

# Kennels and Protecting Water Quality

## Kennel wastewater and water quality

Wastewater from kennels can contain bacteria, disinfectants, detergents and nutrients. The bacteria found in animal waste can increase the risk of waterborne disease, and nutrients can deplete dissolved oxygen in streams, leaving less oxygen for fish. Without careful planning, this wastewater has the potential to leave the property and create a water quality problem.

## Kennel Wastewater Regulation

Permits may be required for any discharge of wastewater generated in the daily operation of a kennel, including wastewater that may be relatively clean. Wastewater may be managed in a variety of ways including land irrigation, evaporative ponds or holding tank. Discharge to surface water or groundwater is not allowed.



## Who to contact

The Oregon Department of Agriculture is responsible for regulating wastewater from kennel operations. Contact ODA to learn about permit requirements and options for managing kennel wastewater. ODA allows the reuse of certain wastewater for irrigation purposes under a Confined Animal Feeding Operation permit.

## Wastewater Management Plan

ODA will work with a kennel owner to develop an animal waste management plan for proper management and land application of wastewater. An animal waste management plan will include some basic information such as the amount of wastewater produced, and also include management practices to minimize the amount of wastewater generated.

## Septic

Septic systems designed for bathroom and sink wastes from homes and businesses (e.g. domestic sewage) require a separate Department of Environmental Quality permit.

A kennel owner currently using an approved on-site septic system for disposal of kennel wastewater may continue using the installed on-

site system as long as it continues to function properly. If the onsite septic system fails by surfacing or discharging to surface water, a kennel owner must work with ODA to properly manage wastewater generated from their kennel operation.

Store wastewater in a holding tank and either use the wastewater to

- irrigate if there is enough land or
- use a hauler to remove the wastewater.

Kennel owners may also hire a hauler to remove kennel wastewater for irrigation off-site or to take it to licensed sewage disposal facility.

A licensed septage hauler may transport kennel wastewater but the hauler must first receive approval from DEQ to pump non-septage waste.

## Cost of a permit

The cost of registering under a CAFO general permit is \$50 for the application fee, plus an annual \$100 compliance fee.

## More information is available

For more information, contact the ODA livestock water quality specialist in your area. Use the map on the next page to determine the ODA contact in your area.

## Alternative formats

Alternative formats of this document can be made available. For more information call 503-229-5696, Portland, or call toll-free in Oregon at 1-800-452-4011, ext. 5696. Hearing-impaired persons may call 711.



**Oregon**  
Department  
of Agriculture

## Natural Resources and Pesticides Division

635 Capitol St. NE  
Salem, OR 97301-2532  
Phone: (503) 986-4792  
Fax: (503) 986-4730  
Contact: Wym Matthews  
[www.oregon.gov/ODA](http://www.oregon.gov/ODA)



State of Oregon  
Department of  
Environmental  
Quality

## Water Quality Permitting and Program Development

811 SW 6<sup>th</sup> Avenue  
Portland, OR 97204  
Phone: 503-229-6402  
800-452-4011  
Fax: 503-229-6037  
Contact: Beth Moore  
[www.oregon.gov/DEQ](http://www.oregon.gov/DEQ)

