

Program Element 17: Vector Control and Surveillance

OHA Program Responsible for Program Element:

Public Health Division/Center for Public Health Practice/Acute and Communicable Disease Prevention Section

1. **Description.** Funds provided under this Agreement for this Program Element may only be used in accordance with, and subject to, the requirements and limitations set forth below, to deliver activities and outcomes related to projects funded through cooperative agreements between the Oregon Health Authority (OHA) Acute and Communicable Disease Prevention section (ACDP) and the federal Centers for Disease Control and Prevention (CDC). Overarching goals include collection, identification, and testing of mosquitoes, dead birds and ticks for Vector borne pathogens.
 - a. **Vector Control and Surveillance:** Collect, identify, and test mosquitoes, dead birds, and ticks at an approved laboratory. Support and provide education about Vector control and disease prevention county-wide. Gather data on mosquito, dead bird, and tick collection and identification and provide a monthly report and year-end report.

This Program Element, and all changes to this Program Element are effective the first day of the month noted in Issue Date section of Exhibit C Financial Assistance Award unless otherwise noted in Comments and Footnotes of Exhibit C of the Financial Assistance Award.

2. **Definitions Specific to Vector Control and Surveillance.**

- a. **Vector:** An organism that can transmit infection by conveying pathogens from one host to another.
- b. **Surveillance:** Collection and identification of mosquitoes, dead birds, and ticks.

3. **Alignment with Modernization Foundational Programs and Foundational Capabilities.** The activities and services that the LPHA has agreed to deliver under this Program Element align with Foundational Programs and Foundational Capabilities and the public health accountability metrics (if applicable), as follows (see [Oregon’s Public Health Modernization Manual](http://www.oregon.gov/oha/PH/ABOUT/TASKFORCE/Documents/public_health_modernization_manual.pdf), http://www.oregon.gov/oha/PH/ABOUT/TASKFORCE/Documents/public_health_modernization_manual.pdf):

- a. **Foundational Programs and Capabilities** (As specified in Public Health Modernization Manual)

Program Components	Foundational Program				Foundational Capabilities							
	CD Control	Prevention and health promotion	Environmental health	Population Health Direct services	Access to clinical preventive services	Leadership and organizational competencies	Health equity and cultural responsiveness	Community Partnership Development	Assessment and Epidemiology	Policy & Planning	Communications	Emergency Preparedness and Response
Asterisk (*) = Primary foundational program that aligns with each component X = Other applicable foundational programs					X = Foundational capabilities that align with each component							
Vector Control and	*		X						X	X		X

Surveillance												
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b. The work in this Program Element helps Oregon’s governmental public health system achieve the following Public Health Accountability Metric, Health Outcome Measure:

Not applicable.

c. The work in this Program Element helps Oregon’s governmental public health system achieve the following Public Health Accountability Metric, Local Public Health Process Measure:

Not applicable.

4. Procedural and Operational Requirements. By accepting and using the Financial Assistance awarded under this Agreement and for this Program Element, LPHA agrees to conduct activities in accordance with the following requirements:

LPHA must:

- a. Submit local program plan and local program budget to OHA for approval.
- b. Engage in activities as described in its local program plan, which has been approved by OHA.
- c. Use funds for this Program Element in accordance with its local program budget, which has been approved by OHA. Modification to the local program budget may only be made with OHA approval.
- d. Obtain the necessary equipment and supplies to conduct active mosquito Surveillance within LPHA’s service area to test for and determine the presence of West Nile Virus.
- e. Ensure that all field workers conducting West Nile Virus Surveillance activities with funds provided under this agreement have a pesticide applicator license as required by local, state or federal regulations.
- f. Complete the following Surveillance activities during the period for which funds are awarded for West Nile Virus Surveillance activities:
 - (1) Active Mosquito Surveillance
 - (a) Collect mosquitoes from at least five mosquito pools in LPHA's service area each week during the season of high mosquito activity, which are the months of July, August, and September (dependent on geographic location).
 - (b) Identify species of mosquitoes collected.
 - (c) Test the collected mosquitoes for the presence of West Nile Virus based on species and provide monthly reports on the test results to ACDP using the template entitled "County Mosquito Pool Collection - 2020 " attached to this Agreement as Attachment 1 and incorporated herein by this reference. The reports must specify the methods of testing (e.g. name of laboratory (OSU, OPHL), testing technique (RAMP or PCR) and location.
 - (d) Map geographically all sample mosquitoes and dead birds collected by LPHA for purposes of this Agreement and shall forward an electronic file containing the mapping to the OHA’s State Public Health Veterinarian monthly during the term of this Agreement.
 - (2) Active Bird Surveillance
 - (a) Provide active Surveillance of dead birds in LPHA's service area that are identified by or reported to LPHA, including but not limited to crows (*Genus:*

Corvus et al), to determine the presence of West Nile Virus.

- (b) Respond (within 24 hours) to calls from the public regarding dead birds in LPHA's service area, evaluate appropriate response, collect dead birds as appropriate and send for testing to determine the presence of West Nile Virus.
- (c) Test dead birds identified by or reported to LPHA and in LPHA's service area, for the presence of West Nile Virus and provide monthly reports to OHA on the test results using the template entitled "Dead Bird Surveillance - 2020" attached to this Agreement Attachment 2 and incorporated herein by this reference. The reports must specify the methods of testing (e.g., name of laboratory (OSU or OPHL), testing technique (RAMP or PCR) and location.

g. Complete the following Surveillance activities during the period for which funds are awarded for tick Surveillance activities:

- (1) Collect up to 200 ticks per selected county.
- (2) Identify ticks – preference for *Ixodes pacificus*.
- (3) Identify Life Stage.
- (4) Collect ticks in public access areas such as hiking trails or parks.
- (5) Coordinate where ticks are collected.

5. **General Revenue and Expense Reporting.** LPHA must complete an “Oregon Health Authority Public Health Division Expenditure and Revenue Report” located in Exhibit C of this Agreement. These reports must be submitted to OHA each quarter on the following schedule:

Fiscal Quarter	Due Date
First: July 1 – September 30	October 30
Second: October 1 – December 31	January 30
Third: January 1 – March 31	April 30
Fourth: April 1 – June 30	August 20

6. **Reporting Requirements.**

- a. LPHA must submit to OHA monthly reports related to West Nile Virus Surveillance Project (Attachment 1 & 2).
- b. LPHA must submit to OHA monthly reports related to Tick Collection (Attachment 3).

