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FCWP meeting Sept 26

7 messages

Patsy <pmortimer@earthlink.net>
 To: Patsy <pmortimer@earthlink.net>

Thu, Sep 20, 2012 at 1:40 PM

Flint Creek Watershed Partnership,

Our next meeting is Wednesday, September 26 at 10 am at the Barrington Area Library, Room B on the main floor, 505 N. Northwest Hwy, Barrington, IL 60010.

Attached are revised minutes from our June meeting along with a copy of the action plan presentation and the report card for years 1-5. Please look at the report card and NOTE ANYTHING THAT YOUR MUNICIPALITY OR ORGANIZATION has completed before the next meeting. This will help me identify actions I don't always know about. In the report card, the Site Specific Action Plans are based on the maps in the attached presentation. The report card will give us guidance about where we want to place our priorities in the future.

Thank you to everyone who attended the June meeting and helped set the framework for the report cards.

Other items on the agenda:

Barrington's study on the Route 14/CN grade separation and its effect on Flint Creek

Fox River Ecosystem Partnership (FREPP) strategic planning results

EHD – epizootic hemorrhagic disease 700 deer killed in IL

Grants

Please let me know if you cannot attend the meeting.

Patsy Mortimer, Coordinator

Flint Creek Watershed Partnership

www.flintcreekwatershed.org

847-381-8663 (Home office)

3 attachments

 **Action Plan report card.pdf**
5138K

 **FCWP Report Card June 2012.docx**
23K

 **FCWP minutes 2012 06.docx**
37K

 Robert Kosin <rkosin@barringtonhills-il.gov>

Thu, Sep 20, 2012 at 3:30 PM

9/24/2012

An aerial photograph showing a winding river or creek. On the left side, there is a residential or industrial area with several buildings and parking lots. The right side is dominated by a dense forest. The river flows from the top right towards the bottom left, curving through a grassy field.

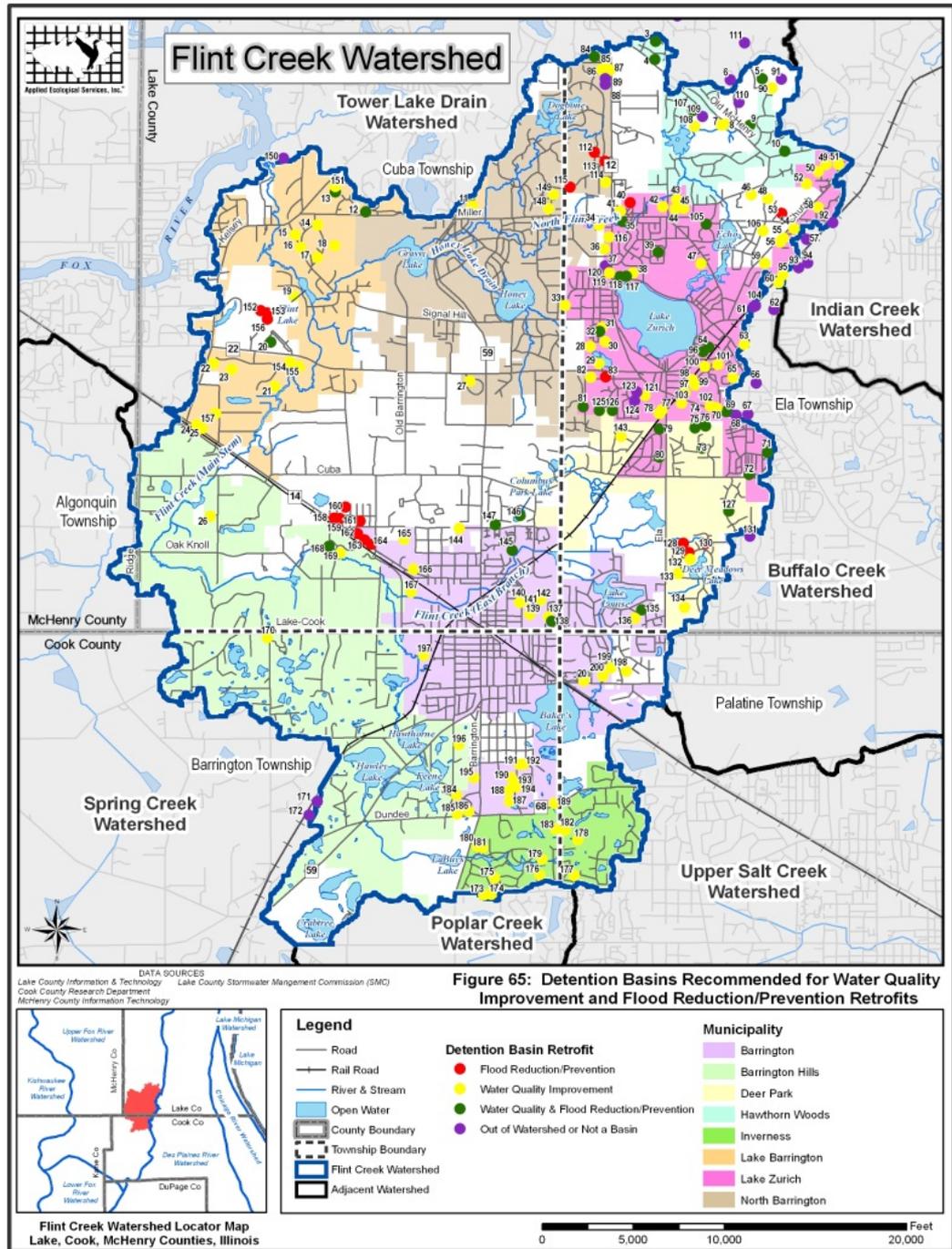
**Flint Creek Watershed Partnership
Action Plan Report Card June 2012**