## Onsite Wastewater Management Program

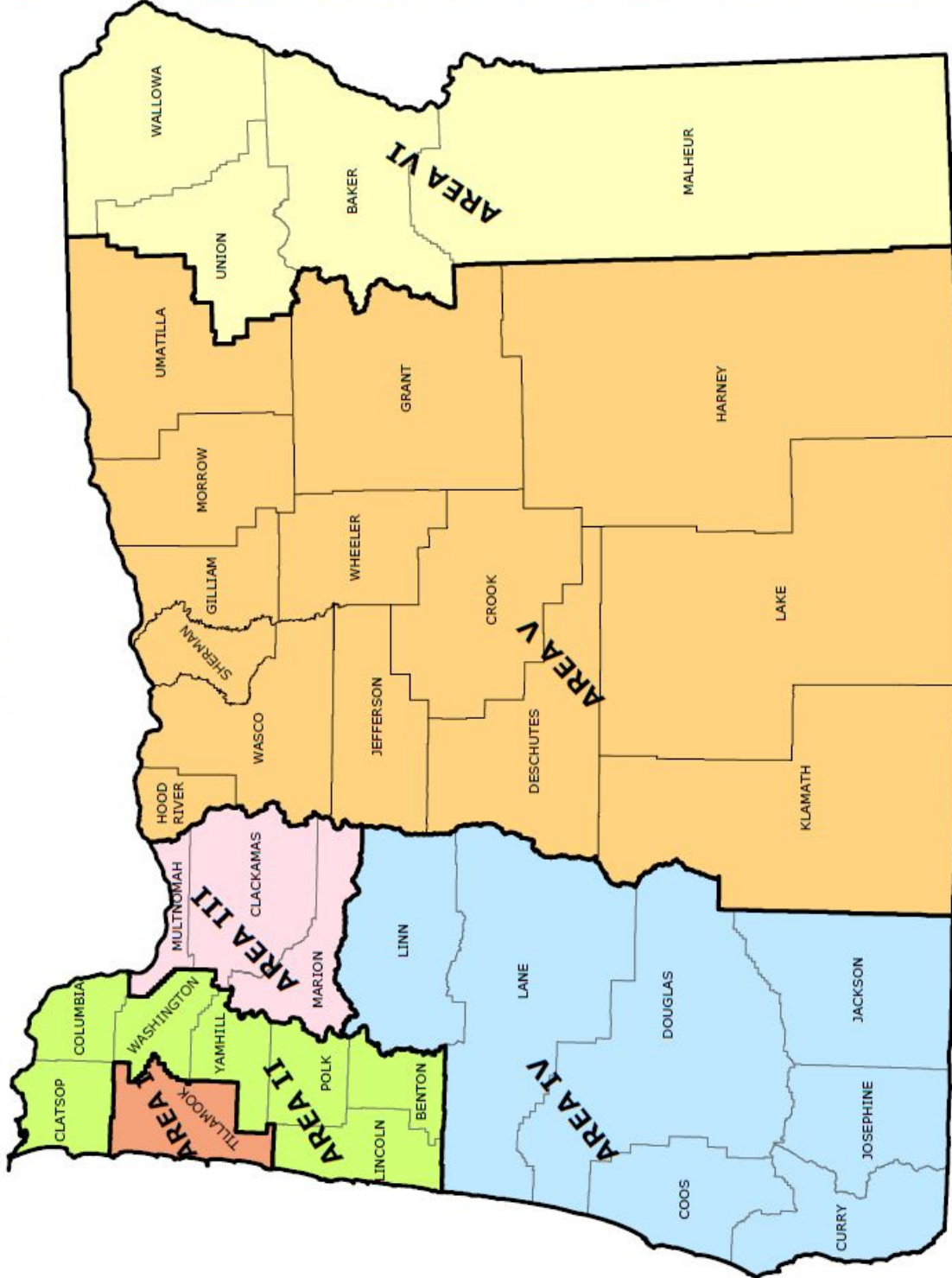
165 East 7th Avenue,  
Suite 100  
Eugene, OR 97401  
Contact: Randy Trox  
541-687-7338

# CAFO Geographic Boundaries

**CAFO Program Manager**  
 Wym Matthews  
 (503) 986-4792  
 wmatthews@oda.state.or.us

## Livestock Water Quality Specialists

- Area I** (Orange) Armando Macias  
 (503) 842-6278  
 cell: (503) 801-1630  
 amacias@oda.state.or.us
- Area II** (Light Green) Charlene Troost  
 (503) 986-4780  
 cell: (503) 931-7778  
 ctroost@oda.state.or.us
- Area III** (Pink) Ben Krahn  
 (503) 986-6468  
 cell: (503) 510-8213  
 bkrahn@oda.state.or.us
- Area IV** (Light Blue) Chris Anderson  
 (541) 673-0805  
 cell: (541) 660-9611  
 canderson@oda.state.or.us
- Area V** (Light Orange) Kevin Coughlin  
 cell: (541) 969-6679  
 kcoughlin@oda.state.or.us
- Area VI** (Light Yellow) Hilary Collinsworth  
 cell: (541) 881-6020  
 hcollingsworth@oda.state.or.us



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Prepared By: dwisher  
 Date Saved: 2/22/2016  
 Date Printed: 2/22/2016  
 Scale: 1:3,000,000  
 Projection: COGCRUSAES2  
 Path: V:\ISSUES\CAFO\BoundaryMap.mxd

