





State of the Bioregion

INTERNATIONAL SONORAN DESERT ALLIANCE
ANNUAL MEETING



Cabeza Prieta NWR On the Horizon

PROSPECTS, PROPOSALS, AND PRIORITIES

- IMPROVE WILDERNESS CONDITION
- CHILDS MOUNTAIN COMMUNICATIONS SITE
- CAMPGROUND IMPROVEMENTS
- WATER
- EROSION AND RESTORATION





Childs Mountain Discussion Stay Juned for Details



History: Ajo AFS Luke-Williams Range

- 1958: Ajo Airforce Station Cold War radar
- Manned by the 612th AC&W Squadron
- Ground-control intercept and early warning
- Infrastructure (\$7.4million) ca 100 structures, one of the most expensive!
- Radar / Operations Area included operations buildings, radar towers, backup generators.
- GATR Site separate Ground to Air Transmitter/Receiver radio for intercept
- Cantonment area included enlisted barracks. bachelor officer's quarters, orderly room, dining hall, motor pool, swimming pool, bowling, BX etc.
- Family housing 27 units
- 1969: Abandoned and housing moved to Gila Bend, 1994 remaining torn down
- 1998: MOU with Luke and FAA
- 2000: turned over to FAA, Ajo Radar Site
- Current: LE Comms site and Joint Surveillance System by NORAD Western Air Defense BMGR-E







2007 Comprehensive **Conservation Plan**

Objective 8: Childs Mountain

- Remove all non-essential installations, buildings and other equipment by 2018
- BUT! It's essential: vital health and safety/national security **function**
- **BUT!** It "degrades wilderness character" – non-LE "prominently visible... doesn't serve a refuge purpose..." (Is this statement true?)
- SO...!: Users "explore alternative sites," 10 years prepare to remove

Primary Users

DHS, DoD, and DPS with subs

















"Explore Alternative Sites" Placement Options? Where?



Developed Sites

- Childs, FWS
- A-Mountain <elev
- Ajo Mountain LE, NPS
- Why, Town <elev

- Batamote, BLM
- Cardigans, BLM
- Saucedas, BLM
- Black, BLM
- Growlers, FWS-DW
- Gunsights, BLM
- Bates-Kino, NPS-DW
- Pinkley, NPS-DW
- Twin Pks, NPS
- Tohono O'odham

