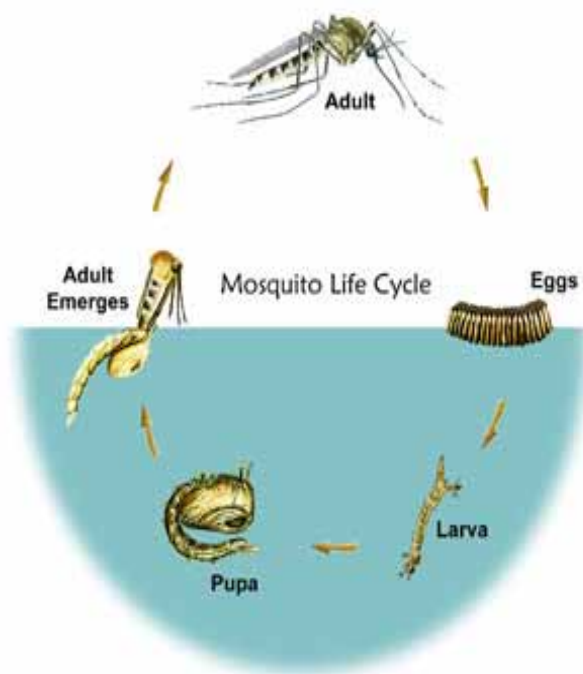


Washington State's
West Nile Virus Resource Guide

2009



Quick Contacts

Stormwater Management	Department of Ecology	360.407.6438
Surveillance Information		
Dead Bird	Department of Health	360.236.3064
Human	Department of Health	206.418.5500
Mosquito	Department of Health	360.236.3064
Horse	Department of Agriculture	360.902.1878
Pesticide Information		
Aquatic NPDES Permit	Department of Ecology, HQ	360.407.6283
	Central Regional Office	509.575.2807
	Eastern Regional Office	509.329.3515
	Northwest Regional Office	425.649.7288
	Southwest Regional Office	360.407.0245
NPDES Mosquito Control Permit	Department of Health	360.236.3064
Licensing	Department of Agriculture	360.902.2049
Registration	Department of Agriculture	360.902.1972
Compliance	Department of Agriculture	360.902.2036
Wildlife Disease	Department of Fish and Wildlife	
	Statewide	509.892.1001

The Resource Guide was prepared by the Washington State Department of Health and following state agencies:

Department of Agriculture
 Department of Ecology
 Department of Fish and Wildlife
 Department of Transportation
 Parks and Recreation Commission
 Washington State University

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Purpose of Resource Guide

Washington State's West Nile Virus Resource Guide will help agencies coordinate activities that protect people and animals from mosquito-borne disease, including West Nile virus. Agencies and individuals at state, regional, and local levels who have roles in controlling mosquitoes, preventing disease, and responding to health threats are listed along with key contacts. Each listing also contains a summary of responsibilities and activities of that agency.

For more information on mosquitoes and West Nile virus, reference Web sites are listed for local, regional, state, and national agencies.

This effort is a result of the emergence of West Nile virus as a threat to the health of animals and humans in Washington. The first appearance of the potentially deadly virus in the United States was in New York in 1999. The disease has spread steadily west since then.

Since 1999, the Centers for Disease Control and Prevention have reported over 28,900 human cases of the West Nile virus in the United States, resulting in over 1,100 deaths. West Nile virus activity (evidence of infection in birds, humans, mosquitoes, and other animals – primarily horses) has now been documented in 48 states and the District of Columbia.

In 2008, the West Nile virus season proved to be the most active since the initiation of West Nile virus surveillance in Washington in 2001. Three West Nile virus human infections acquired in-state were reported, one King County and two Yakima County residents. In addition, a West Nile infection in a King County resident was identified during routine screening following blood donation. The blood donor had traveled through eastern Washington and into Oregon during the likely exposure period.

West Nile virus infections were detected in 41 horses, 24 birds, and 57 mosquito samples from eight counties. The majority of the West Nile virus activity was concentrated in central eastern Washington, primarily in Yakima County where 26 horses, 5 birds, and 41 mosquito samples tested positive for the virus. For the first time, West Nile virus activity was identified in Benton, Grant, and Kittitas counties. From these counties, 15 horses, 11 birds, and 16 mosquito samples tested positive. In western Washington, the virus was detected in eight birds from King, Lewis, Pierce, and Thurston counties.

This guide is available on the Web at www.doh.wa.gov/ehp/ts/zoo/wnv/resourceguide.pdf. You may request printed copies by calling 360.236.3385 or by emailing zd@doh.wa.gov.

Washington State Agencies

Department of Health

The Department of Health is the lead agency in the state for human mosquito-borne disease surveillance and response.

Responsibilities and Activities

Disease surveillance. Manage the statewide West Nile virus surveillance program, which includes surveillance for mosquitoes, dead birds, and human cases. Implement the statewide *Guidance for Surveillance, Prevention, and Control of Mosquito-borne Disease* (available at www.doh.wa.gov/ehp/ts/Zoo/WNV/guidance.pdf) in cooperation with local and state partners, including local health jurisdictions, mosquito control districts, and other state and federal agencies. Provide laboratory services for analysis of specimens.

