k unique webpage views on [lvwash.org](http://lvwash.org) (up 5%)
- Delivered 12 monthly e-newsletters to ~400 subscribers
- Reached 991 Facebook followers (up 20%)
- Maintained WQ database:
  - 4.8M lines of data total
  - >92.5k new lines of data
  - 4 participating agencies, 12 projects
  - 57 locations, 411 parameters





# Questions?