Patsy Mortimer, Coordinator

| | Det basins | Floods | Lake shore | Storage | Wetland restore | Stream maint | Stream restore | Total |
|----------------|------------|-----------|------------|-----------|-----------------|--------------|----------------|------------|
| Cuba T | 10 | 7 | 1 | 9 | 9 | 4 | 4 | 44 |
| Lake Zurich | 34 | 2 | 2 | 1 | | 2 | 2 | 43 |
| Barrington | 19 | 4 | 1 | 2 | 2 | 7 | 7 | 42 |
| Barr Hills | 3 | 4 | | 15 | 6 | 6 | 6 | 40 |
| N Barrington | 6 | 1 | 3 | 1 | 14 | 7 | 7 | 39 |
| Ela T | 7 | 1 | 1 | 7 | 6 | 3 | 3 | 28 |
| L Barrington | 4 | | 1 | 8 | 4 | 5 | 5 | 27 |
| Deer Park | 9 | | 1 | 4 | 2 | | | 16 |
| Barr T | | 1 | 1 | 6 | | 1 | 1 | 10 |
| Hawthorn Woods | 4 | | | | 1 | 2 | 2 | 9 |
| Inverness | 3 | | | | | | | 3 |
| Total | 99 | 20 | 11 | 53 | 44 | 37 | 37 | 301 |

