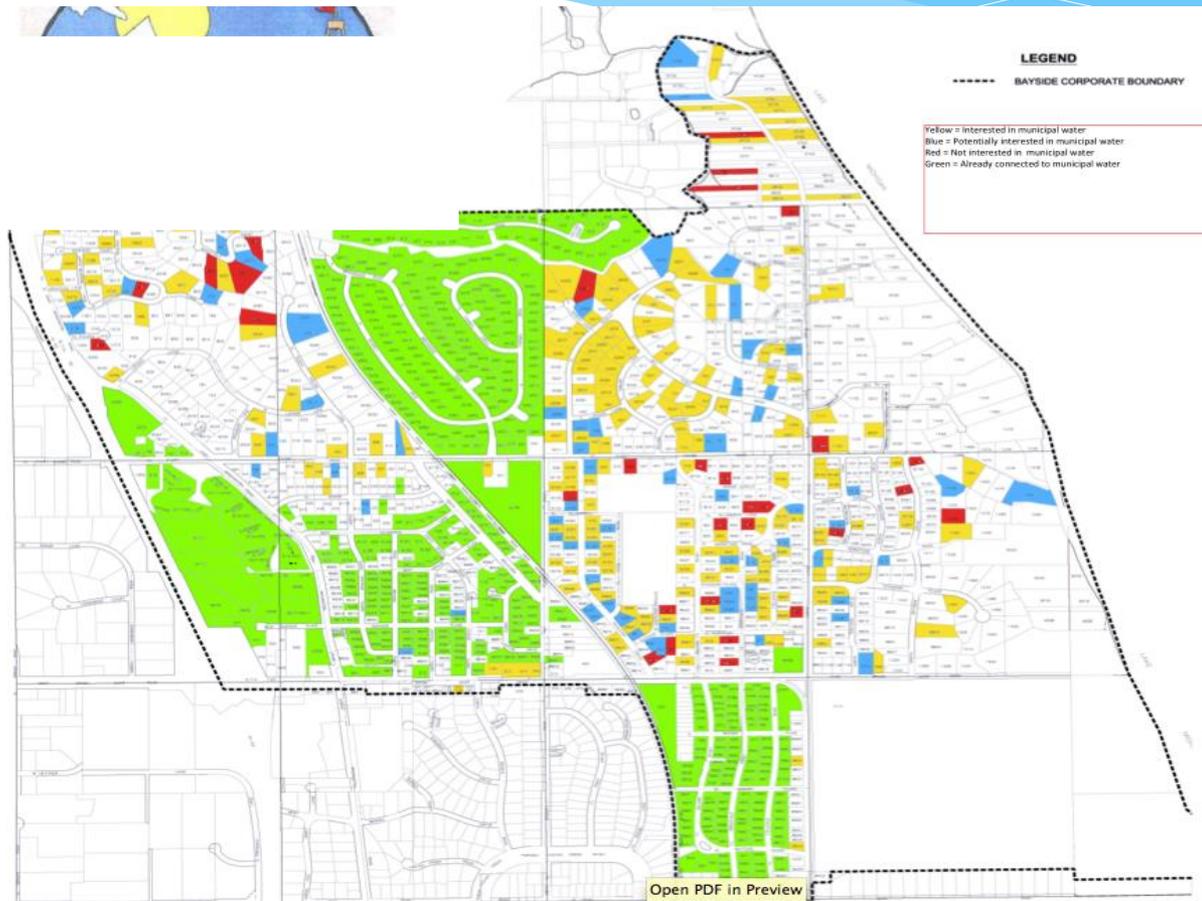


# Voluntary Municipal Water Project Public Meeting

Potential 2015 Project

June 16, 2014

# Phase 2 : November 2013 (Voluntary)

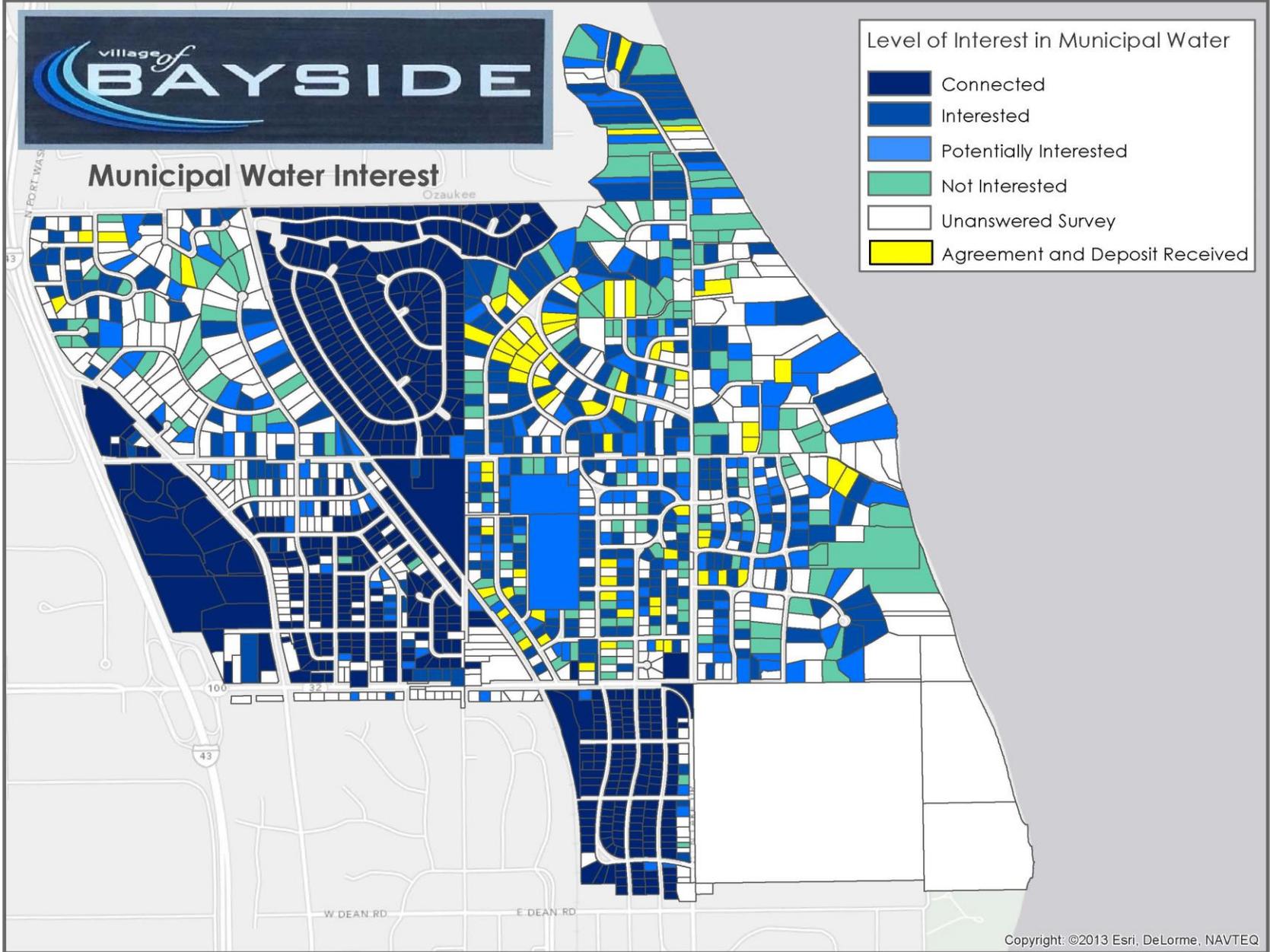




### Municipal Water Interest

Level of Interest in Municipal Water

- Connected
- Interested
- Potentially Interested
- Not Interested
- Unanswered Survey
- Agreement and Deposit Received



# Breaking It Down

- \* **Voluntary**: done, given, or acting on one's own free will
- \* For illustration and symbolic purposes only, we have identified 8 areas in the Village.
- \* These areas do not represent project areas and are just hypothetical.
- \* Similar to the 2013 project, each area could build off of another area as potential projects emerge.

