

# AGENDA ITEM SUMMARY

## FORT COLLINS CITY COUNCIL

ITEM NUMBER: 16 A-B

DATE: June 3, 2008

STAFF: Jim Hibbard

### SUBJECT

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Items Relating to Review of Stormwater Best Management Practices and Pilot Testing of Low Impact Development Stormwater Practices.

### RECOMMENDATION

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Staff recommends adoption of the Resolution and the Ordinance on First Reading.

### FINANCIAL IMPACT

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The proposed three year agreement with Colorado State University is for \$303,012 and will be paid from Stormwater Fund Prior Year Reserves.

### EXECUTIVE SUMMARY

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- A. Resolution 2008-054 Authorizing the City Manager to Execute an Intergovernmental Agreement with Colorado State University for Review of Stormwater Best Management Practices.
- B. First Reading of Ordinance No. 063, 2008, Appropriating Prior Year Reserves in the Stormwater Fund For Review of Stormwater Best Management Practices and Implementation of Low Impact Development Demonstration Projects.

Council has asked for a review of the City's Stormwater Best Management Practices. City staff has requested assistance from Colorado State University. This item authorizes the City Manager to execute an intergovernmental agreement with the Urban Water Center at Colorado State University for services related to the Best Management Practices review and appropriates \$303,012 from Stormwater reserves to fund the contract.

### BACKGROUND

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City Council has asked for a review of the City's Stormwater Best Management Practices (BMPs). City staff has requested assistance from Colorado State University. The first phase includes:

- Review of current stormwater BMPs, and

- Recommended changes in practice and design criteria, including appropriate Low Impact Development (LID) practices.

Any proposed changes will be considered by City Council in the first quarter of 2009.

The second and concurrent phase is:

- Monitoring performance of certain existing stormwater water quality facilities;
- Recommending performance and operational changes for existing facilities;
- Monitoring results of performance modifications; and
- Pilot testing of selected LID practices and BMP renovation demonstration projects.

The total length of the agreement will be three years, with the results of the second phase used for continuous improvement to stormwater BMPs. This review of stormwater practices and the proposed agreement with Colorado State University also support the Utilities 21st Century Initiative to implement sustainable utility practices.

The Urban Water Center at Colorado State University is a nationally recognized leader in developing protocols for control of urban runoff to create sustainable urban stream systems from both hydrologic and ecologic perspectives. Recently, the Colorado Stormwater Council, a non-profit organization of Municipal Stormwater Discharge permit holders, of which Fort Collins is a member, commissioned a significant study with the Urban Water Center to study the Performance and Whole Life Costs of Stormwater BMPs. This study uniquely positions the University to perform the work requested by the City. In addition, the availability of graduate students, under the supervision of Dr. Larry Roesner, Director of the Urban Water Center, results in substantially lower cost to the City. Finally, the proposed agreement will strengthen the relationship between the City and the University, support the goals of the UniverCity Connections Program and connect the University to the City, Downtown, and the Poudre River.

RESOLUTION 2008-054  
OF THE COUNCIL OF THE CITY OF FORT COLLINS  
AUTHORIZING THE CITY MANAGER TO EXECUTE  
AN INTERGOVERNMENTAL AGREEMENT WITH  
COLORADO STATE UNIVERSITY FOR  
REVIEW OF STORMWATER BEST MANAGEMENT PRACTICES

WHEREAS, the City Council has requested a review of current Stormwater Best Management Practices; and

WHEREAS, such a review supports the Utilities 21st Century Initiative to implement sustainable utility practices; and

WHEREAS, the Urban Water Center at Colorado State University (“CSU”) is recognized nationally as a leader in stormwater best management practices and is engaged in a study of such practices commissioned by the Colorado Stormwater Council; and

WHEREAS, by virtue of Colorado State University’s ongoing work in the field of stormwater best management practices, the Urban Water Center is uniquely positioned to leverage the results of concurrent studies with a review of the City’s stormwater practices; and

WHEREAS, the Colorado Stormwater Council study allows for strong synergy in the review of the City’s stormwater practices and would lower the City’s cost of review due to the participation of graduate students; and

WHEREAS, one of the purposes of UniverCity Connections is to bring CSU, the City of Fort Collins, Downtown, and the Poudre River together in harmony with our natural environment and utilizing the services of CSU to review the City’s stormwater practices would further this purpose; and

WHEREAS, City staff is recommending that the Council authorize such an agreement between the City and CSU for the above described purposes; and

WHEREAS, Article II, Section 18 of the Charter of the City of Fort Collins and Section 1-22 of the City Code authorize the Council to enter into contracts with other governmental bodies to furnish services or cooperative or joint activities.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF FORT COLLINS as follows:

Section 1. That the City Manager is hereby authorized to execute an intergovernmental agreement with Colorado State University for review of the City's current stormwater best management practices for recommendations on changes on practice and design criteria, including appropriate low impact development practices; monitoring the performance of certain existing stormwater water quality facilities; recommendations on performance and operational changes for existing facilities; monitoring the results of performance modifications; and the pilot testing of selected low impact development practices and best management practices renovation demonstration projects.

Section 2. That, in consideration for these services, the City of Fort Collins will pay to Colorado State University the sum of \$303,012.00.

Passed and adopted at a regular meeting of the Council of the City of Fort Collins this 3rd day of June A.D. 2008.

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Mayor

ATTEST:

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City Clerk

ORDINANCE NO. 063, 2008  
OF THE COUNCIL OF THE CITY OF FORT COLLINS  
APPROPRIATING PRIOR YEAR RESERVES IN THE STORMWATER FUND  
FOR REVIEW OF STORMWATER BEST MANAGEMENT PRACTICES AND  
IMPLEMENTATION OF LOW IMPACT DEVELOPMENT DEMONSTRATION PROJECTS

WHEREAS, the City Council has requested a review of current Stormwater Best Management Practices; and

WHEREAS, such a review supports the Utilities 21st Century Initiative to implement sustainable utility practices; and

WHEREAS, the Urban Water Center at Colorado State University (“CSU”) is recognized nationally as a leader in stormwater best management practices and is engaged in a study of such practices commissioned by the Colorado Stormwater Council; and

WHEREAS, by virtue of Colorado State University’s ongoing work in the field of stormwater best management practices, the Urban Water Center is uniquely positioned to leverage the results of concurrent studies with a review of the City’s stormwater practices; and

WHEREAS, the Colorado Stormwater Council study allows for strong synergy in the review of the City’s stormwater practices and would lower the City’s cost of review due to the participation of graduate students; and

WHEREAS, one of the purposes of UniverCity Connections is to bring CSU, the City of Fort Collins, Downtown, and the Poudre River together in harmony with our natural environment and utilizing the services of CSU to review the City’s stormwater practices would further this purpose; and

WHEREAS, City staff has recommended, and by authorization of Resolution 2008-054, the Council has authorized an agreement between the City and CSU for the above described purposes; and

WHEREAS, the funds needed to carry out the City’s financial obligations under this agreement are available from the Stormwater Fund prior year reserves; and

WHEREAS, Article V, Section 9, of the Charter of the City of Fort Collins permits the City Council to appropriate by ordinance at any time during the fiscal year such funds for expenditure as may be available from reserves accumulated in prior years, notwithstanding that such reserves were not previously appropriated.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF FORT COLLINS that there is hereby appropriated for expenditure from Stormwater Fund Prior Year Reserves the sum of THREE HUNDRED THREE THOUSAND AND TWELVE DOLLARS (\$303,012), to be used to fund the City's obligations under the above-referenced intergovernmental agreement with Colorado State University for the review of the City's stormwater best management practices and implementation of low impact development demonstration projects.

Introduced, considered favorably on first reading, and ordered published this 3rd day of June, A.D. 2008, and to be presented for final passage on the 1st day of July, A.D. 2008.

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Mayor

ATTEST:

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City Clerk

Passed and adopted on final reading on the 1st day of July, A.D. 2008.

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Mayor

ATTEST:

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City Clerk