Detention basins

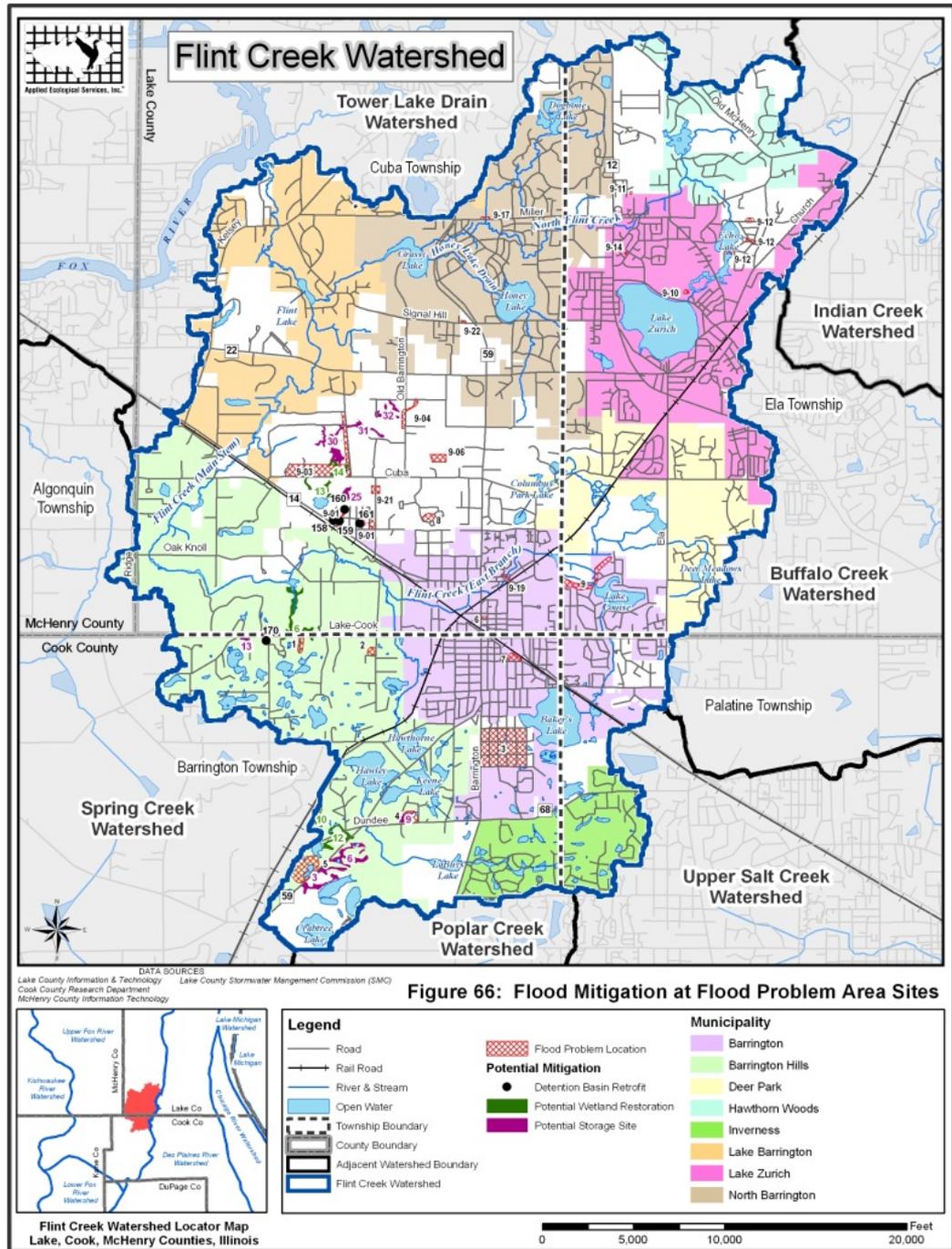
99 high & medium priority
2 retrofits completed
(not identified in plan)



Flood mitigation

Flood problem areas
Affect structures
20 areas identified

Barrington T. fought wetland
development college streets
Barrington replaced
stormsewers
N Barrington replaced road
culverts



