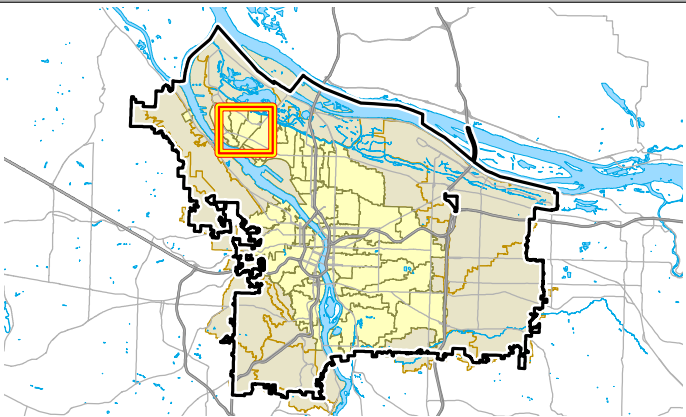
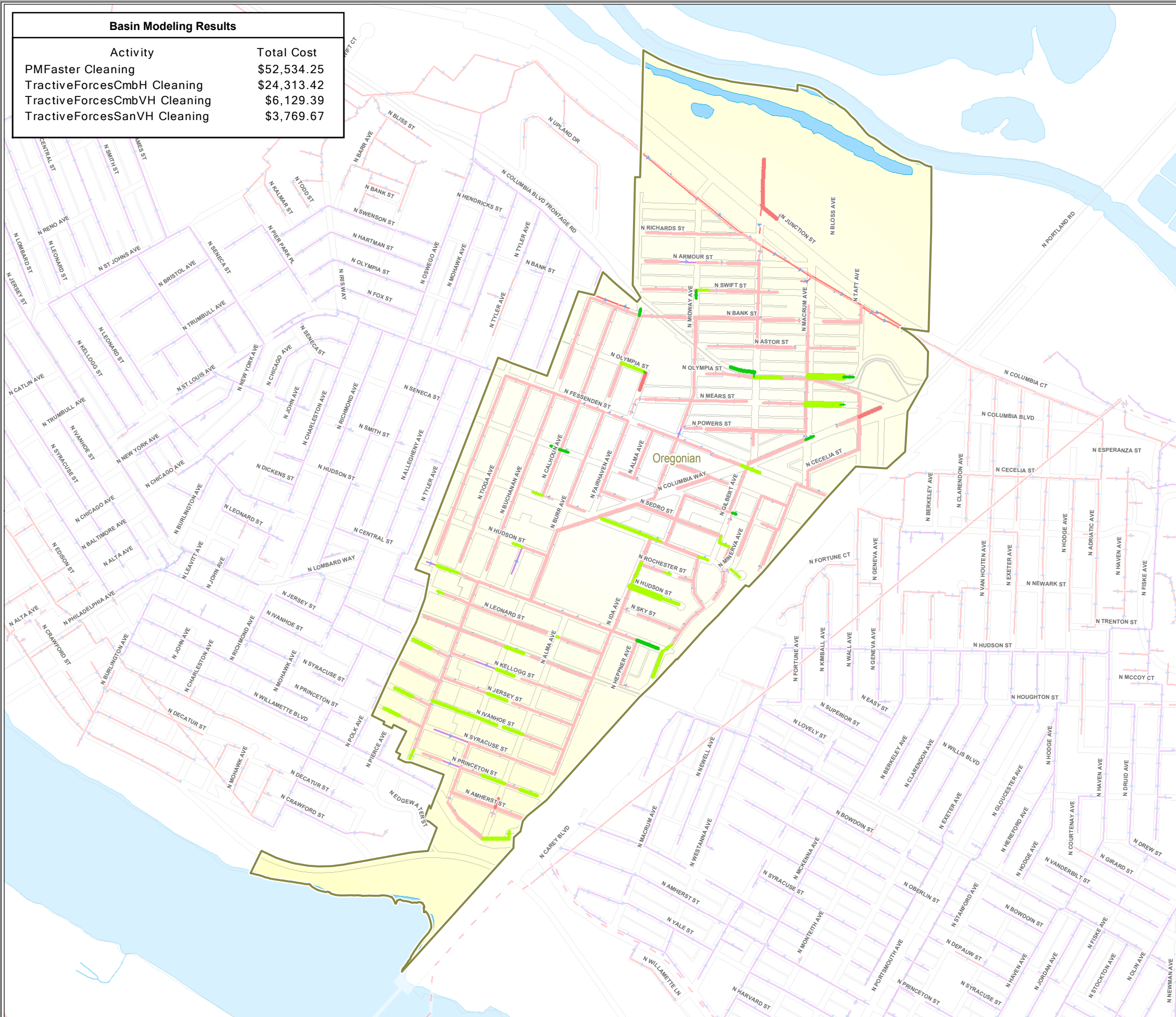


Produced by Asset Systems Management: Map Request 6257(KDR) June 1st, 2012 \\CASS\OISystems_Planning\SCIP\Phase_1\Mxd\Report_Figs\Cleaning_Ore.mxd

Basin Modeling Results	
Activity	Total Cost
PMFaster Cleaning	\$52,534.25
TractiveForcesCmbH Cleaning	\$24,313.42
TractiveForcesCmbVH Cleaning	\$6,129.39
TractiveForcesSanVH Cleaning	\$3,769.67



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 Cleaning
- Tractive Forces Very High Large Diameter >36" Cleaning
- Tractive Forces High Large Diameter >36" Cleaning
- Tractive Forces Medium Priority Large Diameter >36" Cleaning
- Tractive Forces Low Priority Large Diameter >36" Cleaning
- Tractive Forces Combo Very High Priority Cleaning
- Tractive Forces Sanitary Very High Priority Cleaning
- Tractive Forces Combo High Priority Cleaning
- PM Cleaning

FY 2013 - 2017

CMOM SCIP Models
Collection System Cleaning
Needs Assessment

Oregonian Basin



Drawing Not To Scale



Date Printed: June 1st, 2012