Achii Hanyo
Native Fish Rearing Facility
2011 Station Update
Presented by Jake Rice
Background Information

- Satellite facility of Willow Beach National Fish Hatchery
- Grow-out facility for Bonytail Chub and Razorback Suckers
- 9 earthen ponds ranging in size from .17 to 1.36 acres
- Total of 5.6 surface acres of water
Work Done in 2011

- 2 new .25 acres ponds (5 and 6) were built.
  - Only pond 6 was used this production season
5 Pond Kettle Work
2011 Harvest

- Harvest completed over two week span
  - 1\textsuperscript{st} week: Harvested Ponds A, B, 1, and 2 with help from Willow Beach Staff
    - All of 2008 and 2009 fish
    - Sorted and sized for tagging the following week
2011 Harvest cont.

- Second week: Harvested Ponds 3, 4, 6, and C with help from Willow Beach Staff and Bureau of Reclamation staff in Boulder City, NV
  - All of 2010 fish
  - Fish from previous week were tagged as other ponds were harvested
  - Fish were stocked by Bureau of Reclamation and Willow Beach staff in multiple locations along the Colorado River
## 2011 Harvest Data

<table>
<thead>
<tr>
<th>Pond (Ac.)</th>
<th>Species / Year</th>
<th># Stocked</th>
<th># Harvested</th>
<th>% Survival</th>
<th>% &gt;300mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (0.42)</td>
<td>BTC '09</td>
<td>1795</td>
<td>1167</td>
<td>65.01</td>
<td>80.97</td>
</tr>
<tr>
<td></td>
<td>RBS '09</td>
<td>148</td>
<td>129</td>
<td>87.16</td>
<td>100.00</td>
</tr>
<tr>
<td>2 (0.92)</td>
<td>BTC '09</td>
<td>2675</td>
<td>1642</td>
<td>61.38</td>
<td>62.66</td>
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<tr>
<td></td>
<td>RBS '09</td>
<td>300</td>
<td>209</td>
<td>71.33</td>
<td>97.66</td>
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<tr>
<td>3 (1.36)</td>
<td>BTC '10</td>
<td>1808</td>
<td>1070</td>
<td>59.18</td>
<td>100.00</td>
</tr>
<tr>
<td></td>
<td>RBS '10</td>
<td>2129</td>
<td>529</td>
<td>24.85</td>
<td>100.00</td>
</tr>
<tr>
<td>4 (1.14)</td>
<td>RBS '10</td>
<td>1610</td>
<td>540</td>
<td>33.54</td>
<td>98.88</td>
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<tr>
<td>6 (.25)</td>
<td>RBS '10</td>
<td>1000</td>
<td>587</td>
<td>58.70</td>
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</tr>
<tr>
<td>A (0.17)</td>
<td>BTC '08</td>
<td>703</td>
<td>85</td>
<td>12.09</td>
<td>81.17</td>
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<tr>
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<td>52</td>
<td>14</td>
<td>26.92</td>
<td>100.00</td>
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<tr>
<td>B (0.26)</td>
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<td>119</td>
<td>14.71</td>
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<td>8</td>
<td>8.00</td>
<td>100.00</td>
</tr>
<tr>
<td>C (0.83)</td>
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<td>3500</td>
<td>1590</td>
<td>45.43</td>
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<tr>
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<td>5673</td>
<td>50.25</td>
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<td>2429</td>
<td>41.18</td>
<td>80.81</td>
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</tbody>
</table>
2011 Tagging Data

- 2002 >300mm Razorbacks were pit-tagged and stocked into Lake Mohave

- 3261 Bonytail Chub were tagged and stocked
  - 500 Bonytail Chub >300mm were pit-tagged and stocked into Lake Havasu
  - Other 2761 Bonytail Chub were wire tagged and stocked in multiple locations
2011 Overview

- BTC survival in 2011 was 50% vs 64% in 2010
- RBS survival in 2011 was 41% vs 52% in 2010

- Number of BTC stocked:
  - 2010 = 3093
  - 2011 = 3261

- Number of RBS stocked:
  - 2010 = 504
  - 2011 = 2002
Plans for 2012

- Disking and grading of Ponds 3, A, and B
- Some re-grading of Pond 4
- Kettle work on Pond 6 to fix leak
- Possibly building another .25 acre pond (Pond7)
- Repair of main canal screen (completed)
THANKS

- CRIT
- USFWS
  - Willow Beach NFH
  - Dexter NFH & TC
  - Uvalde NFH
  - Parker AZCO
- USBR
- USBIA
- All Others
Questions