Training and technical assistance. Develop and provide training and technical assistance for local health jurisdictions, veterinarians, and the public on transmission, prevention, control, and epidemiology of mosquito-borne diseases in humans. Conduct training that helps local health agencies conduct mosquito-borne disease response and prevention programs.

Information and education. Maintain data on mosquito surveillance and species in Washington, including geographic distribution and habitats. Develop and distribute educational materials, including general presentations on West Nile virus and surveillance programs as well as prevention and control information. Provide information on human health risks associated with the use of mosquito control compounds. Maintain a Web site that provides access to information for public health professionals, medical practitioners, and the general public. Maintain a toll-free telephone line with information on reported cases, modes of disease transmission, risks, and preventive measures.

Mosquito control. In coordination with the Department of Ecology, extend coverage of our Aquatic Mosquito Control National Pollutant Discharge Elimination System (NPDES) General Permit to local governments and other qualified entities to control mosquito larvae in waters of the state.

Department of Health Contacts

Environmental Health

Gregg Grunenfelder, Assistant Secretary, Environmental Health Division
360.236.3050
gregg.grunenfelder@doh.wa.gov

Nancy Napolilli, Director, Environmental Health and Safety Office
360.236.3325
nancy.napolilli@doh.wa.gov

Dr. Liz Dykstra, Acting Manager, Zoonotic Disease Program
Public Health Entomologist
360.236.3388
elizabeth.dykstra@doh.wa.gov

Jo Marie Brauner, Mosquito and Bird Surveillance Coordinator and NPDES Permits
360.236.3064
jomarie.brauner@doh.wa.gov

Dr. Ron Wohrle, Environmental Health Veterinarian, Equine Surveillance
360.236.3369
ron.wohrle@doh.wa.gov

Communicable Disease Epidemiology

Dr. Marcia Goldoft, Medical Epidemiologist
206.418.5500
marcia.goldoft@doh.wa.gov

Nicola Marsden-Haug, Epidemiologist
206.418.5500
nicola.marsden-haug@doh.wa.gov

For human disease surveillance, assistance to local health on investigation of human West Nile virus infections, and laboratory testing.

Media

Tim Church, Communications Office
360.236.4077
tim.church@doh.wa.gov

Donn Moyer, Communications Office
360.236.4076
donn.moyer@doh.wa.gov

West Nile Virus Information Lines

Toll-free 1.866.78VIRUS or 1.866.788.4787
CDC (TTY) 1.866.874.2646

Department of Agriculture

Responsibilities and Activities

State Veterinarian. Issue permits for the sale and distribution of veterinary biologics, including fully licensed West Nile virus equine vaccines available through licensed veterinarians. Enforce the animal disease reporting required of veterinarians, veterinary laboratories, and others. Keep statistics on incidence of West Nile virus cases in horses. Maintain the animal health Web site, including weekly updates. Issue news releases on equine cases in each county and provide information to large animal veterinarians.

Pesticide Management. Ensure that pesticides are used safely and legally.

Licensing. Administer pesticide license and recertification program. Provide training and outreach to licensed applicators and others who use pesticides. For further information go to: <http://agr.wa.gov/pestfert/licensing/default.htm> or call the toll-free number below.

Registration. Register pesticide products. Manage labeling and registration of pesticides. Issue experimental use permits for new pesticides or uses. Address the potential impact of pesticides on threatened and endangered species. Work with mosquito control districts to ensure that best management practices are effective and available to other districts. Provide technical assistance on biopesticides (microbial and biochemical pesticides).

Compliance. Enforce compliance with pesticide laws and rules to protect people and the environment from pesticide exposure. Investigate complaints of possible misuse. Determine if pesticides are being stored, applied, disposed, transported, and distributed in accordance with state and federal regulations.

Department of Agriculture Contacts

State Veterinarian

Dr. Leonard Eldridge
360.902.1878
ahealth@agr.wa.gov

Pesticide Management Licensing

Pesticide Licensing
1.877.301.4555 Toll-free
license@agr.wa.gov

Margaret Tucker, Licensing Program Manager
360.902.2015
mtucker@agr.wa.gov

Registration

Steve L. Foss, Biopesticide Specialist/Ecommerce Business Coordinator
360.902.2049
sfoss@agr.wa.gov

Compliance

Cliff Weed, Program Manager, Compliance
360.902.2036
cweed@agr.wa.gov

Public Information Office

Jason Kelly, Public Information Officer
360.902.1815
jkelly@agr.wa.gov

Mike Louisell, Public Information Officer
360.902.1813
mlouisell@agr.wa.gov

Department of Fish and Wildlife

Responsibilities and Activities

Manage populations of all wildlife species. Share responsibility with the U.S. Fish and Wildlife Service in the management of migratory birds and threatened and endangered species. Address concerns with potential impacts of West Nile virus on bird populations and effects of mosquito-control pesticides on wildlife populations. Provide baseline data for wildlife species, monitor of certain wildlife species, and identify species that might be affected by mosquito control operations. Communicate with the Department of Health to obtain records of infected birds and other wildlife as they are documented. Receive reports of sick or dead birds or mammals. Coordinate with state and local health departments on collection of samples. Provide information and regular updates on affected species.

