

# CITY COUNCIL

DATE OF PREPARATION: March 28, 2007

**TO:** Mayor and City Council  
**FROM:** William Way, City Manger  
Greg Fielding

**SUBJECT:** Approval of Gas line extension for WWTP

.....

**Background:**

As you know we are in the process of having a sludge dehydration unit being built for processing of the City Treatment Facility's waste sludge. This dryer is capable of using multiple sources of fuel for firing. Initially, it was decided to go with propane for the fuel source. My initial dealings with air quality lead me to believe that propane was a clean enough fuel for use, however after providing the NOx emission values to them propane emissions were still a little high. I met informally with Bill Way, Terry Hicks, and Tony Langin regarding additional cost for the lower emission burner and it was suggested that we look into extension of the natural gas main from Calhoun Drive and Trumbull Street to our facility. The main holdup of this entire project has been the Gas Company. They initially bid us a figure of eighty thousand dollars for the one half mile of gas main extension if they did the entire job. I was told it would be significantly cheaper if we did the trenching. The final contract was verbally okayed for twenty nine thousand if trenching is done in-house. The main advantage of having natural gas is not having propane tanks on-site, the increasing costs of LPG and the frequency of tank filling. The City will also be able to recover some of the cost by future development on Calhoun with connection fees to the gas main. The cost difference between the NOx burners is about forty thousand dollars (70,000.00 for the ultra low NOx -29,000.00 for the low NOx). I believe it would be in the City's best interest for the future to use natural gas as the fuel for this unit.

**RECOMMENDATION:**

The Council approve Gas line extension and authorize the City Manager to execute all necessary documents.

**FISCAL IMPACT:** \$29,000.00 to be funded out of Sewer Connection Fees

**ENVIRONMENTAL ACTION:** None

T:\doc\06401.13\stf rpt approve PM 11346.doc