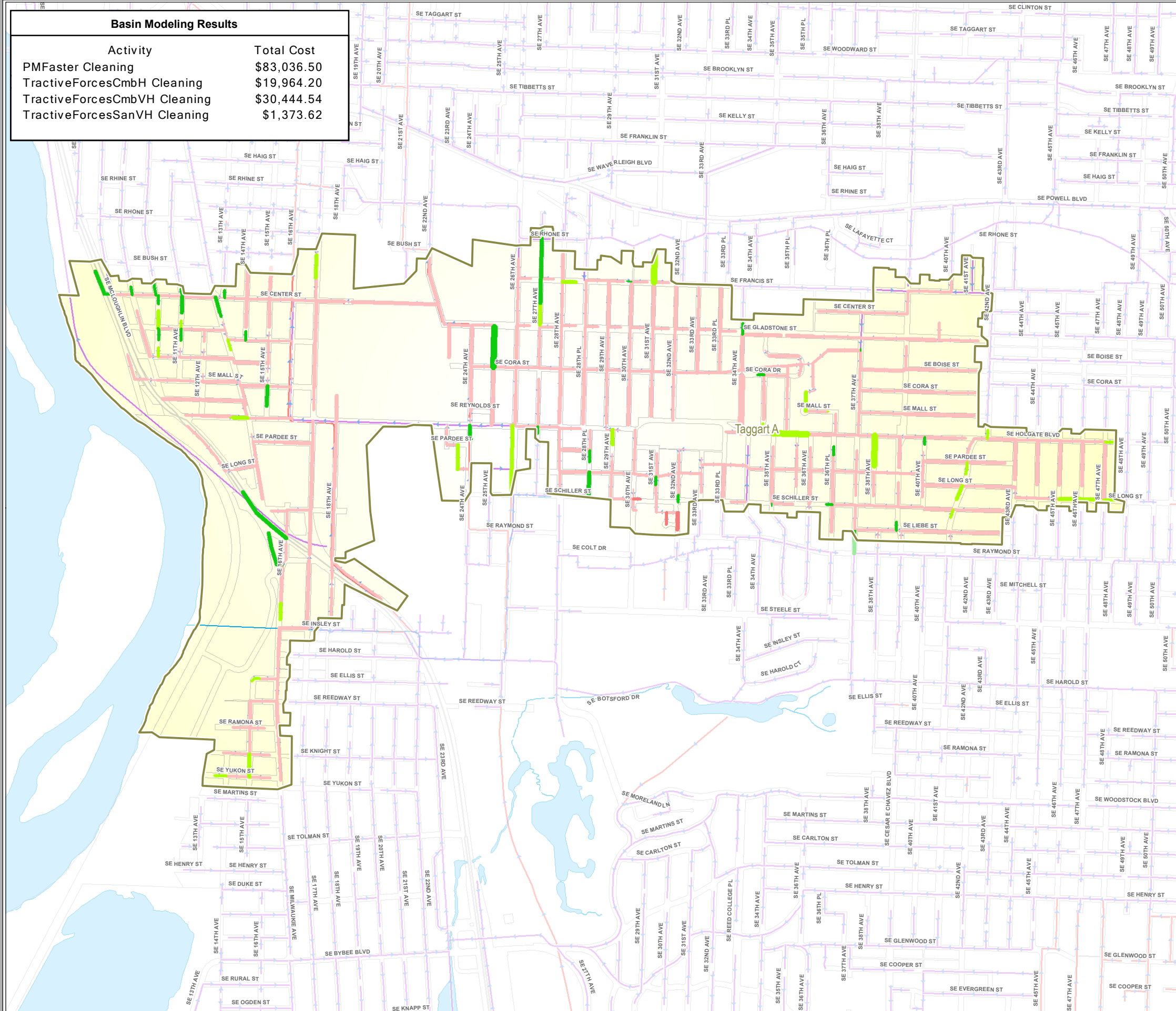
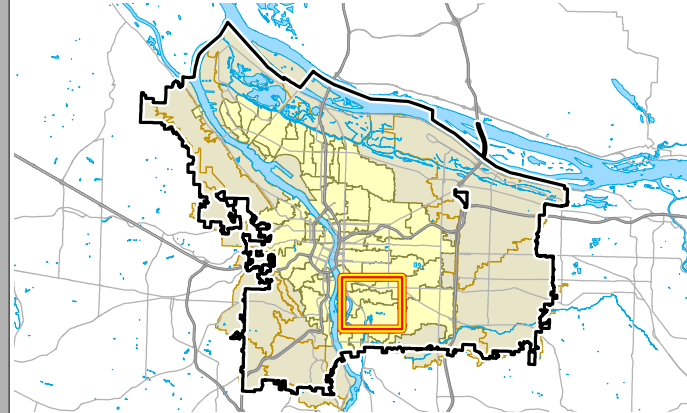


Produced by Asset Systems Management: Map Request 6257(KDR) June 1st, 2012 \\CASS\OISystems\_Planning\SCIP\Phase\_1\Mxd\Report\_Figs\Cleaning\_Iga.mxd



Basin Modeling Results	
Activity	Total Cost
PMFaster Cleaning	\$83,036.50
TractiveForcesCmbH Cleaning	\$19,964.20
TractiveForcesCmbVH Cleaning	\$30,444.54
TractiveForcesSanVH Cleaning	\$1,373.62



**Legend**

City of Portland

Combined Sewer Basin Boundary

Sanitary Sewer Basin Boundary

Sanitary Sewer Pipes

Sanitary Pressure Mains

Combined Sewer Pipes

Combined Pressure Mains

**Cleaning Costs by Thickness**0 to \$100\$100 to \$250\$250 to \$500\$500 to \$1,000\$1,000 and Above**Cleaning Types and Costs**Accelerated Area CleaningTractive Forces Very High Large Diameter >36" CleaningTractive Forces High Large Diameter >36" CleaningTractive Forces Medium Priority Large Diameter >36" CleaningTractive Forces Low Priority Large Diameter >36" CleaningTractive Forces Combo Very High Priority CleaningTractive Forces Sanitary Very High Priority CleaningTractive Forces Combo High Priority CleaningPM Cleaning

**FY 2013 - 2017**

**CMOM SCIP Models**  
Collection System Cleaning  
Needs Assessment

**Taggart A Basin**

Drawing Not To Scale

Date Printed: June 1st, 2012