

CITY COUNCIL AGENDA ITEM

CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Motion to Authorize the City Manager to Execute an Agreement with Osborn Consulting, Inc. for the McAleer Basin Plan Study and Ballinger Creek Drainage Study/Basin Plan

DEPARTMENT: Public Works

PRESENTED BY: Brian Landau, Surface Water and Environmental Services Manager

ACTION: ☐ Ordinance ☐ Resolution ☒ Motion
 ☐ Discussion ☐ Public Hearing

PROBLEM/ISSUE STATEMENT:

The McAleer and Ballinger Creek Basin Plans are studies to assess surface water, drainage, and infrastructure conditions within those basins, identify issues and problems, and develop/prioritize management actions to address the drainage, infrastructure, water quality, and habitat issues. Data from these studies will be added to the City's computerized maintenance management software (CityWorks) and GIS system, which is part of the City's infrastructure asset management strategy for tracking costs related to specific assets, thereby maximizing the use of limited resources.

Staff requests Council to authorize the City Manager to execute a contract with Osborn Consulting, Inc. for \$619,560 to provide consultant services for the 2014 basin plans that will include assessment of surface water and pipe infrastructure.

FINANCIAL IMPACT:

The 2014-2019 Capital Improvement Program includes \$660,000 for the McAleer Basin Plan and Ballinger Creek Drainage Study/Basin Plan as shown in the table below:

Surface Water Utility Fund Funding 2014-2014 CIP

Year	2014
McAleer Basin Plan	\$450,000
Ballinger Creek (Lyon Creek Basin) Drainage Study/Basin Plan	\$210,000
TOTAL	\$660,000

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute an agreement with Osborn Consulting, Inc. for \$619,560 to provide consultant services including a

surface water infrastructure condition assessment for the McAleer Basin Plan and Ballinger Creek (Lyons Creek Basin) Drainage Study/Basin Plan.

Approved By: City Manager ***DT*** City Attorney ***IS***

BACKGROUND

The McAleer Creek Basin Plan and Ballinger Creek (Lyons Creek Basin) Drainage Study/Basin Plan are part of the basin planning program in the Surface Water Master Plan adopted by Council in 2011. These studies were identified in the 2011 Surface Water Master Plan Update as the next priority basins to be studied in the City after the completion Boeing/Storm Creek basin plans (see Attachment A - Basin Map of the City). The Puget Sound drainages basin plan is scheduled to be conducted in 2015. The goal of these studies is to develop and prioritize management actions to be completed in these basins that will address flooding, aquatic habitat, and water quality problems.

As part of these studies, a video condition assessment of all storm water pipes more than 12 inches in diameter will be completed to evaluate maintenance, repair and replacement needs. From this assessment, a list of storm pipes will be identified for repair or replacement and prioritized with the list of repair and replacement projects identified in the 2013 Boeing Creek and Storm Creek basin plans.

This consultant contract will:

- Review and assess drainage, water quality, and habitat conditions in the basins
- Perform a video condition assessment of City owned and maintained pipes in these basins
- Map the floodplain of McAleer and Ballinger Creeks
- Identify drainage, water quality and habitat issues and management actions (including CIPs) to address those issues

Data from these studies will be added to the City's computerized maintenance management software (CityWorks) and GIS system, which is part of the City's infrastructure asset management strategy for tracking costs related to specific assets, thereby maximizing the use of limited resources.

In addition, the pipe repair and replacement projects and high priority CIPs identified in these basin plans will be used to help determine the capital investment (bonds) needed for the 2014-2020 CIP budget. The investment identified for the pipe replacement program and high priority CIPs was discussed during the CIP/Bond discussion of the Surface Water Utility at the September 9, 2013 Council meeting.

COUNCIL GOAL(S) ADDRESSED

This project supports Council Goal No. 2, provide safe, efficient and effective infrastructure to support our land use, transportation and surface water plans. This is achieved by identifying and prioritizing projects out of the basin plans that will repair or replace the City's storm water infrastructure.

