

## **Siuslaw Estuary Partnership**

### ***An Integrated Multiple Objective Approach To Watershed Protection and Restoration***

#### **Potential Management Strategies to Protect Drinking Water Source Areas and the North Florence Sole Source Dunal Aquifer Technical Advisory Committee Draft 2/1/12**

The following Potential Management Strategies were drafted by the Technical Advisory Committee for presentation and discussion at the February 15, 2012 Meeting of Stakeholders for the Aquifer Protection Plan and the Siuslaw Estuary Partnership.

#### **1. Drinking Water Protection Overlay Zone**

- a. restricts the use of certain hazardous chemicals in the Drinking Water Source Area (DWSA), also called "Time of Travel Zones (TOTZ) for wellfields;" most stringent in 1 year TOTZ (see map)
- b. applies to commercial and industrial properties; does not apply to residential properties
- c. administered by the City; in cooperation with Lane County (for areas outside City inside urban growth boundary)
- d. City can use Business License application and renewal process by adding questions on use of chemicals

#### **2. Comprehensive Plan policies and designations**

- a. Require advanced septic systems to better control for nitrates in the TOTZs, where properties cannot be hooked up to City sewer service
- b. Provide guidance for transfer of development rights for properties in TOTZs
- c. Change Plan designations of properties in TOTZs
- d. Coordinate with Lane County to co-adopt policies that apply outside city limits

#### **3. City and County Code Requirements**

- a. City to require advanced septic systems to better control for nitrates in the TOTZs, where properties cannot be hooked up to City sewer service; work with Lane County to change County Code to adopt requirement
- b. Specify criteria and standards for transfer of development rights in City Code and work with County to adopt similar standards
- c. City to change zoning of properties in TOTZs and work with Lane County to change County Code

#### **4. Public Education (aquifer-wide) and for property owners in TOTZ**

- a. Develop, or use existing, educational materials (flyers, brochures, newsletters, etc.)
- b. Distribute educational materials through permit process, at City counters, in bill stuffers
- c. Groundwater Guardians
- d. Other

- 5. Partner with Siuslaw Watershed Council and DEQ**
  - a. to include in their school program information on the aquifer, Drinking Water Source Areas, and Management Strategies
- 6. Adopt Emergency Response Policy with communication protocol**
- 7. Partner with Lane County's Hazardous Waste Events**
  - a. Use bill stuffers to get the word out about the events
- 8. Oregon Health Authority**
  - a. After Potential Contaminant Source Inventory is done, OHA will use its "Best Management Practices Generator" through GIS to provide a list of BMPS based on the PCSI
- 9. Annual Green Fair, Florence**
- 10. Work with Realtors**
  - a. Provide them information on the aquifer and the DWSA to show prospective buyers
  - b. Realtors can get credits through Realtor Training Board
  - c. Tie in with information on wetlands and riparian areas
- 11. Obtain, and make available to the public, county-wide educational materials**
- 12. Work with the Siuslaw High School Environmental Class and continue to work with the Siuslaw Middle School's Environmental Class**
- 13. Use and promote tools already available, such as DEQ educational programs and materials and technical assistance.**
- 14. Install signs in key places, e.g., fish on drains, to educate about the DWSAs and the aquifer**