

Regular Meeting of the Board of Trustees of the Village of Croton-on-Hudson, NY was held on Monday, September 17, 2007 at the Municipal Building, Van Wyck Street, Croton-on-Hudson, NY 10520.

The following officials were present:

Mayor Schmidt	Trustee Brennan
Village Manager Herbek	Trustee Gallelli
Village Attorney Staudt	Trustee Kane
Treasurer Zambrano	Trustee Konig

1. CALL TO ORDER:

Mayor Schmidt called the meeting to order at 8:00 p.m. Everyone joined in reciting the Pledge of Allegiance

2. APPROVAL OF VOUCHERS:

Trustee Brennan made a motion to approve the vouchers as follows, subject to review by the Audit Committee. The motion was seconded by Trustee Kane and approved unanimously.

General Fund	\$ 31,120.20
Water Fund	745.27
Sewer Fund	5,960.10
Trust & Agency	270.76
Capital Acct.	7,520.12
Total	\$45,616.45

3. PRESENTATION

Nancy Clark and Michael Bannon from the Chazen Company did a presentation on the Village's proposed corrosion control program. See attached PowerPoint report.

Discussion: Mayor Schmidt stated that this is a presentation of what can be done and is not a commitment on the part of the Village. Trustee Brennan added that this additive will be a low dose. Trustee Kane asked how much of the chemical would be used annually. Mr. Bannon replied approximately 50,000 to 200,000 gallons a year. Trustee Gallelli asked what other down sides would there be to do nothing. Mr. Bannon replied that right now the Village is in compliance, but if it were let go, there may be a health problem and if in non-compliance, the County would mandate sampling 4 times a year instead of once a year; however, getting out in front of this, it will be a non-essential process. Mayor Schmidt stated that the aging system is the cause of the brown water and getting ahead of the situation alleviates the homeowners from having to possibly replace the entire water system in their house. Mayor Schmidt added that this also does prolong the life of pipes, including the new pipes, will help domestic fixtures last longer and this is being pro-active as other municipalities have also done. Trustee Gallelli asked what alternatives there are to corrosion control. Mr. Brannon replied not a lot unless you had all new pipes; this is the only solution for lead and copper pipes. Jan Wines added that the Catskill water system has a lower PH than in Croton's, having had experience

with other water departments that have done this; it is safe and it works well. Trustee Brennan stated that he believes this additive will help with the brown water and will coat the pipes; they will talk about this more in the future with the consultants and the residents. Trustee Gallelli clarified that Croton does not have any problem with the water coming out its wells, it is the way the water gets to the homes. Trustee Konig asked that this presentation be posted on the Village web site. Engineer O'Connor stated that they have been working on this for several years; the brown water issues have been moderate; this is the means to address corrosion on an economical basis; replacing pipes is a long and expensive process; a computer modular can be done of the distribution system showing where the water quality problems are; addition of the additive will help the dead ends, but they will be more of a problem; all water storage tanks were robotically inspected and they are in good condition; however, water temperature rises in the tank on North Highland in the summer and they are looking at a mixing solution to de-stratify the tank to keep the temperature at a more manageable level. Mayor Schmidt stated that the brown water issue is being addressed and replacing the entire system and pipes in homes would be the only way to specifically address lead and copper. Village Engineer O'Connor added that new houses would probably not have any lead problem, but older houses with lead pipes will probably have higher lead levels and he is trying to help the entire system by reducing the lead level which is a fantastic public health benefit.

Public Discussion: Bob Wintermeir, Radnor Ave., stated that the chemical looks like it is pretty good and it is used in dental work, so must be fairly safe, but he has some concerns about handling by employees that, if the concentrated chemical is spilled, it may be a hazard. Mayor Schmidt replied that they have reviewed the procedures for handling this chemical and will be part of the report. Bob Wintermeir asked if the levels in the water supply accidentally get too high, are there warning devices? Mayor Schmidt stated this would be a monitored system and the Water Dept. would be aware. Bob Wintermeir stated someone should look at the copper and lead levels in the Village and see if they are on the increase. Bob Wintermeir added he saw a report about this chemical and read that there may be an alternative product. Village Engineer O'Connor asked Mr. Wintermeir to send him the material and he will look it over.

