



**Program #40008 - Vector-Borne Disease Prevention and Code Enforcement** FY 2024 Adopted

**Department:** Health Department **Program Contact:** Andrea Hamberg  
**Program Offer Type:** Existing **Program Offer Stage:** Adopted  
**Related Programs:**  
**Program Characteristics:**

**Executive Summary**

The Vector program protects the public from emerging and imminent vector-borne diseases by monitoring, collecting, and testing mosquitoes, birds, and rats, and enforcing health-based nuisance codes. Climate changes in the Northwest (warming winter temperatures, increase in rainfall, and urban landscape management) will increase the risk of vector-borne diseases, and this program addresses this increased risk by anticipating and responding to observed changes.

**Program Description**

Vector Control and Code Enforcement are core public health services that protect the public from diseases carried by and transmitted via contact with animals, using World Health Organization and Center for Disease Control best practices. This is accomplished through

Mosquito Control - suppression of mosquito populations to lower the risk of West Nile Virus and other mosquito-borne viruses and reducing the mosquito breeding habitat through water control and vegetation management.

Disease Surveillance - collection, identification, and laboratory analysis of mosquitoes, birds, and rats to identify diseases and monitoring the spatial and temporal distribution of species to determine at-risk areas and populations.

Rodent Control – performing complaint-based inspections for property owners and businesses and providing education and free abatement materials.

Nuisance Code Enforcement - addressing public health code violations, investigating and removal of illegal dumping, and enforcement of city codes regarding livestock.

Outreach and Education - attend fairs, festivals, and activities throughout the county with a focus on events in areas that are in low income neighborhoods or communities of color to provide education and resources in multiple languages on protection from vector-borne disease.

**Performance Measures**

Measure Type	Primary Measure	FY22 Actual	FY23 Budgeted	FY23 Estimate	FY24 Offer
Output	Number of rodent inspections conducted	359	700	40	700
Outcome	Number of service referrals that improve vector abatement	76	45	177	75
Output	Number of acres treated for mosquitoes	592	2,000	8,000	2,000
Quality	Inspection and monitoring of mosquito producing sites	755	600	800	600

**Performance Measures Descriptions**

1) Rodent inspections are generated by submitted complaints. 2) Mosquito referrals are complaint-based and use integrated pest management strategies for abatement, which include education, removal of breeding source(s), and biological and chemical treatments. 3) Pulled from database and pesticide use numbers. 4) Pulled from surveillance records.

## Legal / Contractual Obligation

Legal mandates are ORS 452 Vector Control, OAR 333-018 Communicable Disease and Reporting, OAR 333-019 Communicable Disease Control, OAR 603-052 Pest and Disease Control, OAR 603-057 Pesticide Control, 1968 Agreement City of Portland and Multnomah County, MCC Chapter 15 Nuisance Control Law, PCC Title 8.40 Rodent Control, PCC Title 8.44 Insect Control, PCC Title 29 Property Maintenance Regulations, NPDES General Aquatic Permit for Mosquito Control 2300A

## Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Adopted General Fund	Adopted Other Funds
Program Expenses	2023	2023	2024	2024
Personnel	\$1,478,652	\$0	\$1,716,147	\$0
Contractual Services	\$34,100	\$0	\$62,355	\$0
Materials & Supplies	\$134,581	\$0	\$176,185	\$0
Internal Services	\$328,081	\$0	\$332,958	\$0
<b>Total GF/non-GF</b>	<b>\$1,975,414</b>	<b>\$0</b>	<b>\$2,287,645</b>	<b>\$0</b>
<b>Program Total:</b>	<b>\$1,975,414</b>		<b>\$2,287,645</b>	
<b>Program FTE</b>	11.62	0.00	12.10	0.00

Program Revenues				
Fees, Permits & Charges	\$0	\$0	\$342,446	\$0
Service Charges	\$342,446	\$0	\$0	\$0
<b>Total Revenue</b>	<b>\$342,446</b>	<b>\$0</b>	<b>\$342,446</b>	<b>\$0</b>

## Explanation of Revenues

\$ 277,000- CoP BES Vector Control Rats  
\$ 65,446- Specified Animals

## Significant Program Changes

**Last Year this program was:** FY 2023: 40008A Vector-Borne Disease Prevention and Code Enforcement

In FY23, extreme rains and flooding created historic levels of mosquitoes and staff that were assigned to work on rodent response were redeployed to work mosquito surveillance and abatement. Before FY24, these staff will have transitioned back to rodent response. 2 FTE are vacant due to failed recruitment and will be filled by FY24.