



# City of CHARLOTTE

## MEMORANDUM

TO: Mayor Lewis and City Council Members

FROM: Gregg Guetschow, City Manager

SUBJECT: Addition to Moore & Bruggink Contract

DATE: July 8, 2016

You will recall that, during a recent Council meeting, Council member Mitchell suggested an alternative approach to the construction of a stand-alone chemical building for the ferric chloride tanks at the waste water treatment plant. Last week, Amy Gilson, plant assistant superintendent Ford Hamman, Mr. Mitchell and I met with representatives of Moore & Bruggink at the plant to discuss his idea.

Based on the discussion, it was decided to explore two ideas. The first is a redesign of the current chemical storage area that would replace the roof over the ferric chloride tanks with a cupola-type structure that could be removed to allow for replacement of the tanks now and in the future. The second is to evaluate alternative construction materials for a stand-alone building that might lower its cost.

Moore & Bruggink has prepared a proposal for studies related to these options with a not-to-exceed cost of \$6900. This work stops well short of a full design for these options. It is intended to establish the feasibility of the options and provide information sufficient to determine whether the alternatives are cost effective as compared to the separate building.

Should Council choose to pursue the construction of the cupola on the existing building, a further amendment to the Moore & Bruggink contract will be required for the additional design work required to proceed to bidding. That contract was authorized at a cost not to exceed \$64,000. Not all of those funds have been expended to date but we would expect the move to the redesign of the existing building to result in total costs exceeding that amount.

A copy of Moore & Bruggink's letter proposal will be found elsewhere in the agenda packet.