Dan Ferguson, Alexander Lane, stated that he is concerned about indoor plumbing and would like something in writing from the Village that this is safe and also would like to know what the affect of this chemical is on water filters. Village Engineer O'Connor replied that this will pass through the filter. Mr. Ferguson replied that he would like a study on how it affects human "plumbing"; he has seen no medical research and would like to.

Phyllis Morrow, Nordica Drive, asked Engineer O'Connor asked if there is a report done to compare street to street and neighborhood to neighborhood on the results of the testing. She asked if this affects the entire water system at one time or by neighborhood. Mayor Schmidt added that it is the entire system and would require tremendous equipment costs to have a customized distribution system. Ms. Morrow stated that she hopes this would not supersede replacement of pipes that need to be replaced. Mayor Schmidt replied that the replacement process will continue as funds become available. Trustee Konig asked if Mr. Ferguson's concerns could be address as far as this being a safe additive. Mr. Bannon replied that they

will be adding approximately 1% of the normal daily requirement for human consumption of phosphate.

Trustee Gallelli asked where the Village will be going on this next. Village Manager Herbek replied that it will be discussed at a work session and brought back to a regular Board Meeting for further discussion.

4. CORRESPONDENCE:

Village Manager Herbek read the following correspondence (full text available at the Village Office):

- a) A memo from Chris Kehoe, Planning Board Chair, regarding the proposed Omnipoint Communications Wireless facility at the Municipal Building, 1 Van Wyck St., including all documents they reviewed and their recommendations.
- b) A letter from Mark Mannix, Metro-North Railroad regarding their 2007 Croton Harmon Open House to be held on October 20, 2007 and requesting the use of the parking lot during the event. Trustee Brennan made a motion to approve the request, seconded by Trustee Gallelli, approved by all.
- c) The Notice of Tentative State Equalization Rate for the 2007 Assessment rolls from NY State Board of Real Property Services; the tentative rate for the Village for 2007 is 6.8%, a slight drop from last year.
- d) A request from Danny Oks for renewal of the special permit for Something Good in the World.
- e) A request from Cynthia Lippolis for the use of the Village's parking lot at the train station for the annual Croton Rotary Car Show to be held on Sunday, October 14th, with a rain date of the 21st; a certificate of insurance will be provided and they ensure that the area will be cleaned up after the event. Trustee Kane made a motion to approve the request, seconded by Trustee Gallelli, approved, with Mayor Schmidt abstaining.

5. CITIZEN PARTICIPATION-Agenda Items

Bob Wintermeier, 43 Radnor Ave., regarding Something Good in the World, he has heard complaints about getting through on the street when kids are being dropped off and asked if this is being addressed. Mayor Schmidt stated that a lot of the parking problems are from high school students parking while at school. Trustee Kane replied that the ZBA has addressed that and agree it is the student's parking, not the school, causing the problem.

6. RESOLUTIONS:

- a) On motion of TRUSTEE KANE seconded by TRUSTEE GALLELLI, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York

WHEREAS, the Treasurer wishes to open both sides of the General Fund, Water Fund and Sewer fund budgets to cover the cost of operating expenses, amending the 2006-2007 General Fund, Water Fund and Sewer Fund budgets as detailed in the attached schedules;

NOW THEREFORE be it resolved that the Village Treasurer is authorized to amend the 2006-2007 General Fund, Water Fund and Sewer Fund budgets to reflect these changes.

- b) On motion of TRUSTEE KANE, seconded by TRUSTEE KONIG, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York:

WHEREAS, Omnipoint. has applied for a special permit to construct a personal wireless services facility at 1 Van Wyck Street; and

WHEREAS, this matter has been referred to the Planning Board for its recommendation and review; and

WHEREAS, on July 16, 2007 the Village Board of Trustees declared itself lead agency for the purpose of conducting a coordinated environmental review of the proposed installation of the personal wireless services facility at 1 Van Wyck Street; and

WHEREAS, Frederick P. Clark Associates, the consultant hired for this review by the Planning Board, has prepared Parts 2 and 3 of the Environmental Assessment Form; and

WHEREAS, the Village Board of Trustees has now received a favorable recommendation from the Planning Board regarding this application,

NOW, THEREFORE BE IT RESOLVED: that the Village Board of Trustees hereby calls for a Public Hearing on October 15, 2007 at 8pm in the meeting room of the Stanley H. Kellerhouse Municipal Building to consider the special permit application of Omnipoint for a Wireless Facility at 1 Van Wyck Street.

- c) On motion of TRUSTEE GALLELLI, seconded by TRUSTEE KANE, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York:

Water Quality Improvement Projects and
Nonagricultural Nonpoint Source Projects
Municipal Resolution

Resolution authorizing the items listed below pursuant to the Bond Acts enacted in 1965, 1972 and 1996 and the Environmental Protection Fund, as well as federal grant awards available for such projects.

WHEREAS, The Village of Croton on Hudson, herein called the "Municipality", after thorough consideration of the various aspects of the problem and study of available data, has hereby determined that certain work, as described in the Project Work Plan prepared by Westchester County and submitted to the New York State Department of Environmental Conservation, is desirable, is in the public interest, and is required in order to implement a public education and outreach program; and

WHEREAS, the Environmental Conservation Law ("ECL") authorizes State assistance to municipalities for water quality improvement projects by means of a contract, and the Municipality deems it to be in the public interest and benefit under this law to be a municipal partner to the County's contract with the State for the Project;

NOW, THEREFORE, BE IT RESOLVED BY the Board of Trustees

1. That Richard F. Herbek, Village Manager, or such person's successor in office, is the representative authorized to act in behalf of the Municipality's governing body in all matters related to State assistance under ECL Articles 17, 51 and 56 and/or any applicable federal grant provisions. The representative is also authorized to enter into an intermunicipal agreement with Westchester County to work with and through the County of Westchester as the lead party to make application, execute the State Assistance Contract, submit Project documentation, and otherwise act for the Municipality's governing body in all matters related to the Project and to State assistance; and
 2. That the Municipality agrees that it will fund its portion of the cost of the Project through eligible in-kind services and that resources will be available to meet the Municipal Partner commitment by the contract end date (March 1st, 2009); and
 3. That one (1) certified copy of this Resolution be prepared and sent to the Westchester County Department of Planning; and
 4. That this Resolution take effect immediately.
- d) On motion of TRUSTEE BRENNAN, seconded by TRUSTEE GALLELLI, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York:

WHEREAS, the Village is considering the renewal of the Special Permit for Something Good in the World; and

WHEREAS, this project is considered an unlisted action under SEQRA and a short EAF has been prepared; and

WHEREAS, there are no other involved agencies, and coordinated review is not required,

NOW, THEREFORE BE IT RESOLVED: that based upon the short environmental assessment form the Village Board of Trustees hereby adopts the negative declaration with respect to the Special Permit Renewal for Something Good in the World.

- e) On motion of TRUSTEE BRENNAN, seconded by TRUSTEE KANE, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York:

WHEREAS, Danny Oks has applied for a renewal of the Special Permit for Something

Good in the World; and

WHEREAS, the permit was originally issued for 3 years with the understanding that it would be renewed upon the written request by the applicant; and

WHEREAS, on June 18, 2007 the Village Board of Trustees extended the permit for 60 days while the applicant went before the Zoning Board of Appeals; and

WHEREAS, on July 11, 2007, Something Good in the World received all the necessary variances from the Zoning Board of Appeals,

NOW THEREFORE BE IT RESOLVED: that the Village Board of Trustees hereby approves the Special Permit for the operation of a school by Something Good in the World at 138 Maple Street subject to the following conditions:

1. The number of students attending and present at school at any given time is limited to 24 on the premises at one time.
 2. The paper road adjacent to the premises will not be used to drop off or pick up children.
 3. The existing ingress/egress for the school, through the side yard into the fully enclosed backyard, will remain as the mandatory and sole entrance to the school for all parents and children.
 4. The proposed school at this location will not extend beyond second grade so that the physical size of the students can be reasonably accommodated without crowding in the existing building.
 5. The Special Permit is valid for the operation of a nonpublic school, as defined by the New York State Education Department (NYSED). In the event the holder of the Special Permit files an application with the New York State Education Department or with the Board of Trustees of the State University of New York to become a charter school within the meaning of Article --- of the Education Law of the State of New York, the Special Permit shall be immediately null and void.
 6. The Special Permit shall have a term of three years, commencing on the approval date of this resolution and shall be renewable at the written request of the permit holder. The renewal request may be made at any time during the final year of the renewal term and at that time the permit holder may request a term longer than three years.
- f. On motion of TRUSTEE KONIG, seconded by TRUSTEE BRENNAN, the following resolution was adopted unanimously by the Board of Trustees of the Village of Croton-on-Hudson, New York:

WHEREAS, the Village is considering the construction of a facility for its Department of Public Works at 1A Croton Avenue; and

WHEREAS, the Village has declared itself lead agency for the review of the proposed facility under the State Environmental Quality Review Act; and

WHEREAS, the Village contracted with AKRF, Inc. to prepare an Expanded Environmental Assessment Form; and

WHEREAS, AKRF, Inc. has prepared an Expanded Environmental Assessment Form; and

WHEREAS, staff and counsel to the Village have reviewed the Expanded Environmental Assessment Form;

NOW, THEREFORE BE IT RESOLVED, that the Village Board of Trustees of the Village of Croton-on-Hudson accepts the Expanded Environmental Assessment Form and authorizes its release to the public.

7. CITIZEN PARTICIPATION – NON-AGENDA ITEMS:

Phyllis Morrow, Nordica Drive, thanked Village Manager Herbek for the trash can. She stated that there is a need to repair or replace the roof of the pump house and asked how it can be an official request. Village Manager Herbek replied that he had the roof inspected and the report is that the roof is fine. Ms. Morrow asked if the moss could then be power washed.

8. APPROVAL OF MINUTES:

Trustee Brennan made a motion to approve the minutes of the Regular Board Meeting held on September 4, 2007 as corrected. Trustee Gallelli seconded the motion. The Board voted unanimous approval.

9. REPORTS:

Village Manager Herbek recognized three Village employees: 1) Artie Neff, who received a 30 year certificate from NYS Conference of Mayors and Municipal Officials for his service. Village Manager Herbek gave a history of Mr. Neff's many accomplishments. 2) Louise Campagna, Dept. of Public Works, who was hired in 1982. 3) Marco Gennarelli, DPW Superintendent, who came to the Village having worked previously in Mamaroneck, Hastings, and Westchester County; today is his first day here. Village Manager Herbek stated that the Village is lucky to have employees of this quality and dedication.

Treasurer Zambrano reported they are preparing for the annual audit; when completed they will issue a management letter.

Trustee Konig congratulated everyone who was involved in the new Teen Room and encouraged everyone to check it out and take advantage of the rooms. She reported that tomorrow is primary day and voting will be done in the Town of Cortlandt.

Trustee Kane welcomed Marco Gennarelli to the Village of Croton and thanked Artie and Louise for their long years of service. Trustee Kane reported that the raptor count at the park has started and will be done by volunteers for the next two months.

Trustee Gallelli reported that the Nextel crane test did occur and consultants from Nextel were there; the Villas has not received their report or pictures, but she and Engineer O'Connor have taken pictures; there will be more crane tests for radio frequency testing. Trustee Gallelli added that the Seniors had their final end of season picnic at Senasqua and was very well attended. Trustee Gallelli reported that the Fire Dept. inspection and picnic was held at the Harmon Firehouse and was very impressive as it usually is. Trustee Gallelli added that the game room will be a fine addition to the Village recreation program.

