



Minutes

**Special Village Board Meeting
Thursday, November 19, 2015
6:00 p.m.**

**Cary Village Hall
655 Village Hall Drive
Cary, IL 60013**

- I. Call to Order**
This meeting was called to order at 6:00 p.m. by Mayor Kownick.
- II. Roll Call**
Present: Trustees McAlpine, Cosler, Covelli, Kraus, Chapman, Dudek

Others present included Village Clerk Bragg, Village Administrator Clark, Director Morimoto, Assistant Public Works Director Walsh and members of the audience per the sign-in sheet.
- III. Pledge of Allegiance**
Mayor Kownick led in the recitation of the Pledge of Allegiance.
- IV. Open Forum**
The public is invited to make an issue-oriented comment on any matter of public concern not otherwise on the agenda.

There being no comments from the public, Mayor Kownick closed Open Forum at 6:01 p.m.
- V. Wastewater Treatment Plant Improvement Feasibility Study Update**
Administrator Clark stated this study was necessary due to state mandates regarding phosphorous treatment.

Administrator Clark stated there are two objectives to discuss: A) the commitments from a capital standpoint for Cary; and B) the capacity issue.

Director Morimoto stated Strand Associates has assisted the Village with the technical preparation of the feasibility study.

Director Morimoto stated the scope of services for the feasibility study covers four different areas: 1) the capacity analysis; 2) the phosphorous removal alternatives analysis; 3) equipment assessment; and 4) the regionalization concept.

Director Morimoto stated the Village needs to meet the required total phosphorus level of 1.0 milligram per liter limit by April 2018.

Director Morimoto introduced Mr. Mike Ott, P.E., Strand Associates, who gave an overview of the update on wastewater feasibility study.

Mr. Ott gave an overview of the study's scope, in particular the condition assessment of current equipment.

Mr. Ott stated the reason why this project is required is because the Fox River Basin has some water quality problems.

Mr. Ott stated the effluent from Cary's wastewater treatment plant is, by far, cleaner than the Fox River already is.

Mr. Ott gave an overview of how the wastewater treatment plant works, as well as the current NPDES Permit requirements.

Mr. Ott stated an important requirement of the new total phosphorous NPDES Permit is to have the Village participate financially in the Fox River Study Group.

Mr. Ott gave an overview of potential future NPDES Permit requirements.

Mr. Ott stated if the Village were to regionalize with Fox River Grove there is capacity available to do so.

Mr. Ott stated a wastewater treatment plant upgrade would be required in the future if the Village chose to regionalize.

Mr. Ott explained the three options the Village would have to meet to obtain removal of phosphorus (1.0 milligram per liter effluent limit) over the next 20 years: 1) biological phosphorus removal (\$1,900,000 - \$3,400,000); 2) chemical phosphorus removal (\$2,400,000); and/or 3) operational changes. Mr. Ott recommended the chemical phosphorus removal option.

Trustee Chapman asked about the phosphorus recovery versus phosphorous removal. Mr. Ott stated phosphorus recovery can be cost prohibitive for a smaller scale wastewater facility. Trustee Chapman asked for more information regarding the Village leasing processing

equipment and selling the fertilizer. Administrator Clark stated further information would be provided relating to the issue.

Mr. Ott stated equipment replacement and improvements could cost between \$5,000,000 - \$8,000,000 over the next 20 years.

Mr. Ott stated that in the future if there is no regionalization the Village has enough spare capacity at the wastewater treatment plant to be able to meet future ammonia limits. Mr. Ott stated improvements could be phased over time as limits change.

Mr. Ott gave an overview of the preliminary financial impacts from regionalization.

Mr. Ott stated possible grants may be available through the US Department of Agriculture.

Administrator Clark stated the Village of Cary has to make decisions on this project first before it is presented to the Village of Fox River Grove.

Mr. Ott stated the completion date is April 2016 for the wastewater feasibility study.

VI. Future Agenda Items and Discussion by Village Board

None.

VII. Adjourn

Motion: Trustee Kraus moved, seconded by Trustee Cosler to adjourn.

Ayes: All ayes by voice vote

Nays: None

Motion Carried.

The meeting adjourned at 7:53 p.m.

Respectfully Submitted,



Julie Novak, Deputy Village Clerk



Nancy Bragg, Village Clerk