

The background of the slide is a light gray gradient. It is decorated with numerous realistic water droplets of various sizes. Some droplets are large and prominent, while others are small and subtle. They are scattered across the slide, with a higher concentration in the top-left and bottom-right corners. Each droplet has a highlight and a shadow, giving it a three-dimensional appearance.

Marine Recovery Areas (MRA's) and Local Management Areas (LMA's)



OBJECTIVE:

Identify areas and assign rank

Formulate recommendations for 2014 OSS Management Plan



• 2014 recommendations:

- **RECOMMENDATION:** Summit lake, which is used by many of its residents as their drinking water source, should be designated as a sensitive area. All wastewater disposal systems in the Summit Lake watershed should have required operational certificates to assure that routine inspections and maintenance is completed at least every three years.
- **RECOMMENDATION:** The 2008 plan recommended the creation of a sensitive areas workgroup to work with health department staff to evaluate the impact of OSS on water resources within prospective sensitive areas. Due to limited resources, this workgroup was not formed. This committee recommends formation of this workgroup who will need to refine the criteria used to identify sensitive areas. Staff and resources may be needed to investigate problem areas, perform field evaluations, conduct monitoring to verify problems and analyze monitoring and environmental data.

STATE LAW SAYS ...

- The health officer shall develop a written plan that will **provide guidance** to the local health jurisdiction regarding development and management activities for all OSS within the jurisdiction. The plan must specify how the local health jurisdiction will, among other things...



Identify any areas where OSS could pose an increased public health risk,
including ...

- Shellfish Protection Districts
 - Shellfish Growing Areas
 - Vulnerable Aquifers
 - Sole Source Aquifers
 - Area where nitrogen is designated as a contaminant of concern
 - Others



MARINE RECOVERY AREAS - MRA

Marine recovery areas must be designated when the health officer determines that OSS are a *significant factor contributing to concerns*


- associated with the degradation of shellfish growing areas
- marine waters listed for low dissolved oxygen
- marine waters listed for contamination with fecal coliform
- where nitrogen has been identified as a contaminant of concern

TOTTEN INLET

- Shellfish Growing Areas? ☐ Yes ☐ No
- Marine Low Dissolved Oxygen? ☐ Yes ☐ No
- Marine Fecal Coliform? ☐ Yes ☐ No
- Nitrogen Contamination? ☐ Yes ☐ No




ELD INLET

- Shellfish Growing Areas? ☐ Yes ☐ No
 - Marine Low Dissolved Oxygen? ☐ Yes ☐ No
 - Marine Fecal Coliform? ☐ Yes ☐ No
 - Nitrogen Contamination? ☐ Yes ☐ No
- 



BUDD INLET

- Shellfish Growing Areas? ☐ Yes ☐ No
 - Marine Low Dissolved Oxygen? ☐ Yes ☐ No
 - Marine Fecal Coliform? ☐ Yes ☐ No
 - Nitrogen Contamination? ☐ Yes ☐ No
- 

DANA PASSAGE

- Shellfish Growing Areas? ☐ Yes ☐ No
- Marine Low Dissolved Oxygen? ☐ Yes ☐ No
- Marine Fecal Coliform? ☐ Yes ☐ No
- Nitrogen Contamination? ☐ Yes ☐ No

LOCAL MANAGEMENT AREAS (LMP) / SENSITIVE AREAS

Areas posing increased public health risk can be designated when the health officer determines that OSS are a *significant factor contributing to concerns associated with*

- | | | |
|--|------------------------------|-----------------------------|
| • Elevated Nitrates In Ground Water | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Surface Water Used As Drinking Water | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Aquifer Sensitive Area | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Sole Source Aquifer | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Urban Density / Effluent Volume | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Loss Of OSS Repair Area | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

[illegible]