# Central South (Voluntary)



85 parcels

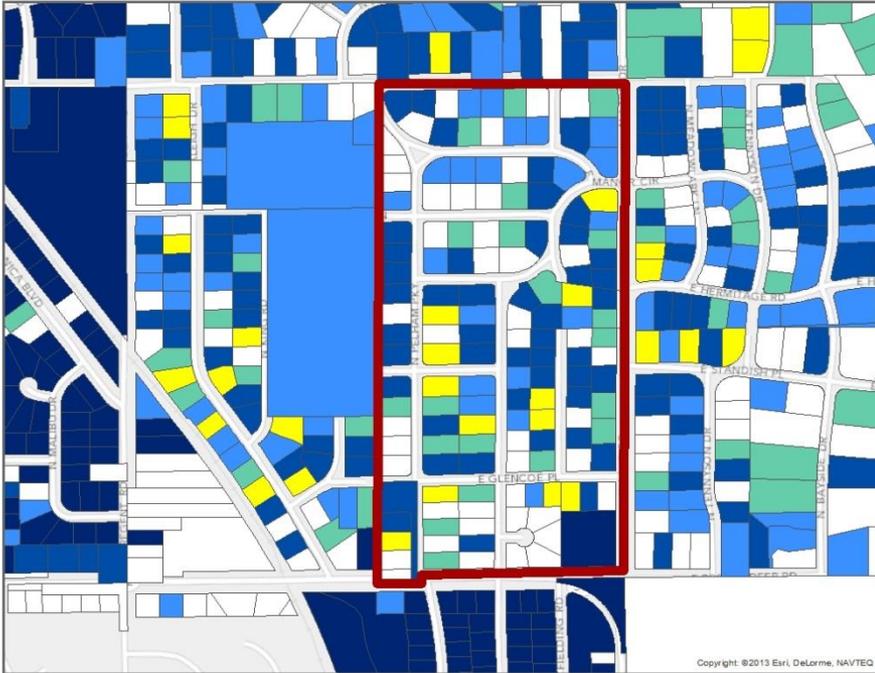
Survey Response Breakdown:

Deposit	10	12%
Yes	28	33%
Potential	22	26%
No	12	14%
No Response	13	15%





# Pelham to Lake Drive (Voluntary)

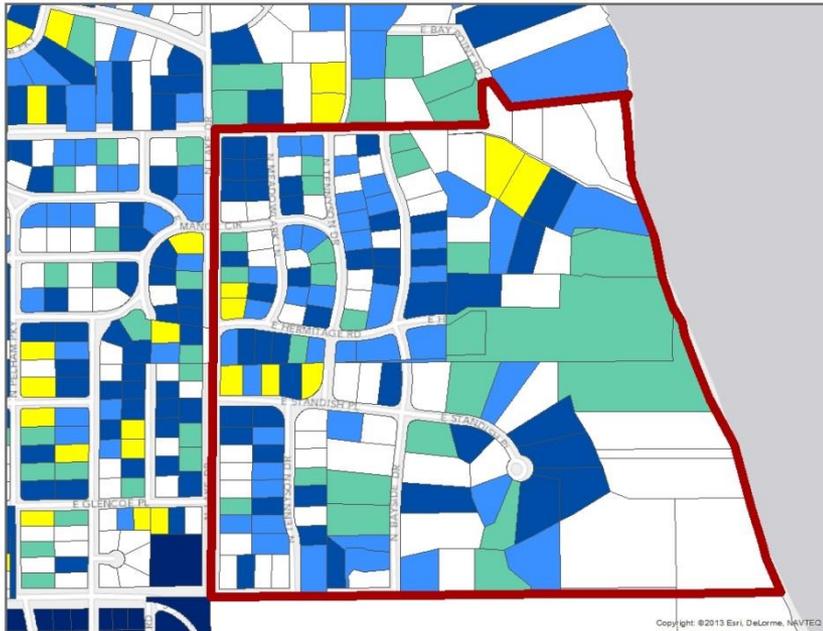


143 parcels

Survey Response Breakdown:

