

# Willow Beach National Fish Hatchery August 2013 Monthly Report

The hatchery stocked 8,930 twelve inch rainbow trout weighing 6,447 lbs. this month into Lake Mohave at the Willow Beach stocking sites. [\(15.4.6.5\)](#)

FIS Accomplishments were completed in the ECOS system, when the system became available for use.

Tom Frew, Assistant Project Leader and Scott Peterson, Maintenance Worker participated in an OSHA 511 class.

The hatchery had 231 visitors sign the guest registry this month. [\(15.4.12\)](#)

Hatchery Staff conducted the second hatchery tour for Arizona Game and Fish's Bighorn sheep boat tour group.

An Archeological survey was completed by a contractor prior to the flood control gabion project. There were no findings to conflict the construction project. [\(12.2.4\)](#)

Mark Olson, Project Leader, traveled to Achii Hanyo this month to cover for staff on annual leave. Scott Peterson also took a day trip to Achii Hanyo to address some maintenance related issues.



Working on the Hansen well

The Hansen well failed this month and the motor and pump had to be replaced. This well is the main water supply for all the razorback systems so the pupfish well water was fed into the exiting pipes to supply water while the work was being completed.

The hatchery experienced a major fish die off of rainbow trout due to the blockage of the incoming river water supply line. The blockage was caused by aquatic vegetation that closed off the supply of water to the pump sump area resulting in no water being pumped to the fish. 40,000 large trout died leaving the hatchery with 60,000 trout.



Rainbow trout fish die off

Maintenance activities for the month included: Oil changes on small equipment, carts and vehicles; rebuilt river water alarm to a 12 volt system; flushed razorback system water lines after installation of new well pump and motor, and repaired bird netting.

## Achii Hanyo Native Fish Rearing Facility

There were 44 observed fish mortalities in the production ponds this month. Fish were sampled at the end of July and beginning of the month by rod and reel to check for disease and parasites. Fish sampled from one of the production ponds exhibited signs of the beginning of *Lernaea* spp. infestation. All of the ponds were treated with Dimilin 25W to control in the production pond in which it was observed and prevent *Lernaea* spp. infestation in the remaining production ponds.

Due to continued high afternoon water temperatures and an observable decrease in feeding activity, feeding was reduced from 3% estimated body weight daily to every other day.

A new storage shed was delivered and installed to replace the dilapidated chemical storage shed. The old shed will be used to store miscellaneous items that will benefit from the shade.



New storage shed

A total of 20.0 volunteer hours were completed this month by Hendrik Verkade assisting with fish sampling, hazing cormorants and herons, emptying the chemical storage shed, and trash removal.

Maintenance activities included: removing a beaver dam from the drainage ditches; treating the mosquito larvae in the drainage ditches; diagnosing and repairing solar powered aeration units; constructing oxygen bottle securement to the wall; installing additional and repairing broken bird string deterrents, and changing the oil in the facility golf cart. (7.12.3.3)