Department of Fish and Wildlife Contacts

Primary

Dr. Kristin Mansfield, Wildlife Veterinarian
509.892.1001
509.998.2023 Cell
mansfkgm@dfw.wa.gov

Secondary

Rocky Beach, Wildlife Diversity Division Manager
360.902.2510
beachrjb@dfw.wa.gov

Media

Marian Snyder, PIO
360.902.2262
marian.snyder@dfw.wa.gov

Department of Ecology

Responsibilities and Activities

Aquatic pesticide permits. Issue Clean Water Act waste discharge permits covering all mosquito control activities that inject or discharge insecticides directly into surface waters of the state. Prepare technical assistance materials, conduct workshops, meet with county governments and others who are planning control activities.

Ecology has approved the Department of Health for an umbrella mosquito control permit for all aquatic mosquito control operations. The Department of Health will extend coverage to qualified individuals and organizations conducting mosquito control operations statewide.

Getting coverage under the Department of Health permit has advantages. The permit fee is covered and the Department of Health has conducted a statewide SEPA review, so those who seek coverage under their permit will be relieved of those duties.

To view the permit and apply for coverage through DOH:
<http://www.doh.wa.gov/ehp/ts/zoo/wnv/permit.html>

To obtain individual coverage, you must call your local Ecology office.
<http://www.ecy.wa.gov/programs/wq/pesticides/contacts.html>

Best practices for mosquito control. Ecology has created a document called *Best Management Practices for Mosquito Control* (available at www.ecy.wa.gov/biblio/0310023.html) that outlines integrated pest management scenarios for all levels of mosquito control activities that may include the use of pesticides in water.

Stormwater. Develop best management practices for stormwater management, including guidance to reduce mosquito propagation in ponds and other stormwater facilities.

Information for pesticide applicators. Provide information through focus sheets, fact sheets, permit documents, and environmental impact information on many of the insecticides used for mosquito control.

Department of Ecology Contacts

Primary

Jon Jennings, Water Quality Program
360.407.6283
joje461@ecy.wa.gov

Pesticide Permits

Ray Latham, Central Regional Office
509.575.2807
rlat461@ecy.wa.gov

Tricia Shoblom, Northwest Regional Office
425.649.7288
tsho461@ecy.wa.gov

Deborah Cornett, Southwest Regional Office
360.407.7269
dcor461@ecy.wa.gov

Stormwater

Ed O'Brien, Stormwater Engineer, Water Quality Program
360.407.6438
eob461@ecy.wa.gov

Media

Sandy Howard, Water Quality Program
360.407.6408
srud461@ecy.wa.gov

Parks and Recreation Commission

Responsibilities and Activities

Help protect the health and safety of park visitors and employees in state parks. May apply appropriate insect management controls. Include West Nile virus as an element of infectious disease prevention training for employees. Post public health notices on park lands. Educate the public through the Internet, news releases, posters, and pamphlets. Educate State Park employees using the sourcebook.

Parks and Recreation Commission Contacts

Employee Health and Safety

Greg Yi, Industrial Hygienist
360.902.8567
greg.yi@parks.wa.gov

Public Affairs

Virginia Painter, Public Affairs Administrator
360.902.8562
virginia.painter@parks.wa.gov

Stewardship Service Center

Robert Fimbel
360.902.8592
robert.fimbel@parks.wa.gov

Washington State University

Responsibilities and Activities

WSU Extension conducts the University's county-based outreach to people and communities throughout the state. Its role in addressing West Nile virus is to help people and communities prepare for and respond appropriately to this disease. WSU Extension offers education programs on mosquito control around the home and garden, personal protection from mosquitoes, protecting horses from West Nile virus, preserving water quality and aquatic ecosystems, and pesticide use and pesticide applicator training. WSU Extension provides a gateway to information on West Nile virus through its county offices and through several of its Web sites:

West Nile Virus: <http://wnv.wsu.edu>
Pesticide Education: <http://pep.wsu.edu>
Local County Extension Offices: <http://ext.wsu.edu/locations>

WSU Extension Contact

Tom Platt, Area Extension Educator
509.725.4171
plattom@wsu.edu

Responsibilities and Activities

WSU Department of Veterinary Clinical Sciences is committed to excellence in diagnosis, treatment, and management of clinical problems through the use of the most sophisticated diagnostic and therapeutic technology. Equine veterinary specialists with expertise in WNV are listed below.

WSU Veterinary Clinical Sciences Contacts

Dr. Debra Sellon
335-0733
dsellon@vetmed.wsu.edu

Dr. Kathy Seino
335-0711
kseino@vetmed.wsu.edu

WADDL is listed under Laboratory Services on page 13.

Department of Transportation

Responsibilities and Activities

Maintain water quality and quantity treatment facilities located on the Department of Transportation right-of-way. Address West Nile virus by controlling larvae of West Nile virus vector mosquitoes located in these stormwater facilities. The Department of Transportation Highway Maintenance, West Nile virus Web page:
<http://www.wsdot.wa.gov/maintenance/westnilevirus/default.htm>

Department of Transportation Contacts

Norman Payton, Stormwater and Hazardous Materials Manager
360.705.7848
paytonn@wsdot.wa.gov

Doug Pierce, Operations and Environmental Manager
360.705.7812
pierced@wsdot.wa.gov

Public Information Office

Alice Fiman, Public Information Officer, Maintenance and Operations Division
360.705.7080 Office
360.789.4035 Cell
fimana@wsdot.wa.gov

Department of General Administration

Responsibilities and Activities

Manage state properties and facilities including lakes, ponds, and stormwater facilities. Provide training and educational materials on West Nile virus to agency employees and users of General Administration managed facilities.

