

AGENDA ITEM SUMMARY

DATE: 3/18/13 **DEPARTMENT:** PW - Wastewater **DEPT. HEAD SIGNATURE:** _____

SUBJECT: Discussions of options presented by HDR Engineering for Wastewater Treatment Plant biosolids project, including removal of dome

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

BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:

The preliminary engineering report for a new biosolids facility was presented at the council meeting on March 4 with a good discussion on the intent of the project and scope of work including what the disposal options are. Going to a Class A biosolids (usable as fertilizer immediately) was dropped from the recommendation due to both the high capital and ongoing O&M costs with no discernible market to recover costs.

There may be some possibilities for ways to reduce the cost with different equipment than currently proposed, or phased construction (the design is for future flows so there may be ways to delay some equipment purchases).

The report prepared by HDR Engineering is a 30% design preliminary engineering report and the cost estimate for it has a -15%, +30% degree of accuracy (Cost Engineering standards) which gives a range of cost, including engineering, of \$3.3 – 5.1 million. For a bond election we will need to specify an amount of the bond. Right now that would be a guess, albeit a fairly educated one.

A successful bond election in May would allow design to proceed through the summer, DEQ would be able to review and approve the project and bidding could be set for a more favorable time period; Jan – Feb; with construction in 2014. With a bond in place the design engineering costs would be covered with the bond funds.

Delaying a bond election beyond May would allow time to proceed with additional design engineering (60% design would have a -10%, +20% range). Additional engineering costs will require a review of the wastewater budget for increasing rates to cover the additional expense in order to remain in compliance with the refinanced bond requirements.

A spreadsheet with options for discussion is attached.

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 type="checkbox"/> City Administrator	<input type="checkbox"/> Library	<input type="checkbox"/> Benefits Committee
<input 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:

Discuss fully.

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)