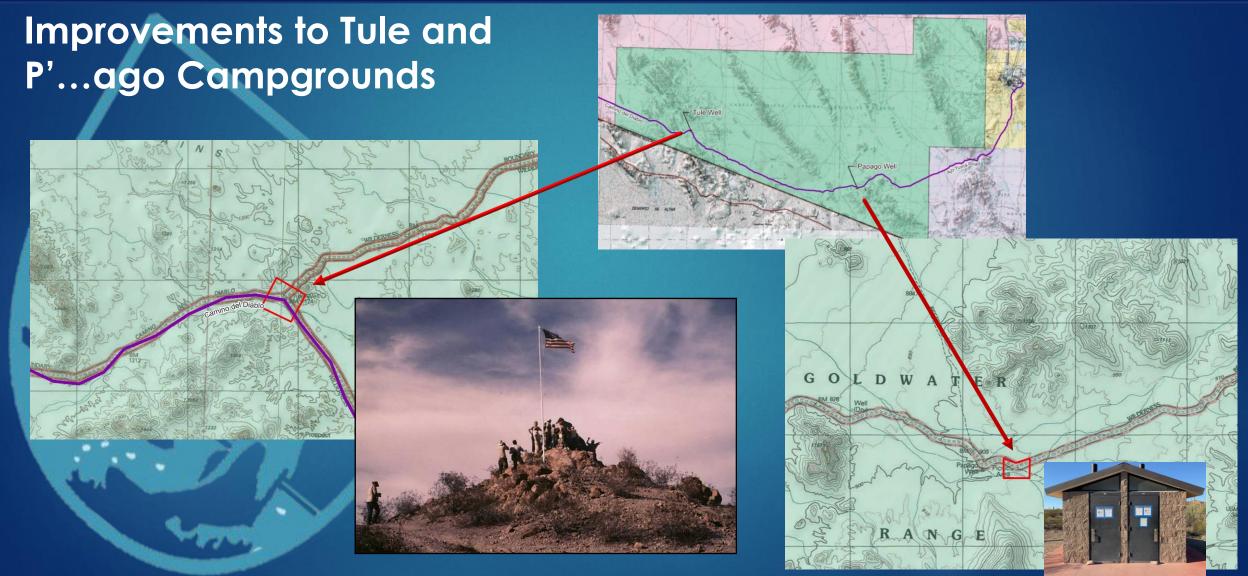
Issues and Considerations

- New disturbance in undisturbed lands
- Access and infrastructure
- Designated Wilderness (**DW**)-unviable
- NEPA, NHPA § 106-new visual-develop
- Enough altitude? Connectivity?
- Stated purpose achieved or just push the problem elsewhere?
- Not on "my" land ... but we "need" it!

Key points: Childs is developed, at 20' has line of sight to Gila Bend. South, there are connection issues, but there are also solutions in previously disturbed areas that would result in minimal additional impacts (mainly solar panels and sheds).











Improvements to P'...ago and Tule Campgrounds



- **Delineate** wilderness boundary - 100'
- Vault toilet and **ADA** parking
- **Shade structures**
- Work with O'odham to rename P'...ago to a more suitable name







Tule Campground Site Map





Remove existing campground from designated wilderness.

Campsite shade structure

Vault Toilet & ADA Parking

Access Road

Wilderness Boundary

















*Response to UNESCO and Mexico to mitigate effects of border infrastructure.

*Work with
CBP-BP to reestablish flow
+ Camp GripWater Quality.

* Tribal
Cultural
Place-Intaglio
and Las
Playas

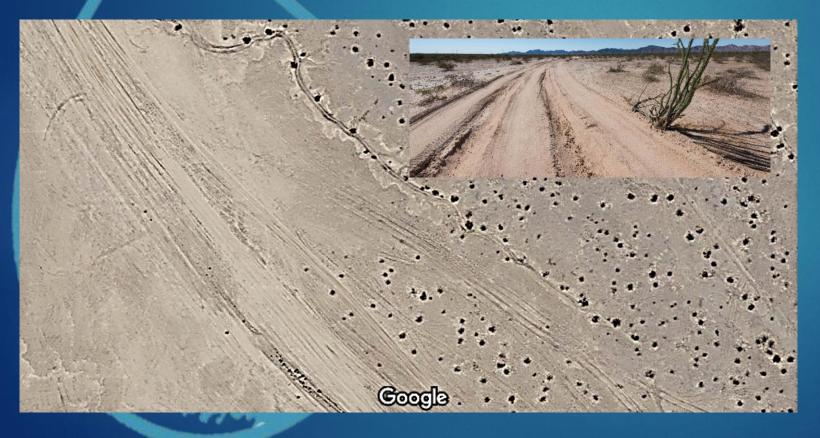








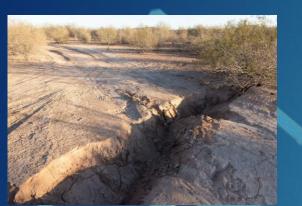
Desertification



Causes: Cumulative and Unsustainable

- Cattle ranching 650,000 head late 19th into mid 20th centuries
- Minimal vegetative response and lost groundcover/cryptobiotics
- Sustained droughts
- Flood events strip paleosols
- Colonization and spread of nonnatives esp buffelgrass, Sahara mustard etc
- Modern impacts due to crossborder violations and interdiction responses





Places to Enhance Infiltration and Vegetative Response



Results and Effects



- Border response complicates
- Stream/sheetflow diverted
- Erosion unabated
- Hydrology altered
- Aquifer recharge reduced
- Subsidence/desiccation cracks



Restoration

- Waterbars
- Grassland restoration-soils
- Check dams
- Seedbank









...the area is favorable for browse with grasses to the horse's bridles...



- Near roads
- Outside wilderness
- Feed plots-seed bank
- Road erosion
- Learn from the O'odham –Ak Chin
- Capture water
- Infiltration = > growth
- Groundwater recharge