Department of General Administration Contact

Mark Robb, Technical Support Supervisor
360.902.0927
mrobb@ga.wa.gov

Department of Natural Resources

Department of Natural Resources Contact

Gary Kessler
360.902.1133
gary.kessler@dnr.wa.gov

Federal Agencies

U.S. National Park Service Contact

John Leffel, Public Health Consultant
206.220.4270
john_leffel@partner.nps.gov

U.S. Fish and Wildlife Service Contacts

Jay Davis, Environmental Toxicologist, Washington Fish & Wildlife Office, Lacey
360.753.9568
jay_davis@fws.gov

Toni Davidson, Fish and Wildlife Biologist, Upper Columbia Fish & Wildlife Office, Spokane
509.891.6839
toni_davidson@fws.gov

U.S. National Forest Service Contacts

Dale L. Hom, Forest Supervisor, Olympic National Forest
360.956.2301
dlhom@fs.fed.us

Becki Heath, Forest Supervisor, Okanogan-Wenatchee National Forest
509.664.9200
bheath@fs.fed.us

U.S. Army Corps of Engineers Contact

Public Affairs Office
509.527.7020
cenww-pa@usace.army.mil or www.nww.usace.army.mil

U.S. Bureau of Land Management Contact

Sally Sovey
509.536.1264

Laboratory Resources

Center for Vectorborne Diseases, Arbovirus Laboratory, University of California, Davis

Responsibilities and Activities

The Center for Vectorborne Diseases serves as diagnostic center testing pools of mosquitoes and other specimens for West Nile virus as well as western equine encephalomyelitis and St. Louis encephalitis viruses. Specimens are tested on a fee for service basis for viral RNA using a multiplex RT-PCR system with a TaqMan platform. The Center for Vectorborne Diseases also tests mosquito pools and dead bird specimens from the State of California and other collaborating agencies. Web-based data management systems are available to enhance reporting, analysis, and visualization of results.

William K. Reisen, PhD, Principle Investigator
530.752.0124
wkreisen@ucdavis.edu

Ying Fang, Laboratory Manager
530.754.6086
ylfang@ucdavis.edu

Bborie Park, Programmer
bkpark@ucdavis.edu

Washington Animal Disease Diagnostic Laboratory

Responsibilities and Activities

Washington State University Washington Animal Disease Diagnostic Laboratory (WADDL) serves as a reference and consulting source for practicing veterinarians, other health professionals, and animal owners. WADDL provides testing for West Nile virus in all species, including horses and birds, using serology and real-time PCR, complete necropsy service for suspect animal cases, and serves as a referral laboratory for West Nile virus confirmation in all species of animals. WADDL provides West Nile virus testing for the Department of Health dead bird surveillance networks (through an interagency agreement) and West Nile virus testing of other wild birds and mammals on a fee for service basis. WADDL is fully accredited by the American Association of Veterinary Laboratory Diagnosticians and maintains full membership in the National Animal Health Laboratory Network of the USDA and the Laboratory Response Network of the CDC. WSU-WADDL user guide and fee schedule is available at http://www.vetmed.wsu.edu/depts_waddl.

Terry F. McElwain, D.V.M., Ph.D., Executive Director
509.335.9696
tfm@vetmed.wsu.edu

Tim Baszler, D.V.M., Ph.D., Director
509.335.6047
baszlert@vetmed.wsu.edu

Local and Regional Agencies

Local Health Departments and Districts

Responsibilities and Activities

Conduct larval and adult mosquito surveillance, dead bird surveillance, human and horse case surveillance, and public information and education campaigns.

Identify organizations with mosquito control capabilities within the jurisdiction and determine if adequate capability exists, particularly in areas with known vectors or a history of mosquito-borne disease.

Local Health Jurisdiction West Nile Virus Surveillance Contacts

Adams County Health Department

Brent Stenson
509.659.3321
brents@co.adams.wa.us

Asotin County Health District

Juan Caballero
509.758.3344
jcaballero@co.asotin.wa.us

Benton-Franklin Health District

Bruce Perkins or Susan Shelton
509.460.4311 or 509.460.4323
brucep@bfhd.wa.gov or
susans@bfhd.wa.gov

Chelan-Douglas Health District

Marc Marquis
509.886.6483
marquis@cdhd.wa.gov

Clallam County Department of Health

Andy Bradstad
360.417.2258
abrastad@co.clallam.wa.us

Clark County Health Department

Joanne Roberts
360.397.8444
joanne.roberts@clark.wa.gov
Brigette Bashaw
360.397.8428 x7273
brigette.bashaw@clark.wa.gov
Suzanne Blair
360.397.8428 x7285
suzanne.blair@clark.wa.gov