Deposit	12	8%
Yes	46	32%
Potential	20	14%
No	20	14%
No Response	44	31%

# South of Fairy Chasm, East of Lake (Voluntary)

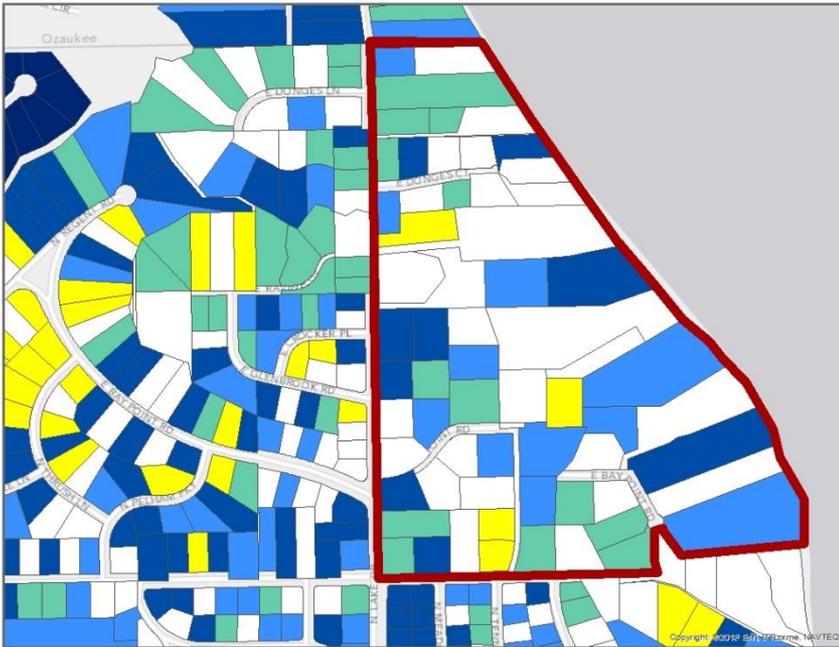


167 parcels

Survey Response Breakdown:

