Solid Waste

- Public Health oversees Operations, Planning, Outreach and Enforcement.
- Public Health oversees closed landfills.
Air Quality

• Southwest Clean Air Agency (SWCAA) is lead for AQ permitting and open burning oversight.

• PH responds to indoor and outdoor air complaints (e.g. mold, odor, smoke). Refers SWCAA when appropriate.

• PH responds to Smoking in Public Place (SIPP) complaints.
On-Site Septic Systems (OSS)

- PH oversees permitting and operation & maintenance of septic systems (<3500 gal. per day).
- PH responds to complaints. Coordinates with PW, and sewer agencies for surface water releases.
Local Source Control

- Technical Assistance to small quantity generators to improve hazardous substance management and protect surface water impacts from stormwater.
- Both PW and PH implement this program, coordinating incorporated (PH) and unincorporated (PW) areas.
Vancouver Lake - Shared Stewardship

1. Public works monitors surface and storm water quality throughout the county
2. This includes waters discharging into Vancouver Lake (directly or via Lake River)
3. Water from these drainages can carry both nutrients and bacteria into Vancouver Lake
Sampling Locations - Public Works
Vancouver Lake Sampling Locations
- Public Health
**Memorandum of Understanding**

<table>
<thead>
<tr>
<th>Public Health - Swim Beach</th>
<th>Public Works - Parks</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Trains and deploys intern to collect samples &amp; deliver to lab for analysis</td>
<td>• Stores signage at each swim beach location;</td>
</tr>
<tr>
<td>• Receive sample results, tabulates, and coordinates when action is needed</td>
<td>• Pays cost for routine samples (every two weeks)</td>
</tr>
<tr>
<td>• If routine samples indicates health risk, conduct and cover costs for investigative samples</td>
<td>• Assists in posting warning signs and monitoring beaches</td>
</tr>
<tr>
<td>• Craft public messages and takes official action under the auspices of the Health Officer</td>
<td>• Ensures the cleanliness of swim beaches - restrooms, garbage pick up, etc.</td>
</tr>
</tbody>
</table>
Recent Partnering Example

- June 19 Public Inquiry - raw sewage in Klineline Pond
- Public Health Swim Safety Team conducted a site visit to assess the site and water quality
- Swim Beach Program Manager contacted the PW Clean Water Manager
  - Poor recent water quality from streams?
  - Reported/known spills from sewer or other source?
- Clean Water Manager contacted Clark Regional Wastewater District
- After some calls and site visits, there was not any evidence that raw sewage was in the pond
- Responded to the concerned citizen
### Whipple Creek
**Microbial Source Tracking (MST)-Project Phases**

<table>
<thead>
<tr>
<th>Phase 1</th>
<th>Identify types of fecal coliform present</th>
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</thead>
<tbody>
<tr>
<td>Phase 2</td>
<td>Identify source of coliform</td>
</tr>
<tr>
<td>Phase 3</td>
<td>Relay data to partner organization for follow-up (Health Department, Conservation District)</td>
</tr>
<tr>
<td>Phase 4</td>
<td>Monitor H₂O quality improvements over time</td>
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</tbody>
</table>
MST Project Justification

• Fecal coliform is 1 of 3 contaminants of most concern in waters of Clark County.

• 5,000 tax lots in WC watershed; 1,000 of these have septic systems.

• This data will also inform outreach programs (both PH and PW), by precisely identifying both source(s) and location in areas with high FC.
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