



**Croton-on-Hudson**

**ENGINEERS OFFICE**

Stanley H. Kellerhouse Municipal Building  
One Van Wyck Street, 2<sup>nd</sup> floor  
Croton-on-Hudson, NY 10520-2501

*Mayor*  
Leo A.W. Wiegman

*Trustees*  
Ann H. Gallelli  
Maria Slippen  
Kevin Davis  
Andrew Levitt

*Village Manager*  
Abraham Zambrano

*Assistant Village Manager*  
Janine King

*Village Treasurer*  
Sandra Bullock

*Village Engineer/Building Inspector*  
Daniel O'Connor, P.E.

*Asst. Building Inspector/Assessor*  
Joseph Sperber

*Fire Inspector*  
Peter Anfitatro

**MEMORANDUM**

To: Abe Zambrano  
From: Daniel O'Connor  
Subject: Design of Corrosion Control System  
Date: 6/19/14

The Village is required to sample customer homes for lead and copper, during the January to June 2014 sampling period the copper sample results (1.58 mg/l) exceeded the copper action level (1.30 mg/l). The Westchester County Health Department issued a "Notice of Copper Action Level Exceedance" dated 5/7/14 (attached). We also met with the WCHD on 5/19/14 during which time the Village was told that it needed to move ahead with the installation of a corrosion control system to reduce the copper levels to below the action level.

Chazen Engineering completed a Corrosion Control report for the Village in February 2007 (copy attached) which recommended the use of zinc orthophosphate as the corrosion control additive for the Village water system.

Chazen Engineering was ask to submit a proposal (attached) for the updating of the 2007 Corrosion Control Report and to prepare a design report, and plans, and after WCHD approval of the design, contract documents for the bidding of the work. The WCHD has requested that the updated Corrosion Control report be submitted to them ASAP so that they can approve the use of zinc orthophosphate after which the detailed design process can begin. The amount the proposal is \$47,750.00 which includes six meetings.

Please place this on the next available Village Board agenda.

If any additional information is needed please let me know.  
Enc.

cc: John Spatta  
Jan Wines