Columbia County Public Health District

John Skyles
509.382.2181
john_skyles@co.columbia.wa.us

Cowlitz County Health Department

Audrey Shaver
360.414.5592
shavera@co.cowlitz.wa.us

Garfield County Health District

Leta Travis
509.843.3412
ltravis@co.garfield.wa.us

Grant County Public Health District

Jerry Campbell
509.754.6060
jcampbell@granthealth.org
Amber McCoy
509.754.6060
amccoy@granthealth.org

Grays Harbor County Public Health and Social Services Department

Lisa Leitz
360.532.8631 x254
lleitz@co.grays-harbor.wa.us

Jeff Nelson
360.249.4413
jnelson@co.grays-harbor.wa.us

Island County Public Health Department

Erica Martell
360.679.7916
e.martell@co.island.wa.us

Jefferson County Public Health

Jean Baldwin
360.385.9408
jbaldwin@co.jefferson.wa.us

Kitsap County Health District

Keith Grellner
360.337.5284
grellk@health.co.kitsap.wa.us

Kittitas County Public Health

Melissa Schumaier
509.962.7009
melissa.schumaier@co.kittitas.wa.us

Klickitat County Public Health

Kevin Barry
509.773.2366
kevinb@co.klickitat.wa.us

Lewis County Public Health

Steve Garrett
360.740.1233
steve.garrett@lewiscounty.wa.gov

Lincoln County Health Department

Ed Dzedzy
509.725.9213 x24
edzedzy@co.lincoln.wa.us

Mason County Health Department

Debbie Riley
360.427.9670 x358
dlr@co.mason.wa.us

**Northeast Tri County Health District
(Ferry, Stevens & Pend Oreille Counties)**

James D. Matsuyama
509.684.2262
jmatsuyama@netchd.org

Okanogan County Public Health

Dave Hilton
509.422.7140
dhilton@co.okanogan.wa.us

**Pacific County Public Health and Human
Services Department**

Faith Taylor-Eldred
360.875.9356
ftaylor@co.pacific.wa.us

Public Health, Seattle-King County

Sharon Hopkins
206.263.8454
sharon.hopkins@kingcounty.gov

**San Juan County Department of Health
and Community Services**

Mark Tompkins
360.378.4474
markt@co.san-juan.wa.us

Skagit County Public Health

Matthew Kaufman
360.336.9380
mattk@co.skagit.wa.us

**Skamania County Community
Development Department**

Karen Witherspoon
509.427.3900
witherspoon@co.skamania.wa.us

Snohomish Health District

Randy Darst
425.339.5250
rdarst@shd.snohomish.wa.gov

Spokane Regional Health District

Tricia McClure
509.324.1583
tmccclure@spokanecounty.org

**Tacoma-Pierce County Health
Department**

Nedda Turner
253.798.6462
nturner@tpchd.org

**Thurston County Public Health and
Social Services Department**

Sammy Berg
360.786.5581 x17051
bergs@co.thurston.wa.us

**Wahkiakum County Department of
Health and Human Services**

Matthew John
360.795.6207
johnm@co.wahkiakum.wa.us

Walla Walla County Health Department

Barry Jenkins
509.524.2653
bjenkins@co.walla-walla.wa.us

Whatcom County Health Department

Joshua Leinbach
360.676.6724 x50820
jleinbac@co.whatcom.wa.us

Lee Phipps
360.676.6724 x50834
lphipps@co.whatcom.wa.us

**Whitman County Department of
Public Health**

John Skyles
509.397.6280
johns@co.whitman.wa.us

Yakima Health District

Gordon Kelly
509.249.6507
gordon.kelly@co.yakima.wa.us

Mosquito Control Districts

Responsibilities and activities

Provide larval and adult mosquito control in area of responsibility. Collect and identify mosquitoes and report new species identified to state and local health officials. Map mosquito habitat and location of vector species. Participate in dead bird surveillance.

Provide expertise and training to public health officials on mosquito related issues including surveillance and control methods. Serve on local and state advisory groups.

Contacts

Adams County Mosquito Control

Tom Haworth
PO Box 262
Othello, WA 99344
509.488.2661 office
509.488.2143 fax
acmcd@qwestoffice.net

Benton County Mosquito Control District

Angela Balint
4951 West Van Giesen Street
West Richland, WA 99353
509.967.2414 office
509.967.2490 fax
angela@mosquitocontrol.org

Camano Island Mosquito Control District #1

Jay Lawrence
370 North E Camano Drive Ste 5 #156
Camano Island, WA 98282
360.387.8705 office
cimcd@wavecable.com

Clark County Mosquito Control District

Steve Kessler
PO Box 9825
Vancouver, WA 98668
360.574.7906 office
360.573.1921 fax
ccmcd@pacifier.com

Columbia Mosquito Control District

David Ensunsa
PO Box 297
Burbank, WA 99323
509.547.4994 office
509.547.5405 fax
cmcd@charterinternet.com

Cowlitz County Mosquito Control District

Del Gilkerson
PO Box 1261
Longview, WA 98632
360.423.5311 office
360.751.2231 cell
cowmo@cni.net

Curlew Mosquito Control District

Lorna Johnson
PO Box 51
Curlew, WA 99118
509.779.4445 office
DnL@pwi.net

Franklin County Mosquito Control District

Brian Benner
2601 North Capitol Avenue
Pasco, WA 99301
509.545.4083 office
509.545.4839 fax
bwbenner@fcmcd.org

