Kevin Conroy – Assistant Secretary of Plant Industries & Pest Management. Replaces Carol Holko after her retirement.

Brian Prendergast – MC Program Manager Replaces Michael Cantwell after his retirement. Joins MDA after serving as Entomologist in the U.S. Navy
Rainfall vs Species

Wet Spring

Ae. canadensis

Dry mid - Summer

Ae. albopictus

Wet/Warm End

Ae. vexans & Ps. columbiae
Bought & Set More BG’s Ever -- Zika

Thank You: Jay Kiser of VA
<table>
<thead>
<tr>
<th>Arbovirus Results</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WNV</strong></td>
</tr>
<tr>
<td>Cases: 6</td>
</tr>
<tr>
<td>Pools: 6</td>
</tr>
<tr>
<td><strong>EEE</strong></td>
</tr>
<tr>
<td>Cases: 0</td>
</tr>
<tr>
<td>Pools: 3</td>
</tr>
<tr>
<td><strong>Malaria</strong></td>
</tr>
<tr>
<td>2 cases: <em>purportedly</em> local transmission</td>
</tr>
<tr>
<td>Limited response due to limited info &gt; HIPAA</td>
</tr>
</tbody>
</table>
WNV 2015 – 2016

- **Humans:**
  - 45 in 2015
  - 6 in 2016

- **Pools:**
  - 33 in 2015
  - 6 in 2016
Zika

- As of January 11, 2017—161 imported / traveler cases.
- Maryland Department of Agriculture responded to 91 cases that occurred during active mosquito season.
- Response: door-to-door with Local Health Dept. within 1550 yard radius of patient’s residence:
  - Dump, Drain, Larvicide, Barrier Spray
- BG Trap within 150 yards of patient’s residence.
  - If 12+ Ae. albopictus, then ULV 300 yard radius ~ 5 acres
- Application Results: Applied ULV spray 9 times
  Applied barrier spray 14 times
NPDES Compliance
2.2.1
“Use larvicides as preferred pesticide”
OMWM Program: Repairing Amphibious Excavator
65+ Projects to do
160,324 Acres Treated from Airplane
Larvicide + Adulticide
THANK YOU