Deposit	7	4%
Yes	43	26%
Potential	41	25%
No	24	14%
No Response	52	31%

# North of Fairy Chasm, East of Lake Drive (Voluntary)

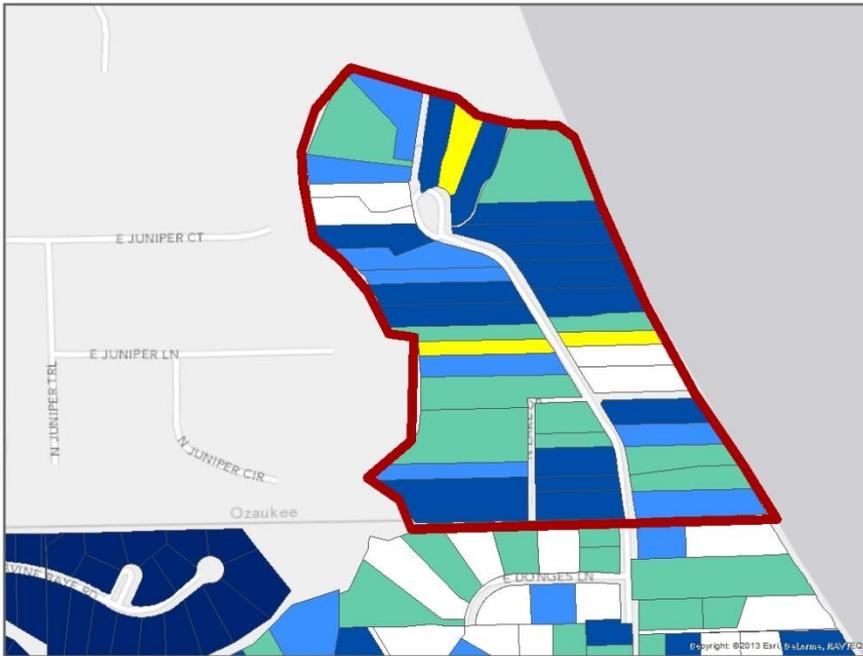


62 parcels

Survey Response Breakdown:

Deposit	4	6%
Yes	9	15%
Potential	11	18%
No	12	19%
No Response	26	42%

# Ozaukee (Voluntary)



39 parcels

Survey Response Breakdown:

Deposit	3	8%
Yes	15	38%
Potential	8	21%
No	10	26%
No Response	3	8%



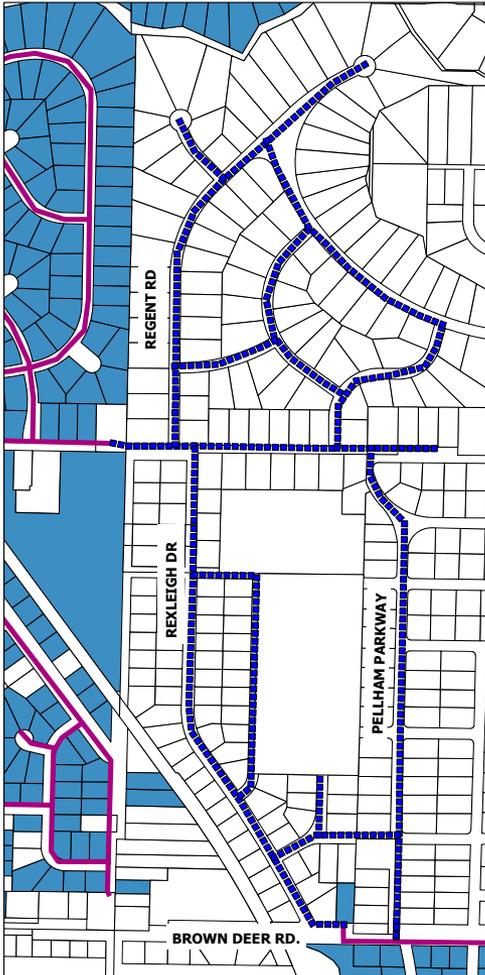
# Potential Estimated Costs

\* Estimates are based on 2013 bid prices from Phase 1 project. Actual costs will vary based on bid results.

## 217 Total Properties

<b>125 Prop Participate</b>	<b>\$14,127.85</b>
<b>140 Prop Participate</b>	<b>\$11,705.93</b>
<b>162 Prop Participate</b>	<b>\$10,116.24</b>
<b>195 Prop Participate</b>	<b>\$8,404.26</b>
<b>100% Participate</b>	<b>\$7,552.22</b>

\*\* Does not include potential revenue credits or private lateral/plumbing work.



# Bayside Municipal Water Project #1, U.A.

- \* Originally developed for the Bayside Residential Water Access Association (Project 1, Summer 2013)
  - \* Created by the law firm of Gonzalez, Saggio and Harlan
- \* Unincorporated, non-profit association
- \* Registered agent: Penny Goldman
- \* Association Duration: 10 Years (longer if determined by vote)
- \* No Village Involvement or Representation in association

# The Next Steps

- \* Review and complete Association documents
- \* Completed contracts can be notarized, free of charge, at Village Hall
- \* Submit deposit of \$300 for preliminary engineering feasibility
- \* ***Make deposit checks payable to Bayside Municipal Water Project #1, U.A.***
- \* Return to Bayside Village Hall by July 1, 2014

# The Deposit Fee

- \* Deposits will be collected and deposited immediately in a non-profit association account at Chase Bank.
- \* In areas where sufficient interest exists, the deposit will go towards preliminary engineering and routing studies.
- \* If there is not enough interest in your area and it is not feasible to move forward with preliminary engineering, your deposit will be returned by mid August.
- \* City Water, LLC Management Company of Mequon Water Utility would conduct engineering feasibility study.

