PFAS Reconnaissance Plan

- Phase I – Drinking Water
  - Ongoing- High Priority Wells

- Phase II - Fish and Waterfowl Tissue
  - Upgraded Priority
  - Sampling Plan under development

- Phase III- Industrial/Municipal, Biosolids, and other Sources
Phase I - Drinking Water Sources

- Investigate Presence and Potential Impact to Human Health
- Identified ~50 wells
- Non-detect for 25 PFAS
- Next Steps - Surface Sources

<table>
<thead>
<tr>
<th>System</th>
<th>Wells Sampled To Date</th>
<th>Remaining Wells</th>
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<td>GRANGER-HUNTER IMP. DISTRICT</td>
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<td><strong>Total</strong></td>
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Phase II- Fish and Waterfowl Tissue

Combination of PFAS and Hg Analysis

- Sampling Plan Under Development
- Collaboration with DWR
- Waterfowl - Focus on 2 Key Index Periods
  - Young of Year – PFAS and Hg
  - Hunting Season – Primarily for Hg
Collection Areas

• Waterfowl (10 species from each)
  • Farmington Bay
  • Bear River Bay
  • Ogden Bay
  • Box Elder

• Fish (3-5 Species from each)
  • Farmington Bay
  • Bear River Bay
  • Willard Spur
Objectives of Phase II Sampling

• Mercury
  • Update tissue consumption advisories for waterfowl from 2006
  • Establish new advisories for fish consumption

• PFAS
  • Initially intended to identify hotspots and sources
  • DWQ will work with DOH and WQHAP to develop tissue advisories if warranted
Questions?

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Draft Decision Flow Chart for PFAS Sampling Results in Drinking Water Wells

1. **Review Sample Results**
   - Results Above Detection?
     - NO: No Action
     - YES: Resample Well To Confirm Result

2. **Sample distribution system**
   - Work with DDW and HD Staff to determine risk and action
     - NO: Results Above Detection?
       - NO: Evaluate results against EPA HALs and ATSDR MRLs
         - EPA: 70 PPT PFOA + PFOS
         - ATSDR: PFOA: 78ppt (adult) and 21 ppt (child)
         - PFOS: 52 ppt (adult) and 14 ppt (child)
         - PFHxS: 517 ppt (adult) and 140 ppt (child)
         - PFNA: 78 ppt (adult) and 21 ppt (child)
     - YES: Take Action to Address Public Health Concerns