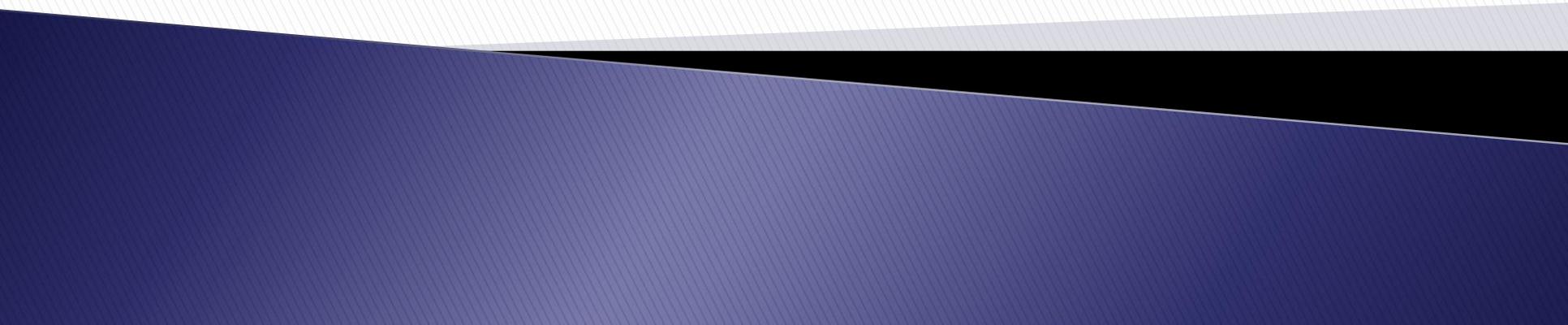


Village of Glencoe Water Treatment Plant Initiative Project Status Update

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

Northwest Water Commission

- ▶ 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



BEACH RD

LONGWOOD AVE

PARK AVE

HAZEL AVE

SHER DAN RD

1

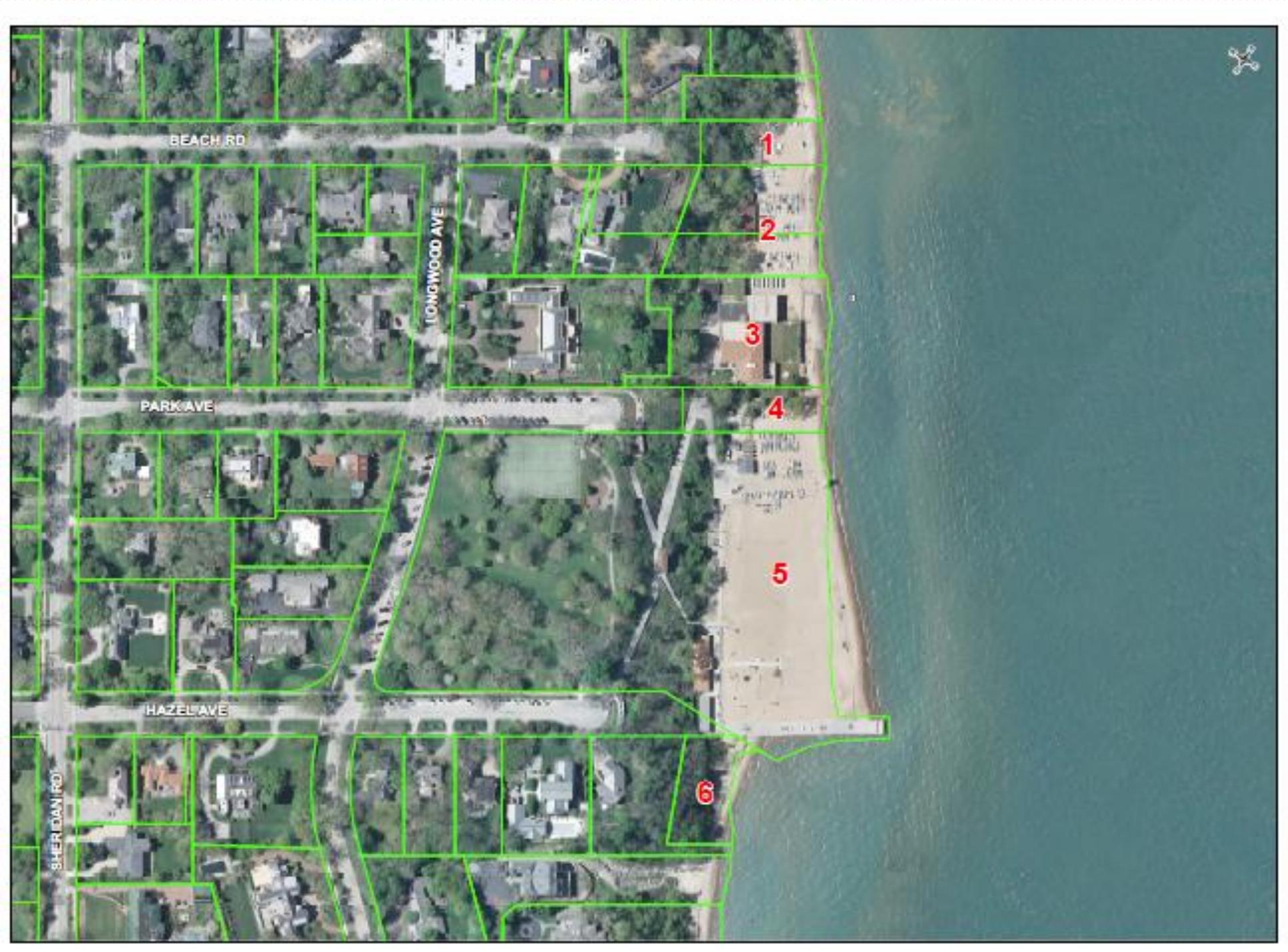
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6



