WATER AND SEWER PIPE WORKGROUP

Kickoff Meeting April 21, 2010

Attendees:

Jesse Gonzales, City of Peoria

Gordon Tyus, MAG

Scott Zipprich, Town of Buckeye

Mike Sanders, NUCA, Copper Creek

Jin Badowich, City of Avondale

Brian Schram, Rinker Materials

Opening discussion involved general direction the workgroup would take and some of the first items to tackle. Pipe cleanliness throughout the time it is delivered to the job site to the time each joint is “homed” to the preceding joint was identified as a key item to be resolved. This issue is at the heart of the Tempe case introduced by Tom Wilhite and had quite a bit of research and time spent discovering the ramifications of not keeping the pipe clean, this of course led to HPC research.

The next item discussed was how to achieve proper flushing of foreign materials from the pipe through a 2” corpstop and riser. Consensus had it that we would have to look into larger flushing pipe diameters to flush deleterious materials from the line. The unique problem faced by some jurisdictions that are exclusively on well water and therefore did not have the flexibility to use large quantities of system potable water for flushing was discussed; alternate means of accomplishing the same desired results with low water usage was a target goal.

The use of reclaimed water for dust control in some agencies was seen as detrimental to keeping the pipe clean and may be linked to

HPC failures. Tarping the pipe upon delivery and possible screening from water wagon oversprays were discussed.

Furnishing materials on HPC gathered from various EDU's for information on what causes this troublesome problem was discussed.

A procedure for contractors developing a baseline for chlorine residual should probably be developed so once a system is chlorinated & flushed it does not fail due to fill water from the municipal system falling short on chlorine, this will cut down on wasted water through going through the process over and over.

A heads up that the main committee members would be receiving a draft re-write of 616 and the draft of on-site 616 (reclaimed water)