San Pasqual Band of Kumeyaay Indians

California Tribal Water Summit
April 25, 2013
San Pasqual General Information

- San Pasqual Indian Reservation was established by Presidential decree in 1910.
- The San Pasqual Indian Reservation is located in northeastern San Diego County, California, near Valley Center.
- The San Pasqual Indian Reservation is two miles north of the Rincon Band of Mission Indians, and is nearby several other Indian Reservations including Pauma, Pala, La Jolla, Santa Ysabel, Mesa Grande, Los Coyotes, and Pechanga among others.
San Pasqual Reservation in San Diego
San Pasqual Land and Acreage

- The Reservation encompasses approximately 2,656 acres
- Approximately 1,500 acres of trust land and 1,156 of fee land
- San Pasqual is considered a “checkerboard” Reservation, as it does not occupy one contiguous land mass.
- The San Pasqual Reservation is divided into three non-continuous districts: A, B, and District C.
San Pasqual Reservation

Current Reservation (Trust Only)
Tribal Demographics

- Current enrolled Tribal Membership consists of approximately 500 people.
- The Reservation population is approximately 952 total residents, occupying about 290 homes.
- The majority of homes and residents on the Reservation currently reside in Districts A and B, with a small population and clusters of homes on District C.
San Pasqual - District A
San Pasqual - District B
General Information

- The topography consists of steep slopes and few irrigable lands and the average annual rainfall varies from 10 – 20 inches a year.
- The land is very rocky with lots of granite
- The soils are mostly clay or decomposed granite
- Wastewater is handled through individual home septic systems
- The Reservation is divided between the San Luis Rey and Carlsbad Watersheds
- Only two “major” creeks on the Reservation: Paradise and Woods Valley Creek
- Very little surface water in Districts B & C
Carlsbad & San Luis Rey Watershed

San Pasqual in Relation to Watersheds

Legend
- Line
- San Pasqual Reservation Boundary
- Carlsbad
- San Luis Rey
- County Boundary

San Diego County

Carlsbad Watershed
San Luis Rey Watershed
San Pasqual
Carlsbad & San Luis Rey Watershed

San Pasqual in Relation to Watersheds

Legend
- San Pasqual Reservation Boundary
- San Pasqual Reserve
- Carlsbad Watershed
- San Luis Rey
- County Boundary

San Diego County
San Pasqual within the two watersheds
The Tribe operates a Public Water System serving the Tribal communities in Districts A and B. District C is a mix of a private well and municipal water supplies. All homes have water usage metered, meters are read monthly and are billed each month. If bills are not paid we send off “Shut-Off Notices”.
Water System District A

- 200,000 gallon water tank
- 2 domestic drinking water wells are operated by the Tribe
- Well #3 was off-line from 2003 – 2012. Refurbished in October 2012 and can sustain 25 GPM
- Well #4 brought on line in 2006 and can sustain 65 GPM
- Also have an emergency connection to VCMWD
Water System District B

- 100,000 gallon water tank
- No current domestic drinking water wells in operation
- All of District B domestic drinking water is supplied by VCMWD water connection
- A well was drilled in early 2000 to offset the need to be totally dependent on Valley Center water
- Unfortunately, this well could not meet drinking water standards
District C

- The majority homes have direct water connections to VCMWD
- One small well provides water to 5 homes
- Looking for more water sources in District C
San Pasqual is water insecure
Relies too much on VCMWD
The water supply is at further risk due to:
- Climate change
- Population growth
- Invasive plants
- Water Waste
What is the solution!?!?

- Dig more wells!!
  - May not hit water or usable water
- Rain water harvesting
  - Little to no rain in the summer months
  - Needs some treating in order to drink
- Reclaimed water from the casino for irrigation
  - Negative public perception
- Promote native and drought resistant plants
The solutions are tough but.....

- The alternative is not an option

- Which leads to this........
Water is Life

- Life Grows Where Clean Water Flows
- What is land without water?