Recent Action

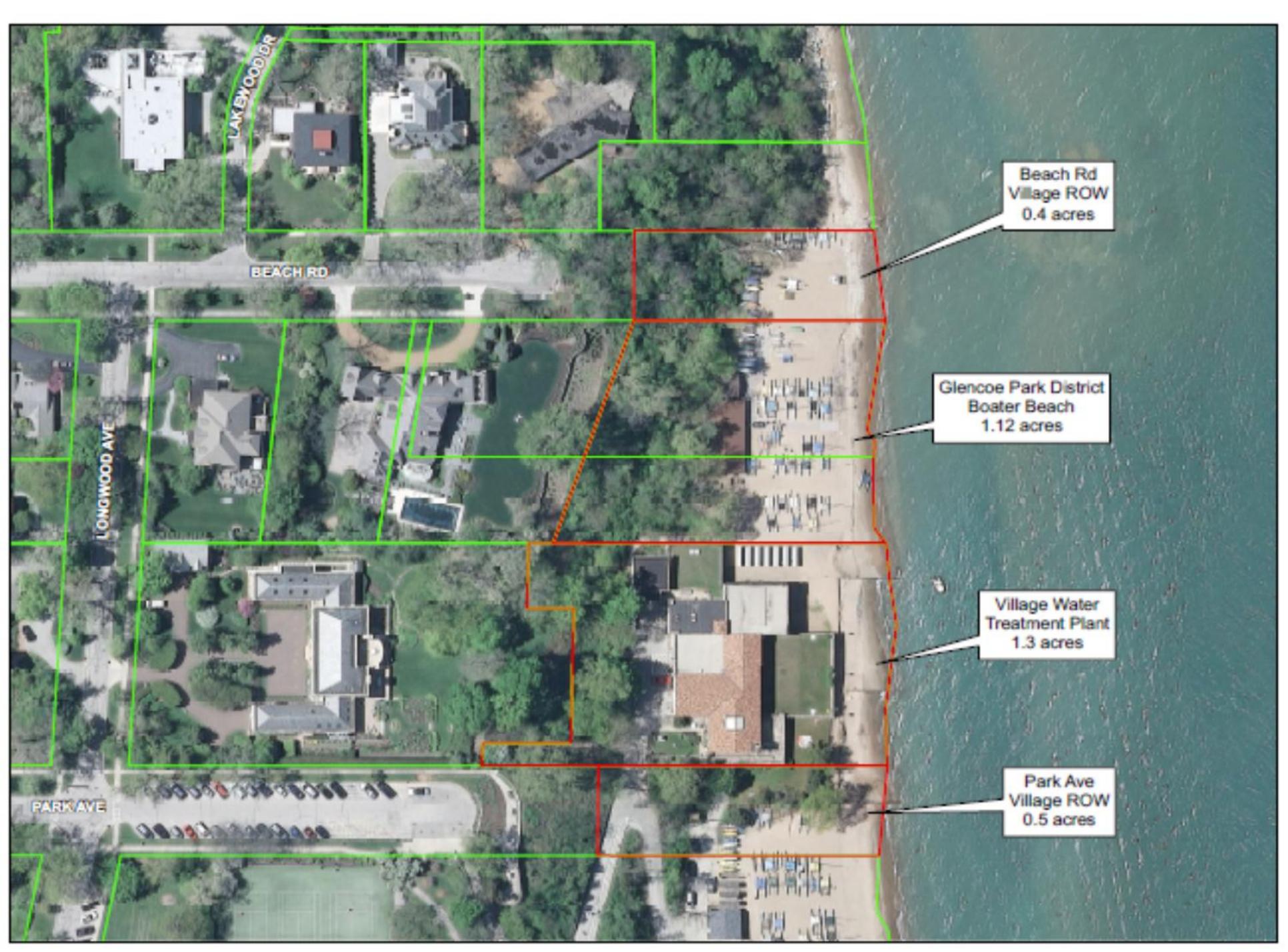
- ▶ Several Meetings, Tours w/ NWC & CLCJAWA
- ▶ Preliminary Analysis of New Facility Options
 - 100 MGD Treatment Plant to Serve Village & NWC
 - 6 MGD Plant for Village + 100 MGD Pump Station
- ▶ 100 MGD Plant Determined to be Too Large
- ▶ NWC Hires AECOM to Analyze Feasibility, Cost of 6 MGD Plant + 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



LAKESWOOD DR

BEACH RD

LONGWOOD AVE

PARK AVE

Beach Rd
Village ROW
0.4 acres

Glencoe Park District
Boater Beach
1.12 acres

Village Water
Treatment Plant
1.3 acres

Park Ave
Village ROW
0.5 acres

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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