# Preliminary Engineering Timeline

## **Step 1: Association Member Tabulation and Establishment of Route Alternatives** **Schedule: July 1-August 22, 2014**

- \* Tabulate and map association members as of July 1 deadline
  
- \* Define and map three alternative scenarios
  - \* Service to all prospective members (highest cost)
  - \* Lowest unit cost route (lowest cost)
  - \* Optimized route (best for possible future connections and Mequon Water Utility)

# Preliminary Engineering Timeline

## **Step 2: Hotline and Field Walkthrough** **Schedule: Begin August 22, 2014**

- \* Diggers Hotline marking of existing utilities in the proposed water main corridor
- \* Mequon Water will conduct a field walkthrough with the Village and Utility staff to identify:
  - \* Optimum location for water main
  - \* Potential utility conflicts
  - \* Residential concerns
  - \* Identify construction related issues and potential construction methods for addressing residential concerns
- \* Field locate Utilities on base map

# Preliminary Engineering Timeline

## **Step 3: Alternative Analysis**

**Schedule: Begin August 29, 2014**

- \* Prepare cost estimates for the three alternatives (established in Step 1)
- \* Estimate cost per association member for each alternative
- \* Estimate potential refund for each alternative

# Preliminary Engineering Timeline

## **Step 4: Association Meeting(s)**

**Schedule: Throughout month of September 2014**

- \* Review alternative analysis and preliminary engineering
- \* Review project schedule
- \* Obtain input for recommended alternative

# Preliminary Engineering Timeline

## **Step 5: Preliminary Design of Recommended Alternative Schedule: October 2014**

Preliminary design includes:

- \* Water main location, sizing, material, and construction methods
- \* Identify potential utility conflicts
- \* Hydrant and valve spacing
- \* Potential service connections for adjacent neighbors
- \* Connection to existing main
- \* Alternatives for multiple connections to the subdivision and elimination of dead-ends

# After the Engineering Study

Project bidding- February/March 2015

Project construction- May-October 2015

Project construction includes installation of water mains and valves, fire hydrants (every 500 feet), and restoration of all disturbed areas including roads, grass areas, etc.

# Laterals and Plumbing

## Laterals:

- \* Members of the association could potentially bid private laterals to achieve economies of scale
- \* Project 1 Joint Bid Price: \$1,750
- \* Without joint bid: \$3,000-\$4,000

## Plumbing:

- \* Similar to lateral work, jointly bid to achieve economies of scale
- \* Project 1 Joint Bid Price: Average of \$350-\$500
  - \* Higher or lower depending on individual property circumstances

# Financing

- \* Upon completion of the engineering feasibility study, preliminary cost estimates will be provided.
- \* Initial assessment will be established.
  - \* Determined by cost of project and number of participants
- \* Ways to pay:
  - \* Upfront Payment (Cash, Check, HELOC, other)
  - \* Special B-Bond Assessment

# Special B-Bond Assessment

- \* Approximately 4 month process
- \* Multiple public hearings
- \* Establishment of a base assessment
  - \* Project cost cannot exceed base assessment per property
- \* Only public project costs can be financed (does not include private plumbing and lateral work)
- \* Spread out over 10-20 years, determined by association members
- \* If project occurred in 2015, the first payment would be due on property tax bill January 2017.
- \* For first project, amortized over 20 years, sliding payment scale started at approximately \$800 and decreased each year thereafter.

# Voluntary Municipal Water Project Public Meeting

Potential 2015 Project

June 16, 2014