



## PROJECT STATEMENT

Date: February 21, 2018

Port of Oakland Maritime Air Quality Improvement Plan (MAQIP)

2018 Update and Planning for "2020 and Beyond"

### BACKGROUND

In March 2008, the Port of Oakland (Port) committed to achieving an 85% reduction in seaport-related diesel health risk by the year 2020 from a 2005 baseline. To support this goal, the Port developed the Maritime Air Quality Improvement Plan (MAQIP) through a comprehensive public stakeholder participation process led by Port staff with the assistance of CONCUR Inc., a Berkeley-based consultancy skilled in facilitating complex environmental agreements and plans. The original MAQIP Task Force (Task Force) of 35 stakeholders represented community members, Port tenants, environmental advocacy groups, air quality and health agencies, and maritime-related businesses. The MAQIP planning process was consultative in nature. The MAQIP represents a twelve-year emissions reduction framework (from Year 2009 through the Year 2020) focused on reducing Port of Oakland-related seaport emissions to contribute to improving public health in West Oakland.

A key tool to track implementation of the MAQIP is the seaport emissions inventory. As a baseline, the Port prepared a comprehensive inventory of pollutant emissions from Port-related sources - ships, harbor craft, cargo-handling equipment, trucks and locomotives - in 2005. As new emissions reduction technologies develop, the Port has calculated the resulting emissions reductions with respect to the MAQIP goals through updates to the baseline emissions inventory.

On November 19, 2013, the Port held a MAQIP Progress Report Meeting to report on MAQIP implementation progress, compare the results to the 2012 interim goals and review progress toward the 2020 goals. At the November 19, 2013, meeting, the Port reported that it was meeting its air quality commitment, implementing projects, and making strong progress in achieving the MAQIP goals.

The 2015 Emissions Inventory calculated continued progress towards the MAQIP goals. The 2015 Emissions Inventory calculated a reduction in total seaport Diesel Particulate Matter (DPM) emissions by -76% with cargo-handling equipment down by -82%, ocean going vessel emissions down by -75% and drayage truck emissions down by -98%. While this progress is substantial, the -85% goal points to the need to identify additional emissions reduction measures by the Year 2020.



## 2018 MAQIP UPDATE AND PLANNING FOR "2020 AND BEYOND"

In early 2018, the Port is reconvening the MAQIP Task Force to assist in updating the MAQIP (2018 Update to the 2009 MAQIP) and in identifying issues for seaport air quality planning beyond the Year 2020 (Planning for 2020 and Beyond.)

The Port, CONCUR and the MAQIP Co-Chairs have met to discuss the two upcoming MAQIP Meetings. At Meeting #1 (Friday, February 23, 2018), the focus is on diesel particulate matter (DPM) emissions reduction measures to continue to meet the 2020 goals and address local public health in West Oakland. At Meeting #2 (Thursday, March 29, 2018), the focus is on the period beyond the year 2020. Stakeholders have already indicated that they are interested in greenhouse gas reductions, zero- and near-zero emissions technologies, and local exposure to toxic air contaminants, among the topics to be addressed in the "2020 and Beyond Plan."

For the "2020 and Beyond" plan, stakeholders expressed their vision for a new planning process reflecting robust stakeholder engagement and input. The Port shares this vision of public engagement.