Grant County Mosquito Control District #1

Dan Couture
735 Edgewater
Moses Lake, WA 98837
509.765.7731 office
509.766.9005 fax
gcmcd@nwi.net

Grant County Mosquito Control District #2

Tim Whittaker
PO Box 36
Electric City, WA 99123
509.631.1462 office
509.631.1056 cell
catcher1188@yahoo.com

**Grant County Mosquito District #3
South Banks Lake**

Kevin Goetz
Route 1 Box 17D
Coulee City, WA 99115
509.632.5930 office
cannawairanches@centurytel.net

Inter-Local Mosquito Control District

PO Box 130
Latah, WA 99310
509.286.3471 office
latahtown@aol.com

Leavenworth Mosquito Control District

Jenny Mullins
PO Box 34
Leavenworth, WA 98826
509.548.3316 office
info@leavenworthmosquitodistrict.com

Skamania Mosquito Control District

Nels Madsen
22 Farnsworth Road
Skamania WA 98648
509.427.8055 office
509.427.8055 fax
madsen2@gorge.net

**Touchet – Lowden Mosquito Control
District**

Darren Goble
944 Woodward Canyon Road
Touchet, WA 99360
509.529.6803 office
509.529.1047 cell
darrengoble@pocketinet.com

**Yakima County Mosquito Control
District**

Al Hubert
6 South 2nd Street, Suite 910
Yakima, WA 98901
509.452.1890 office
509.966.2314 home
aahubert2000@yahoo.com

Tribal Governments

Each tribal government is a sovereign entity and may or may not engage in mosquito control, either independently or in cooperation with local health jurisdictions and other organizations. The following are contacts for the federally-recognized tribes in Washington and tribal health clinics:

Chehalis Confederated Tribes

The Honorable David Burnett, Chair
Chehalis Business Council
PO Box 536
Oakville, WA 98568
Phone: 360.273.5911/753.3213
Fax: 360.273.5914
County: Grays Harbor/Thurston

Colville Confederated Tribes

The Honorable Michael Marchand, Chair
Colville Business Council
PO Box 150
Nespelem, WA 99155
Phone: 509.634.4711
Fax: 509.634.4116
County: Okanogan/Ferry

Cowlitz Indian Tribe

The Honorable John Barnett, Chair
Cowlitz Indian Tribe
PO Box 2547
Longview, WA 98632-8594
Phone: 360.577.8140
Fax: 360.577.7432
County: Cowlitz/Clark

Hoh Tribe

The Honorable Daki Leo Fisher, Chair
Hoh Tribal Business Committee
P.O. Box 2196
Forks, WA 98331
Phone: 360.374.6582
Fax: 360.374.6549
County: Jefferson

Jamestown S'Klallam Tribe

The Honorable W. Ron Allen, Chair
Jamestown S'Klallam Indian Tribe
1033 Old Blyn Highway
Sequim, WA 98382
Phone: 360.683.1109
Fax: 360.681.4643
County: Clallam

Kalispel Tribe

The Honorable Glen Nenema, Chair
Kalispel Business Committee
PO Box 39
Usk, WA 99180
Phone: 509.445.1147
Fax: 509.445.1705
County: Pend Oreille

Lower Elwha Klallam Tribe

The Honorable Francis Charles, Chair
Elwha Klallam Business Council
2851 Lower Elwha Road
Port Angeles, WA 98363
Phone: 360.452.8471
Fax: 360.452.3428
County: Clallam

Lummi Nation

The Honorable Henry Cagey, Chair
Lummi Business Council
2616 Kwina Road
Bellingham, WA 98226-9298
Phone: 360.384.1489
Fax: 360.380.1850
County: Whatcom

Makah Tribe

The Honorable Micah McCarty, Chair
Makah Tribal Council
PO Box 115
Neah Bay, WA 98357
Phone: 360.645.2201
Fax: 360.645.2788
County: Clallam

Muckleshoot Tribe

The Honorable Charlotte Williams Chair
Muckleshoot Tribal Council
39015 172nd Avenue SE
Auburn, WA 98092
Phone: 253.939.3311
Fax: 253.939.5311
County: King

Nisqually Tribe

The Honorable Cynthia Iyall, Chair
Nisqually Indian Tribe
4820 She-Nah-Num Drive SE
Olympia, WA 98513
Phone: 360.456.5221
Fax: 360.407.0125
County: Thurston

Nooksack Tribe

The Honorable Narcisco Cunanan, Chair
Nooksack Indian Tribal Council
PO Box 157
Deming, WA 98244
Phone: 360.592.5176
Fax: 360.592.5721
County: Whatcom

Port Gamble S'klallam Tribe

The Honorable Ronald Charles, Chair
Port Gamble Business Committee
31912 Little Boston Road NE
Kingston, WA 98346
Phone: 360.297.2646
Fax: 360.297.7097
County: Kitsap

Puyallup Tribe

The Honorable Herman Dillon, Sr., Chair
Puyallup Tribal Council
2002 East 28th Street
Tacoma, WA 98404
Phone: 253.597.6200
Fax: 253.573.7929
County: Pierce

