Village of Glencoe
Water Treatment Plant Initiative
Project Status Update

October 15, 2013
Treatment Plant Overview

- Village Treatment Plant (8 MGD) Built in 1928
- USEPA Estimates Treatment Plants & Pumping Stations Have Life Expectancy of 60-70 Years
- Many High $ Replacement Projects Needed
  - Intake, Suction Well, Mixers, Basins, Pumps, Etc.
- Village Issued Water System Master Plan Request-for-Proposals in Mid-2012
- Modernized Treatment Plant Advantages:
  - Filter Technology, More Energy & Space Efficient
Following Issuance of RFP, Commission (NWC) Contacts Village About Supplying Water

Formed in 1957, Serves 225,000 Customers
- Arlington Hts., Buffalo Grove, Palatine, Wheeling

Presently Receives Water from Evanston

Seeking 2nd Line for Redundancy & Control

Maintains Extraterritorial Authority & Ability to Fund a Proposed Project
Recent Action

- Several Meetings, Tours w/ NWC & CLCJAWA
- Preliminary Analysis of New Facility Options
  - 100 MGD Treatment Plant to Serve Village & NWC
  - 6 MGD Plant for Village + 100 MGD Pump Station
- 100 MGD Plant Determined to be Too Large
- NWC Hires AECOM to Analyze Feasibility, Cost of 6 MGD Plant + 100 MGD Pump Station
- Village Hires Strand for Research & Analysis of Various Concepts, Costs & Technology
Park District Impact

- If New Plant Constructed, Necessary to Keep Existing Plant Operational to Supply Water
- Continuous Water Supply via Interconnects w/ Neighboring Communities not Feasible
- Strand, AECOM Analyses Identified Option to Construct New Plant on North Boating Beach
- Existing Plant then Razed & New Boating Facilities/Improvements Constructed for GPD
Potential Land Swap

- In 1967, Harold & Jane Perlman Donated Beach Area Below Home for Recreational Use
- Deed Restriction Contains Covenants:
  - No Building/Structure can Impair View from Home
  - Land Shall be Used for Recreation-Boating; not for Swimming w/o Consent from Homeowner
  - Public Access to Land Shall be from the South
- Village & GPD Recently Determined Beach Useable for New Plant if Covenants Preserved
Next Steps

- Joint Opinion on Legal Basis for Land Swap
- Letters Mailed to Adjoining Property Owners
- Village/NWC Agreement on Following:
  - Design/Cost of New Plant, Cost of Beach Relocation Pump Station Lease/Access
- Village/GPD IGA Approved by Both Boards
- Village/NWC IGA Approved by Both Entities
- Lakefront Master Planning Process
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