

**AGENDA ITEM SUMMARY**

DATE: 1/6/14 DEPARTMENT: PW - Wastewater DEPT. HEAD SIGNATURE: [Signature]

SUBJECT: Biosolids Project Update

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

**BACKGROUND/SUMMARY OF ALTERNATIVES CONSIDERED:**

The attached memo from HDR outlines the current status of the Biosolids project work and notes the schedule for the next three months.

**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:**

**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 \*Additional/Exceptional Originals to: \_\_\_\_\_  
Copies (all info.): \_\_\_\_\_  
Copies (AIS only) \_\_\_\_\_  
Instrument # \_\_\_\_\_

|                             |                                      |
|-----------------------------|--------------------------------------|
| To: Tom Hellen, PE          |                                      |
| From: HDR Engineering, Inc. | Project: Solids Handling Improvement |
| CC:                         |                                      |
| Date: January 2, 2014       | Job No: 211869                       |

**RE: January 2, 2014 Progress Update**

Detailed design for the Solids Handling Improvement Project was initiated at the end of November following the City's decision to move forward with the recommended project from the Preliminary Engineering Report. While the City is not pre-purchasing the equipment prior to the design completion, the City staff determined that the design of the thickening and dewatering facilities should assume that FKC equipment will ultimately be selected. To date, the HDR design team has confirmed sizing for the digesters and thickening and dewatering units, as well as developed the building layout including the piping plan, determined the electrical and instrumentation requirements, and sized the HVAC equipment for the building for the 60% design set.

The project schedule was delayed approximately four weeks while the City reviewed and considered the out-of-scope FKC-patented Class A treatment concept. While this impacted the design phase initiation, HDR anticipates that the 90 percent design specifications, drawings, and cost opinion will be complete prior to April 4, 2014, which is the final date for the City to call the bond election. In order to maintain this adjusted schedule, City staff will be providing compiled comments on the specifications and drawings at the 60 percent coordination meeting, planned for January 27. The 60 percent cost opinion will be developed concurrent with the City's review of the 60 percent technical submittal and will be provided approximately three weeks later. These steps are required to keep the project on schedule to meet the bond election timing.