Quileute Tribe

The Honorable Carol Hatch, Chair
Quileute Tribal Council
PO Box 279
La Push, WA 98350
Phone: 360.374.6163
Fax: 360.374.6311
County: Clallam

Quinault Nation

The Honorable Fawn Sharp, Chair
Quinault Business Committee
PO Box 189
Taholah, WA 98587
Phone: 360.276.8211
Fax: 360.276.4191
County: Grays Harbor

Samish Nation

The Honorable Tom Wooten, Chair
Samish Tribe of Indians
PO Box 217
Anacortes, WA 98221
Phone: 360.293.6404
Fax: 360.299.0790
County: Skagit

Sauk-Suiattle Tribe

The Honorable James Roberts, Chair
Sauk-Suiattle Indian Tribe
5318 Chief Brown Lane
Darrington, WA 98241
Phone: 360.436.0131
Fax: 360.436.1511
County: Skagit

Shoalwater Bay Tribe

The Honorable Charlene Nelson
Shoalwater Bay Tribal Council
PO Box 130
Tokeland, WA 98590
Phone: 360.267.6766
Fax: 360.267.6778
County: Pacific

Skokomish Tribe

The Honorable Denese LaClair, Chair
Skokomish Tribal Council
N. 80 Tribal Center Road
Shelton, WA 98584
Phone: 360.426.4232
Fax: 360.877.5943
County: Mason

Snoqualmie Tribe

The Honorable Jerry Enick, Chair
Snoqualmie Tribe of Indians
PO Box 280
Carnation, WA 98014
Phone: 425.333.6551 or 425.222.6900
Fax: 425.333.6727 or 425.222.7798
County: King

Spokane Tribe

The Honorable Richard L. Sherwood, Chair
Spokane Tribal Business Council
PO Box 100
Wellpinit, WA 99040
Phone: 509.258.4581
Fax: 509.258.9243
County: Stevens

Squaxin Island Tribe

The Honorable Dave Lopeman, Chair
Squaxin Island Tribal Council
SE 70 Squaxin Lane
Shelton, WA 98584
Phone: 360.426.9781
Fax: 360.426.6577
County: Mason

Stillaguamish Tribe

The Honorable Shawn Yanity
Stillaguamish Board of Directors
3310 Smokey Point Drive
Arlington, WA 98223
Phone: 360.652.7362
Fax: 360.659.3113
County: Snohomish

Suquamish Tribe

The Honorable Leonard Forsman, Chair
Suquamish Tribal Council
PO Box 498
Suquamish, WA 98392
Phone: 360.598.3311
Fax: 360.598.6295
County: Kitsap

Swinomish Tribe

The Honorable Brian Cladoosby, Chair
Swinomish Indian Senate
PO Box 817
LaConner, WA 98257
Phone: 360.466.3163
Fax: 360.466.5309
County: Skagit

Tulalip Tribes

The Honorable Melvin Sheldon, Jr., Chair
Tulalip Board of Director
6700 Totem Beach Road
Marysville, WA 98270-9694
Phone: 360.651.4000
Fax: 360.651.4032
County: Snohomish

Upper Skagit Tribe

The Honorable Jennifer Washington, Chair
Upper Skagit Tribal Council
25944 Community Plaza
Sedro Woolley, WA 98284
Phone: 360.854.7000
Fax: 360.854.7004
County: Skagit

Yakama Nation

The Honorable Ralph Sampson, Chair
Yakama Tribal Council
PO Box 151
Toppenish, WA 98948
Email: rrsampson@yakama.com
Phone: 509.865.5121
Fax: 509.865.5528
County: Yakima/Klickitat

Washington State Tribal Clinics

Chehalis Tribe

Chehalis Tribal Clinic
PO Box 536
Oakville, WA 98568
Ph: 360.273.5504
Fax: 360.273.6230

Colville Confederated Tribes

Colville Indian Health Service
PO Box 71 – Agency Campus
Nespelem, WA 99155
Ph: 509.634.2900
Fax: 509.634.2946

Cowlitz Indian Tribe

Cowlitz Indian Tribal Health Clinic
PO Box 2429
Longview, WA 98632
Ph: 360.575.8277
Fax: 360.575.1948

Lower Elwha Klallam Tribe

Lower Elwha Health Clinic
243511 Hwy. 101 W
Port Angeles, WA 98363
Ph: 360.452.6252
Fax: 360.452.6274

Lummi Indian Nation

Lummi Indian Health Clinic
2592 Kwina Road
Bellingham, WA 98226
Ph: 360.384.0464
Fax: 360.384.4403

Makah Tribe

Neah Bay Health Clinic
PO Box 410
Neah Bay, WA 98357
Ph: 360.645.2233
Fax: 360.645.2305

Muckleshoot Tribe

Muckleshoot Health Clinic
39015 172nd Avenue SE
Auburn, WA 98092-9763
Ph: 253.939.6648
Fax: 253.735.6705

Nisqually Tribe

Nisqually Tribal Clinic
4816 She-Nah-Num Drive SE
Olympia, WA 98513
Ph: 360.459.5438
Fax: 360.407.0860

Nooksack Tribe

Nooksack Community Clinic
PO Box 648
Everson, WA 98247
Ph: 360.966.2106
Fax: 360.966.2304

