

Program #40008C - Vector Control Evaluation

7/14/202

Department: Health Department **Program Contact:** Andrea Hamberg

Program Offer Type: Innovative/New Program Program Offer Stage: As Adopted

Related Programs:

Program Characteristics: One-Time-Only Request

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. This amendment funds efforts to address the number of rats and the conditions that attract rats in certain neighborhoods through the evaluation of rodent prevention and abatement options and program models; a communications campaign; and supplies for rodent prevention and abatement.

Program Summary

The Vector program provides technical assistance, education, and support on pest management to community and private organizations. The program also works with sanctioned campsites and shelters to help review Integrated Pest Management control contracts to improve outcomes in preventing and ridding rat infestation. The county performs rat inspections, provides education, and supplies traps on a complaint driven basis.

While rats have always been a problem in Portland, as in every major city, deteriorating conditions during the pandemic, particularly in Old Town Chinatown, increased habitat and food sources for rats. Addressing this growing population is important because rats can be vectors for diseases including rat-bite fever, typhoid fever, leptospirosis, salmonellosis, and hantavirus. The vector-borne diseases can be spread through bite wounds, consumption of food and/or water or breathing dust contaminated by rodent droppings and other waste products, and indirectly by way of ticks, mites, and fleas that transmit the infection to humans after feeding on infected rodents.

Preventing the rats from accessing food, water, and shelter is the best way to control their population, meaning abatement strategies alone (e.g., poison and non-poison traps) are not effective. This amendment will provide the Vector program with capacity to: 1) evaluate the most impactful rodent prevention and abatement options and program models; 2) implement a prevention and abatement communications/outreach campaign on billboards, busses, postcards, etc.; and 3) purchase supplies to support prevention and abatement strategies.

Performance Measures									
Measure Type	Primary Measure	FY21 Actual	FY22 Budgeted	FY22 Estimate	FY23 Offer				
Output	# of rodent prevention and abatement options/program models identified	N/A	N/A	N/A	5				
Outcome	# of community members reached	N/A	N/A	N/A	10,000				

Performance Measures Descriptions

Measure 2 is based on how many community members are reached through the communications/outreach campaign.

Revenue/Expense Detail

	Adopted General Fund	Adopted Other Funds	Adopted General Fund	Adopted Other Funds
Program Expenses	2022	2022	2023	2023
Contractual Services	\$0	\$0	\$50,000	\$0
Materials & Supplies	\$0	\$0	\$50,000	\$0
Total GF/non-GF	\$0	\$0	\$100,000	\$0
Program Total: \$0		0	\$100,000	
Program FTE	0.00	0.00	0.00	0.00

Program Revenues					
Total Revenue	\$0	\$0	\$0	\$0	

Explanation of Revenues

Significant Program Changes

Last Year this program was: