

**VILLAGE OF VOLO  
MINUTES OF THE SPECIAL  
BOARD OF TRUSTEE MEETING  
OCTOBER 27, 2007**

9:00 A.M.: Meeting was Called to Order  
Pledge to the Flag  
Roll Call

Present: President Burnell Russell  
Trustee Evans  
Trustee Porter  
Trustee Wagner  
Trustee Wegener

Absent: Trustee Buschick  
Trustee Crow

President Russell declared a quorum present.

Other Staff in attendance were Village Administrator Ken Buchardt, Village Attorney Nancy Harbottle, Village Clerk Judith Rutishauser, Village Treasurer Cheryl Grolle, Village Engineers Peter Stoehr and Jack Bajor of Manhard Consulting, Mr. Greg Hummel and Karl Marschel of Bell, Boyd and Lloyd and Omar Rodriguez of Ryland Homes. No members of the public were in attendance.

**Consideration of Agreement for Roadway and Intersection Improvement between Village and Ryland Homes**

Village Attorney Nancy Harbottle reviewed the Agreement and the Notice to Proceed with the members of the Board of Trustees.

Discussion followed.

**MOTION WAS MADE BY TRUSTEE PORTER AND SECONDED BY TRUSTEE WAGNER FOR APPROVAL OF THE AGREEMENT FOR ROADWAY AND INTERSECTION IMPROVEMENTS FOR FISH LAKE ROAD, ILLINOIS ROUTE 60 AND ILLINOIS ROUTE 120 AND AUTHORIZE THE VILLAGE PRESIDENT AND VILLAGE CLERK TO EXECUTE SAID DOCUMENT.**

**ROLL CALL VOTE:**

**TRUSTEE BUSCHICK**

**ABSENT**

TRUSTEE CROW	ABSENT
TRUSTEE EVANS	AYE
TRUSTEE PORTER	AYE
TRUSTEE WAGNER	AYE
TRUSTEE WEGENER	AYE
PRESIDENT RUSSELL	AYE
AYES – 5, NAYS – 0, ABSENT- 2	

**PRESIDENT RUSSELL DECLARED THE MOTION APPROVED.**

**Consider Notice to Proceed with Roadway and Intersection Improvements for Fish Lake Road**

**MOTION WAS MADE BY TRUSTEE PORTER AND SECONDED BY TRUSTEE WEGENER TO APPROVE THE NOTICE TO PROCEED WITH ROADWAY AND INTERSECTION IMPROVEMENTS FOR FISH LAKE ROAD.**

**ROLL CALL VOTE:**

TRUSTEE BUSCHICK	ABSENT
TRUSTEE CROW	ABSENT
TRUSTEE EVANS	AYE
TRUSTEE PORTER	AYE
TRUSTEE WAGNER	AYE
TRUSTEE WEGENER	AYE
PRESIDENT RUSSELL	AYE
AYES – 5, NAYS – 0, ABSENT- 2	

**PRESIDENT RUSSELL DECLARED THE MOTION APPROVED.**

**South Water System Options**

Village President Russell introduced Mr. Charles Williams, Chief Executive Officer and Mr. Tom Kaiser, Midwest Region sales Manager of Water Remediation Technology LLC.

Mr. Tom Kaiser proceeded to explain the situation and the way the problem might be resolved.

The Village of Volo has installed a conventional ion exchange system to remove radium and barium from drinking water. The process creates a radium, barium, calcium sodium brine that must be disposed of in a safe and acceptable manner.

The Village is not connected to the local sewer, Lakes Region Sanitary District, for the backwash water from the South Sewer System, but can be connected at significant cost. The Village has asked WRT what solution they would suggest for removal and disposal of the residuals from cleaning up the backwash water.

WRT recommended continuing to remove the radium and barium from the raw water, using the existing Ion Exchange system, but modifying the eluant and resin. Then remove the radium using WRT's Z-88-A radium selective media. When loaded, the media is then replaced and the spent media transported by WRT to a low level radioactive site. The next step would be to precipitate the barium using sulfate addition followed by clarifying and filtering the solids for disposal at a local landfill. The brine would be reused. The rinse water would be treated with reverse osmosis and discharged to the raw water line.

A pilot plant would need to be conducted to determine the operating parameters and reagent consumption for the system. The solids will have to meet the specification for disposal at a local landfill. The Viola-Zion Landfill should be able to accept the barium sulfate solids generated by this process as long as the radium is below 50 pCi/g, the material passes the TCLP test for barium and the material passes the paint filter test. Disposal cost should be in the area of \$30/70n. Viola can handle providing a roll off container and transportation to the landfill.

Discussion followed.

**The consensus of the Board of Trustees was to direct WRT to move ahead with the pilot program for removing radium from the Village water system backwash.**

**MOTION WAS MADE BY TRUSTEE PORTER AND SECONDED BY TRUSTEE EVANS TO ADJOURN THE BOARD OF TRUSTEES MEETING AT THE VILLAGE MEETING HALL, THEN RE-CONVENE AT THE VILLAGE OF VOLO SOUTH WATER TOWER IN 15 MINUTES. VOICE VOTE: ALL AYES.**

**PRESIDENT RUSSELL DECLARED THE MOTION APPROVED.**

10:45 A.M.: Meeting was adjourned to the Volo South Water Tower.

11:05 A.M.: Meeting was re-convened at the Volo South Water Tower

Present: President Burnell Russell

Trustee Evans  
Trustee Porter  
Trustee Wegener

Absent: Trustee Buschick  
Trustee Crow  
Trustee Wagner

President Russell declared a quorum present.

Village President Russell and the Board of Trustees viewed the water treatment equipment and discussed the operation of the system.

**MOTION WAS MADE BY TRUSTEE WEGENER AND SECONDED BY TRUSTEE PORTER TO ADJOURN THE BOARD OF TRUSTEE MEETING. VOICE VOTE: ALL AYES.**

**PRESIDENT RUSSELL DECLARED THE MOTION APPROVED.**

11:50 A.M.: Meeting was adjourned.

**MINUTES SUBMITTED BY** \_\_\_\_\_  
**Judith T. Rutishauser, Village Clerk**

**MINUTES APPROVED ON** \_\_\_\_\_