Port Gamble S'klallam Tribe

Port Gamble S'klallam Tribal Clinic
32014 Little Boston Road NE
Kingston, WA 98346
Ph: 360.297.2840
Fax: 360.297.7052

Puyallup Tribe

Puyallup Tribal Health Authority
2209 East 32nd Street
Tacoma, WA 98404
Ph: 253.593.0232
Fax: 253.272.6138

Quileute Tribe

Quileute Health Center
Po Box 189
La Push, WA 98350
Ph: 360.374.9035
Fax: 360.374.2644

Quinault Nation

Roger Saux Health Center
PO Box 219
Taholah, WA 98587
Ph: 360.276.4405
Fax: 360.276.4602

Sauk-Suiattle Tribe

Sauk-Suiattle Tribal Clinic
5318 Chief Brown Lane
Darrington, WA 98241
Ph: 360.436.1124, Ext. 23
Fax: 360.436.0242

Shoalwater Bay Tribe

Shoalwater Bay Tribal Clinic
PO Box 500
Tokeland, WA 98590
Ph: 1.800.841.2244
Fax: 267.6778

Skokomish Tribe

Skokomish Health Clinic
N 100 Tribal Center Road
Shelton, WA 98584
Ph: 360.426.5755
Fax: 360.426.5088

Spokane Tribe

David C. Wynecoop Memorial Clinic
Po Box 357
Wellpinit, WA 99040
Ph: 509.258.4517
Fax: 509.258.7152

Squaxin Island Tribe

Squaxin Island Health Clinic
Se 90 Klah-Che-Min Drive
Shelton, WA 98584
Ph: 360.427.9006
Fax: 360.427.1951

Stillaguamish Tribe

Stillaguamish Tribal Clinic
902 E Maple Street
Arlington, WA 98223
Ph: 360.435.9338
Fax: 360.435.2266

Swinomish Tribe

Swinomish Health Clinic
Po Box 683
Laconner, WA 98257
Ph: 360.466.3167
Fax: 360.466.5528

Tulalip Tribes

Tulalip Health Clinic
7627 41st Avenue NW
Marysville, WA 98271
Ph: 360.651.4511
Fax: 360.651.4520

Upper Skagit Tribe

Upper Skagit Tribal Clinic
25959 Community Plaza Way
Sedro Woolley, WA 98284
Ph: 360.854.7070
Fax: 360.854.7060

Yakama Nation

Yakama Indian Health Center
401 Buster Road
Toppenish, WA 98948
Ph: 1.800.574.5584 or 509.865.2102
Fax: 509.865.6237

Primary Web Resources

Washington State Agencies

Washington State Department of Health, West Nile Virus
<http://www.doh.wa.gov/wnv>

Washington State Department of Health, WNV Notifiable Conditions Website (for public health and health care professionals)
<http://www.doh.wa.gov/notify/nc/wnv.htm>

Washington State Department of Agriculture, West Nile Virus
<http://agr.wa.gov/foodanimal/animalhealth/diseases/westnilevirus/default.htm>

Washington State Department of Ecology, Aquatic Mosquito Control
http://www.ecy.wa.gov/programs/wq/pesticides/final_pesticide_permits/mosquito/mosquito_index.html

Washington State University, West Nile Virus
<http://wnv.wsu.edu>

Local Health Departments and Districts

Clickable map with links to all local health jurisdictions
<http://www.doh.wa.gov/lhjmap/lhjmap.htm>

Tribes

Governors Office of Indian Affairs, Tribal Directory
<http://www.goia.wa.gov/tribal-directory/tribaldirectory.pdf>

U.S. Government Agencies

Centers for Disease Control and Prevention, West Nile Virus
<http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>

Centers for Disease Control and Prevention, Arboviral Encephalitides
<http://www.cdc.gov/ncidod/dvbid/arbor/index.htm>

Centers for Disease Control and Prevention, National Institutes for Occupational Safety and Health
<http://www.cdc.gov/niosh/topics/westnile>

US Department of Agriculture, Animal Health Monitoring & Surveillance, West Nile Virus
<http://www.aphis.usda.gov/vs/nahss/equine/wnv/index.htm>

US Environmental Protection Agency, Mosquito Control
<http://www.epa.gov/pesticides/health/mosquitoes/index.htm>

U.S. Government Agencies – continued

US Geological Survey, National Wildlife Health Center, West Nile Virus
http://www.nwhc.usgs.gov/disease_information/west_nile_virus/index.jsp

US Geological Survey, National ArboNET Disease Maps
<http://diseasemaps.usgs.gov>

US National Library of Medicine, Pesticides Used to Control West Nile Virus
<http://sis.nlm.nih.gov/enviro/westnilepesticides.html>

Other Organizations

American Mosquito Control Association
<http://www.mosquito.org/>

Association of State and Territorial Health Officials, Mosquito Control
http://www.astho.org/?template=mosquito_control.html

Municipal Research and Services Center of Washington, Formation of Mosquito Control Districts
<http://www.mrsc.org/subjects/governance/spd/mosquito.aspx>

National Audubon Society
<http://audubon.org/bird/wnv/>

National Pesticide Information Center
<http://npic.orst.edu/wnv/>

Northwest Mosquito and Vector Control Association
<http://www.nwmvca.org/>