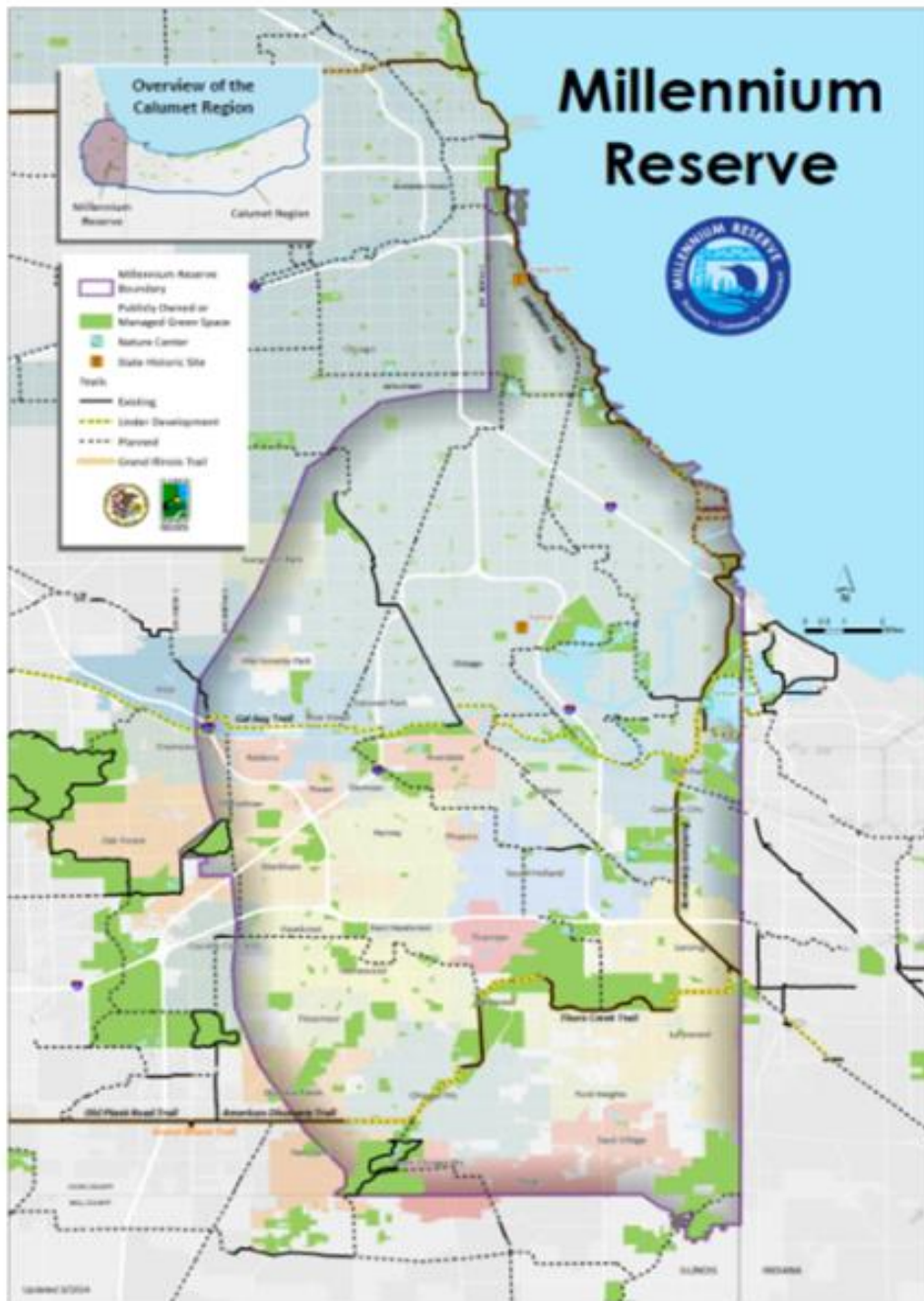




# Calumet Stormwater Collaborative

January 7, 2015



- **Millennium Reserve Priority Project:**  
 “Improve stormwater management through investments in and coordination of green infrastructure solutions”
- Convened by **Metropolitan Planning Council** with support from Chicago Community Trust
- Began meeting in March 2014

## Calumet Stormwater Collaborative members

*as of 12/5/2014*

City of Blue Island	Metropolitan Mayors Caucus
Center for Neighborhood Technology	MWRD
City of Chicago	Metropolitan Planning Council
CMAP	OAI, Inc.
Chicago Park District	Openlands
Chicago Wilderness	South Suburban Mayors & Managers Association
Cook County	U.S. Environmental Protection Agency
Delta Institute	U.S. Army Corps of Engineers
Forest Preserve District of Cook County	Village of Homewood
Ill. Dept. of Natural Resources	Village of Midlothian
Ill. Environmental Protection Agency	Village of Park Forest
Historic Chicago Bungalow Association	

## Exploratory phase with Foresight Design Initiative

### Fundamental Challenges

- Causes and consequences of non-overbank flooding
- Declining performance and sufficiency of grey and green infrastructure over time
- Drain on public and private resources from repeated, ineffective, and partial interventions.



## **Mission Statement**

The Calumet Stormwater Collaborative builds intergovernmental and cross-sector partnerships to increase the effectiveness of stormwater management initiatives for the communities and ecosystems of the Calumet region through knowledge sharing, coordination and deployment of interventions at appropriate scales.

## **Vision Statement**

The Calumet Stormwater Collaborative will be a model of coordinated deployment of knowledge, technology and financial resources to minimize the negative impacts of precipitation and maximize the positive to make the Calumet region a better place to live, work and recreate.

## Success Measures

- Reduction in peak wet weather flows
- Reduced risk of basement backups in reasonably expected precipitation events
- Number of government units with green/gray infrastructure projects embedded in long-term capital improvement plans or comprehensive plans increases
- Number of partners using shared messaging
- Audience reached with shared messages increases, increase in public recognition that we are making progress toward improved stormwater management
- Reduced reliance on grant funding for green infrastructure installation
- Number of government units using optimization tools (e.g. H&H models) increases
- Increase in connectivity and interjurisdictional partnerships between Collaborative members
- Full-time equivalents (FTE) created through this work

## Year One Action Items

Mission Driven	Urgency Driven
Does it address our fundamental challenges?	Is it a foundational step?
Does it require collaboration?	Is there temporal urgency?

## Year One Action Items

### ***Foundational, knowledge building actions***

1. Short-term information sharing and long-term research alignment
2. Inventory of existing stormwater activities



## Year One Action Items

### ***Capacity building and planning actions***

1. Fast-tracking Section 319 planning and approval
2. Data sharing and modeling

## Year One Action Items

### ***Capacity building and planning actions***

1. Streamlining green infrastructure design and permitting
2. Understanding green infrastructure installation, trouble-shooting, and maintenance
3. Developing effective community engagement and communications strategies

## Year One Action Items

### ***Opportunities for near-term Collaborative impact***

1. Lateral line diagnostics and property interventions at scale
2. Land banking as a stormwater tool

## Recent Work

- Offered ideas for Cook County's CDBG – Disaster Relief funds from the 2013 storms.
- Submitted a proposed pilot program in coordinated stormwater planning and investment to IEPA