

MINUTES
CITY COUNCIL WORKSHOP
CITY OF ARCADIA
TUESDAY, NOVEMBER 15, 2011
5:00 PM

CALL TO ORDER

The workshop session was called to order at approximately 5:00 PM with the following members and staff present:

Arcadia City Council

Deputy Mayor Alice Frierson
 Councilmember Robert Allen

Councilmember Joseph E. Fink

Arcadia City Staff

City Administrator Lawrence Miller
 City Attorney Jason Henbest

City Recorder Virginia Haas
 Asst. City Administrator Judi Jankosky

1. Arcadia Water Treatment Plant Improvements and Water Supply Well

Julie L. Karleskint, P.E., Hazen and Sawyer
 A.J. Berndt, Water Treatment Plant
 Jorge Santana, Finance Department

• Introduction & Purpose

Julie Karleskint, Hazen and Sawyer, stated the purpose of the workshop is to update the current Council on the proposed Water Treatment Plant Project. She stated that A.J. Berndt, WTP Supervisor and Finance Director, Jorge Santana were present to answer any related questions. Ms. Karleskint stated that she would be covering issues, cost impacts, scheduling, options as well as benefits of the new Water Plant.

• Issues

Ms. Karleskint explained that the current Water Plant issues are as follows: 1) Existing plant has reached the end of its serviceable life (over 40 years old). 2) FDEP Consent Order requires elimination of current method of lime sludge disposal by December 2013. 3) The City is obligated to provide citizens of Arcadia with safe drinking water. 4) Electrical issues due to past flooding 5) Antiquated equipment 5) Corrosion causing nonfunctional controls and 6) numerous cracks in structures.

• Cost

Ms. Karleskint stated the total estimated project is \$8.2 million with breakdown as follows: SRF Grant in the amount of \$204,000, SRF \$5 million loan and SRF loan forgiveness of \$3

million. Cost to the City would be \$5 million with \$1 million in contingencies which may or may not be used. She stated that there may be one additional amendment to true up the actual project cost. She reviewed other options such as water from the County which would cost approximately \$1.3 million per year as compared to the City providing water at a cost of \$740,000 per year. Dr. Miller reminded that should the project not move forward any unexpended funds would be returned to FDEP and the process would have to start over. Ms. Karleskint compared County versus City water rates. She responded to Councilman Fink that the current plant has a 1.4 capacity while the new plant has a 1.5 projected capacity which could be expanded. There was some discussion regarding the elevated storage tank and the 47 PSI maximum. Ms. Karleskint responded to Councilman Fink that the loan rates and grant forgiveness were guaranteed and the Engineering plans indeed belong to the City.

Mr. Berndt responded to Councilman Allen that due to the "cone of influence" the new well should help reduce levels and balance the wells.

- Construction Schedule

Ms. Karleskint reviewed the anticipated constructed schedule with final completion during March of 2013.

- Benefits

Ms. Karleskint noted that the City can expect improved water quality, improved reliability, reduced operating cost, better control of system pressure, control of water rates and future capability of annexations.

Ms. Karleskint reviewed the components of the new plant to include: New water supply well, new operations building, pumping, ion exchange columns, disinfection and chemical feed facilities, new generator, stormwater system, fencing, site security, new roadway and elimination of lime sludge ponds. She showed the proposed plant layout, floor plans and elevations of the operations building.

She responded to Mr. Frierson that the plant is upgradeable using the blending method and reviewed the ion exchange process utilizing salt. She also reviewed the award process, repayment of loan and capitalized interest. Mr. Ernie Hewett stated that the economics are in the City's favor to own their own utilities.

Mr. Santana responded to Mr. Frierson that the WWTP loan was paid in full and the only remaining loan is the utility bond.

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ADJOURN

Having no further business, the workshop was adjourned at 5:50 PM.

APPROVED THIS 6th DAY OF December 2011.

By:

Keith Keene

Keith Keene, Mayor

ATTEST:

Virginia S. Haas

Virginia S. Haas, CMC
City Recorder