

IMPACT STATEMENT

Legislation title: Authorize Intergovernmental Agreement with Portland State University in the amount of \$31,250 to assess the dispersion and deposition of metals, including cadmium, arsenic, chromium, and nickel, in the Portland metro region.

Contact name: Katie Shriver, Commissioner Novick's office

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Presenter name: The item will be on the consent agenda.

Purpose of proposed legislation and background information:

Residents from Portland neighborhoods have raised serious concerns about urban air toxics to elected officials at the City, County, Oregon State Legislature, and the Department of Environmental Quality, both now and in the past. In particular, residents who live close to roadways, construction sites, or freight yards are concerned about health effects from their exposure to diesel particulate matter, while those who live near industrial point sources are concerned about health effects from acute and chronic exposure to hazardous air pollutants.

In February 2016, the Oregon Department of Environmental Quality reported findings of levels of cadmium, arsenic, and chromium above environmental risk thresholds in North and Southeast Portland near two glass manufacturers. Researchers at Portland State University have proposed a project to sample air, soil, moss, and potentially indoor surfaces and analyze metals dispersion at up to six sites over two years. The project will investigate the relationship between emissions and the metal levels in the air, soil, indoor surfaces, and moss, produce maps of metals dispersion, and analyze potential metals sources for the six sites. The project will also test ways to rapidly assess the presence of metals in the environment using X-Ray fluorescence analysis. The City and Multnomah County have agreed to partner with Portland State University to support this research.

The purpose of this legislation is to authorize the Commissioner of Public Safety to enter into an Intergovernmental Agreement with Portland State University, as outlined in a form substantially in accordance with the agreement attached as Exhibit A.

Financial and budgetary impacts:

On April 27, City Council approved an allocation of \$31,250 from the City's Fiscal Year 2015-16 contingency for the project, subject to Council approval of the Intergovernmental Agreement included with this ordinance. Finalizing the Intergovernmental Agreement allows the City to draw and deliver payment of \$31,250 to Portland State University chargeable to the Fiscal Year 2015-16 Budget.

Community impacts and community involvement:

This study responds to significant community interest in more and better information about air quality in Portland.

Budgetary Impact Worksheet**Does this action change appropriations?**☐ **YES:** Please complete the information below.☒ **NO:** Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount