

Public Works Memo

To: Mayor Fritz Haemmerle
City Council Members

CC: Heather Dawson, City Administrator
Roger Parker, Wastewater Division Manager

From: Tom Hellen, Public Works Director/City Engineer

Date: June 18, 2012

Re: Wastewater Plant Operation Costs

As has been reported to the Mayor and City Council in the past there will be a new NPDES permit from EPA. The expected issue date is no later than the end of June with an effective date of August 1. City staff has been working closely with HDR Engineering on what the impacts of this new permit will have on the current plant operations. Besides a tightening of limits on discharge parameters such as Total Phosphorus and Total Suspended Solids there are an additional parameters being added to the permit resulting in an increase in required reporting, both for discharges from the plant as well as testing in the Big Wood River.

The impact of the new permit will be felt in several ways.

- First, increased reporting requirements will mean increased lab testing and supplies. There are two ways to address this impact: increased payments to outside laboratories or additional staff with DEQ lab certification. The budget will show a request for an additional position as the back-up operator and lab technician.
- Second, in order to meet the new discharge limits the least expensive option is to increase the use of chemicals for coagulation of the wastewater to improve the filtering prior to discharge. Chemical use is also being recommended by HDR to minimize system upsets that have been occurring during the winter and that could have an impact on meeting our discharge limits.
- Third, there will be required purchases of monitoring equipment to meet the new permit. An example of this is a permit requirement for continuous recording of Big Wood River temperature both upstream and downstream of our discharge point.
- Fourth, the permit will require that within 180 days of the effective date we have an updated Quality Assurance Plan, updated O&M plan and a Toxicity

Reduction Evaluation (TRE) workplan. While staff feels they can prepare these documents, with the exception of the TRE workplan, a review by a consultant would be recommended.

In summary, because of these additional requirements there will be additional costs for the wastewater system that will result in an increase to the wastewater rates. My initial estimates for rates for the next fiscal year point to an increase of \$5-6, 14%, for the average residential monthly bill. The final rate recommendation will be presented to the city council during budget hearings.

AGENDA ITEM SUMMARY

DATE: 06/18/2012 DEPARTMENT: Public Works DEPT. HEAD SIGNATURE: [Signature]

SUBJECT: Irrigation Main Extension from Woodside Blvd. to Balmoral and Keefer Parks

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

Overview
Presented is the preliminary design for extending the newly installed 6" irrigation main from Woodside Blvd. to Balmoral and Keefer parks. This will allow the parks to be irrigated with surface water from the Hiawatha Canal when the pumping infrastructure is completed. The opinion of probable costs is \$93,700 (2011) without a contingency. Prices could be significantly higher due to the 2012 increase in construction activity.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle# _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: Jim Zarubica Phone # 788-9830 ext. 17
Comments:

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

<input type="checkbox"/> City Attorney	<input type="checkbox"/> Clerk / Finance Director	<input type="checkbox"/> Engineer	<input type="checkbox"/> Building
<input type="checkbox"/> Library	<input type="checkbox"/> Planning	<input type="checkbox"/> Fire Dept.	
<input type="checkbox"/> Safety Committee	<input type="checkbox"/> P & Z Commission	<input type="checkbox"/> Police	<input type="checkbox"/> Streets
<input checked="" type="checkbox"/> Public Works	<input type="checkbox"/> Parks	<input type="checkbox"/> Mayor	

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD: Motion to approve and authorize final design and solicitation of bids for construction.

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:
Date _____

City Clerk _____

FOLLOW-UP:
*Ord./Res./Agmt./Order Originals: Record
Copies (all info.): _____
Instrument # _____

*Additional/Exceptional Originals to: _____
Copies (AIS only)

Draft 12-30-03

AGENDA ITEM SUMMARY

DATE: 06/18/12

DEPARTMENT: Sustainability

DEPT. HEAD SIGNATURE: My

SUBJECT: Build Better Program - 2nd reading of Ordinance 1105

AUTHORITY: ID Code _____ IAR _____ City Ordinance/Code _____
(IF APPLICABLE)

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED: The Build Better Program (BBP) was originally proposed as a mandatory program by staff, but was later adopted as a voluntary program in January 2011, with review required by the Council and Mayor in 2012.

On June 4, 2012, the Council approved the extension of the program as a voluntary program until January 2013, at which point it would be reviewed by the Council again for consideration as a mandatory program. The Council also approved an amendment to allow prescriptive measures to be followed instead of requiring a HERS rater to perform testing and modeling for new residential construction only.

FISCAL IMPACT / PROJECT FINANCIAL ANALYSIS: Caselle # _____
Budget Line Item # _____ YTD Line Item Balance \$ _____
Estimated Hours Spent to Date: _____ Estimated Completion Date: _____
Staff Contact: _____ Phone # _____
Comments: _____

ACKNOWLEDGEMENT BY OTHER AFFECTED CITY DEPARTMENTS: (IF APPLICABLE)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> City Administrator | <input type="checkbox"/> Library | <input type="checkbox"/> Benefits Committee |
| <input checked="" type="checkbox"/> City Attorney | <input type="checkbox"/> Mayor | <input type="checkbox"/> Streets |
| <input type="checkbox"/> City Clerk | <input type="checkbox"/> Planning | <input type="checkbox"/> Treasurer |
| <input type="checkbox"/> Building | <input type="checkbox"/> Police | _____ |
| <input type="checkbox"/> Engineer | <input type="checkbox"/> Public Works, Parks | _____ |
| <input type="checkbox"/> Fire Dept. | <input type="checkbox"/> P & Z Commission | _____ |

RECOMMENDATION FROM APPLICABLE DEPARTMENT HEAD:

Motion to approve the 2nd Reading of Ordinance 1105

ADMINISTRATIVE COMMENTS/APPROVAL:

City Administrator _____ Dept. Head Attend Meeting (circle one) Yes No

ACTION OF THE CITY COUNCIL:

Date _____

City Clerk _____

FOLLOW-UP:

*Ord./Res./Agrmt./Order Originals: Record
Copies (all info.): _____
Instrument # _____

*Additional/Exceptional Originals to: _____
Copies (AIS only)