RESOURCE/FINANCIAL IMPACT

The 2014-2019 Capital Improvement Program includes \$660,000 for the McAleer Basin Plan and Ballinger Creek Drainage Study. Below is a breakdown of the funding for the 2014 Storm Water Pipe Replacement Program project:

EXPENDITURES

Osborne Consulting, Inc. Study/Condition Assessment	\$619,560
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Total Project Cost	\$619,560
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SURFACE WATER CAPITAL IMPROVEMENT PROGRAM BUDGET

McAleer Basin Plan	\$450,000
Ballinger Creek Drainage Study/Basin Plan	\$210,000

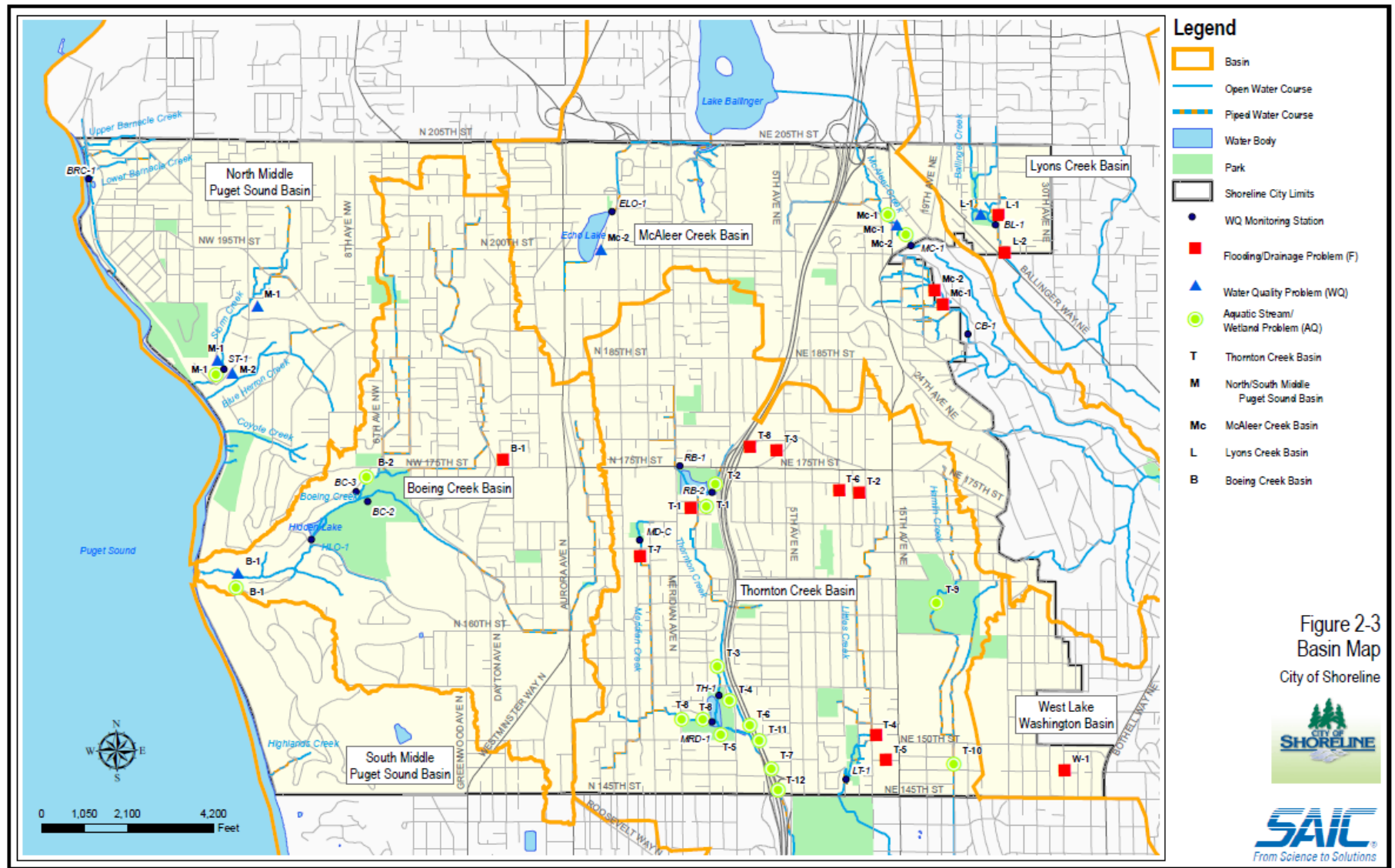
Total Budget	\$660,000
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ATTACHMENTS

Attachment A: City of Shoreline drainage basin map (from 2011 Surface Water Master Plan Update)



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