Trustee Brennan reported that he missed the fireman's inspection because of work, but they are very valuable in the community. The Community Center Committee will be meeting with the Board, staff and mayor and hope something can be developed. Trustee Brennan added that he had the opportunity to be at the train station and was struck at how clean the station looks; he saw the DPW working there and doing a great job. He thanked the staff, the Village Manager and Treasurer Zambrano for doing a good job. He asked for support of the high school student teams. Trustee Brennan stated that he saw some of the pictures of the crane test; hopefully, when received, the official pictures can be put on the web site and residents can draw their own conclusions.

Mayor Schmidt reported that the ribbon cutting downstairs today went very well. Mayor Schmidt also reported that Wed. evening at 7:30 there will be a meeting of property owners, merchants in the Harmon area. He also attended the ribbon cutting for the grand reopening of ShopRite; they gave a \$500.00 donation to the Croton Caring Committee and sponsored the luncheon for the Seniors. Mayor Schmidt added that this Board is still struggling with the issue of 1A Croton Point Ave. and are looking at the possibility of acquiring this property.

Trustee Brennan made a motion to go into Executive Session to discuss ongoing litigations with 1A Croton Point Ave. and a brief report on the Stricklin situation. Trustee Gallelli seconded the motion; approved unanimously.

Trustee Brennan made a motion to adjourn the meeting; second by Trustee Konig; approved unanimously. The meeting was adjourned at 9:50 pm.

Respectfully submitted,

Phyllis A. Bradbury

Phyllis A. Bradbury, Secretary

Village Clerk



CORROSION CONTROL PROGRAM

Village of
Croton-on-Hudson

September 17, 2007

THE
Chazen
COMPANIES

▪ Introduction

- Summarize previous findings
- Purpose of this presentation
 - Detailed discussion of corrosion control program
 - Reason
 - Additives
 - Equipment Additions & Modifications

Corrosion Control Program – Purposes

- “Brown” Water Control
- EPA – Lead & Copper Rule
 - Lead levels reduced
 - Lead \leq 15 ppb
 - Copper \leq 1.3 ppm
- Increased system lifespan
 - Public Water Supply System
 - Customer Plumbing System
- Improved system operations

Corrosion Control Program

- Commonly used in communities with older distribution systems
- Westchester County Statistics
 - Widely Utilized
 - County Water District #1
White Plains, Yonkers, Scarsdale
 - County Water District #3
Westchester Medical Center, NYSDOT
WCDPW, NY Medical College

Corrosion Control in Westchester County (Cont.)

- Ossining
- New Castle
- Harrison
- Pleasantville (V)
- Mt. Pleasant
- Peekskill
- Yorktown
- Somers
- Mt. Vernon
- New Rochelle
- Mount Kisco (T&V)
- Irvington
- Elmsford (V)
- Cortland
- Montrose

Water Supply Influences on Pipe Corrosion

- pH
- Alkalinity/Hardness
- Temperature
- Dissolved Oxygen Concentration

Croton Water Supply Chemistry (circa 2005)

- pH \approx 7.25 (neutral = 7.0)
- Temperature 10-21° C
- Alkalinity 100-110 mg/L
- Hardness \approx 135-160 - Moderately Hard (Moderately Low on Hardness Range)

Corrosion Control Program – Additives

- Orthophosphates
- Zinc Orthophosphates
- Polyphosphates
- Zinc Polyphosphates
- Ortho/Poly Blends
- Silicate Phosphate Blends

200+ variants ANSI/NSF Standard 60 (Drinking Water-Health Effects) Certified

Compatibility

Additive	pH		Hardness	
	Hi	Lo	Hi	Lo
Ortho	✓	✓	✓	✓
Poly	✓			✓
Silicate	✓			✓

Recommendation

Zinc Orthophosphate

- Most commonly used corrosion control additive.
- Works over a wide range of system conditions.
- Positive results for all types of supply piping.
- Does not form soluble complexes that may precipitate, as with polyphosphates.

Zinc Orthophosphate – ZnPO_4

Components:

1. Inert liquid
2. Phosphoric Acid
3. Zinc Chloride

How does it work?

- Completely soluble in water.
- Zinc Orthophosphate forms an insoluble protective film on pipe walls at cathodic areas of corroded pipe surface. Also, bonds with iron, lead, and galvanized pipe.
- Zinc ion will bond with other anions to also form a protective film on pipes.

Additive Dosing Rate

Initial (Passivation) Dose ≥ 5 mg/L

Ultimate (Maintenance) Dose ≈ 3 mg/L

1 mg/L \approx 1 PPM

Therefore, at 5 mg/L, 5 gallons of ZnPO_4
per 1,000,000 gallons water.

Target

Achieve a residual zinc concentration of ≈ 1 mg/L throughout the distribution system.

Results

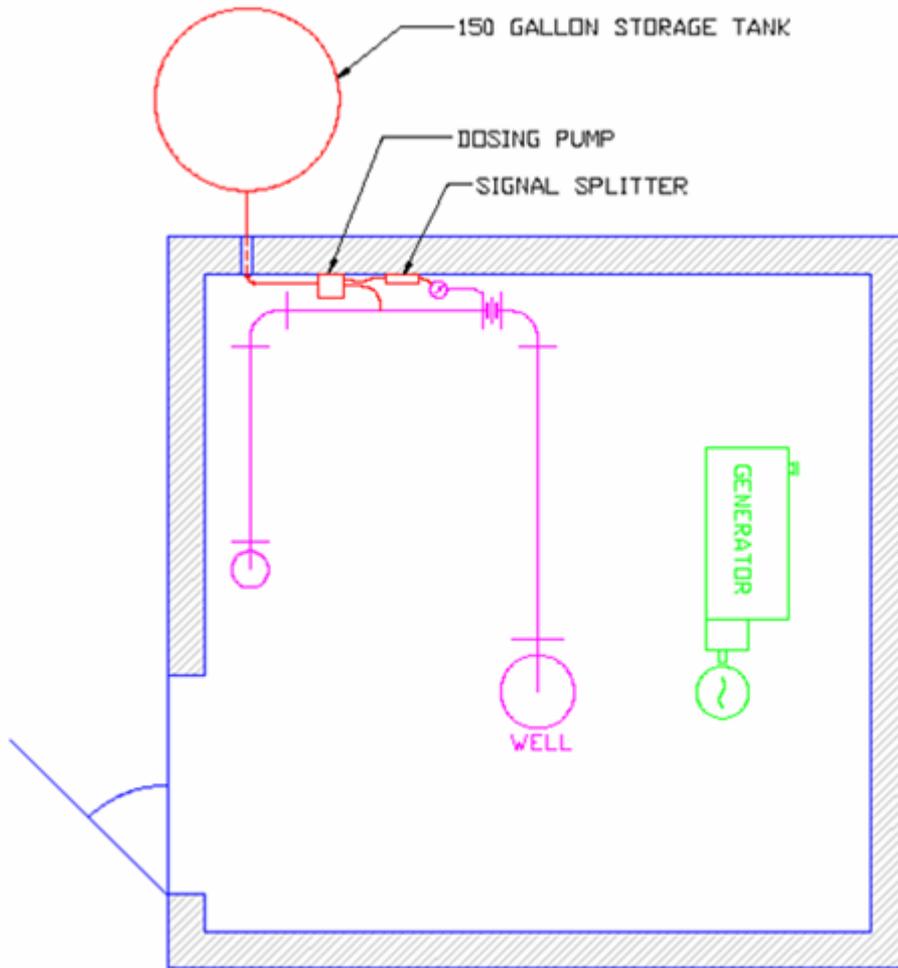
- A reduction in “brown water” events.
- Reduction of lead concentration in water supply. A public health and operational benefit.
- Prolong life of water supply system.
- Reduce operating costs.

- Comprehensive Supply System Improvements

The Village is:

- Replacing older water pipes where necessary, as funding is available.
- Rehabilitating pipe, where possible.
- Eliminating dead-ends in the distribution system, where possible.
- Corrosion Control Program complements other system improvements.

Corrosion Control



TYPICAL DOSING ARRANGEMENT