Regional storage

50 possible locations

Many overlap wetland restoration

29 potential feasibility

21 limited feasibility – golf courses

12 forest preserve property

3 DiMucci property

22 > 15.6 acres

∞ 11 potential

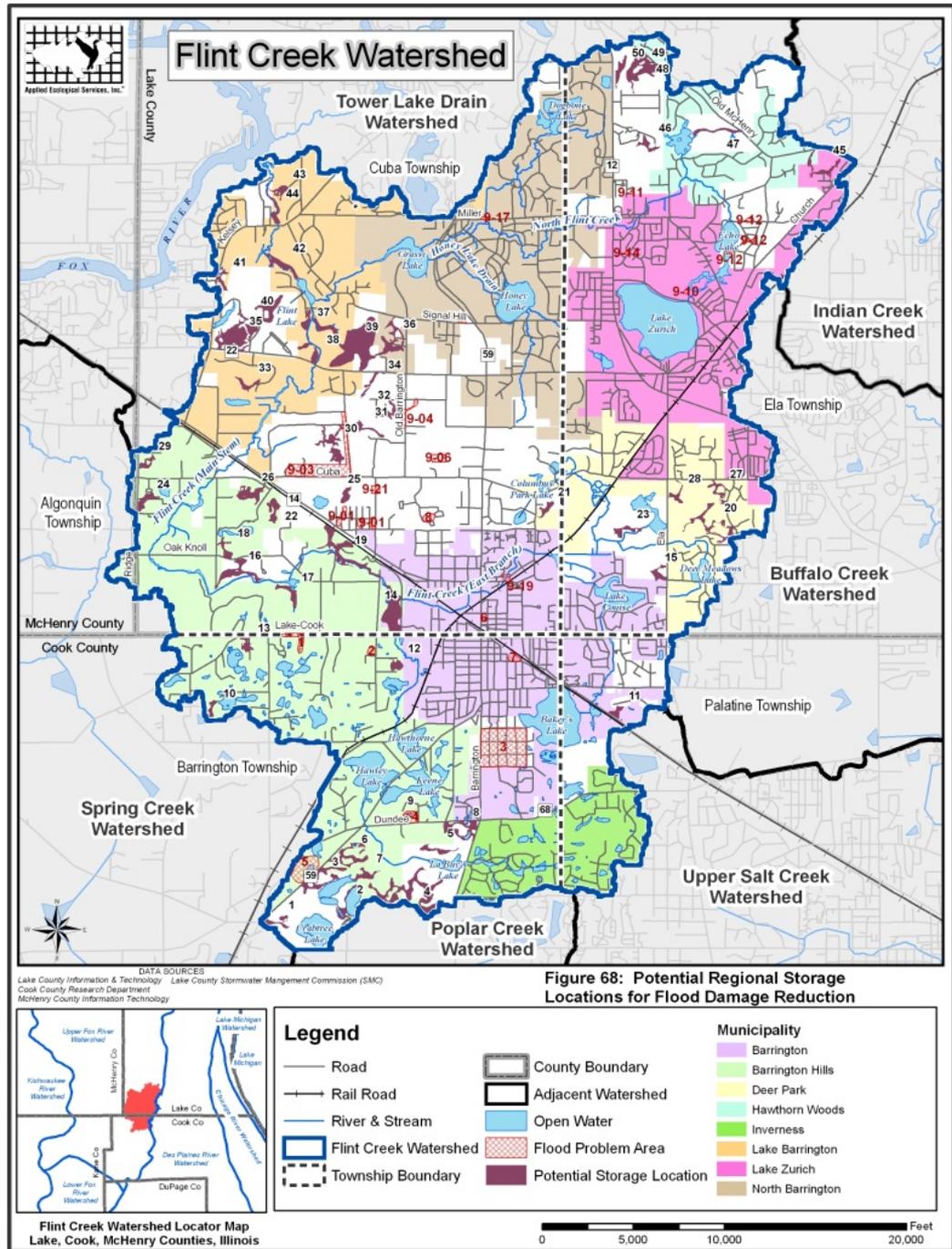
∞ 5 Crabtree & Cuba March FP

∞ 2 residential – agriculture

∞ 2 private – agriculture

∞ 1 Good Shepherd Hospital

∞ 1 developed with conservancy



Wetland restoration

42 feasible

22 limited – golf courses, etc.

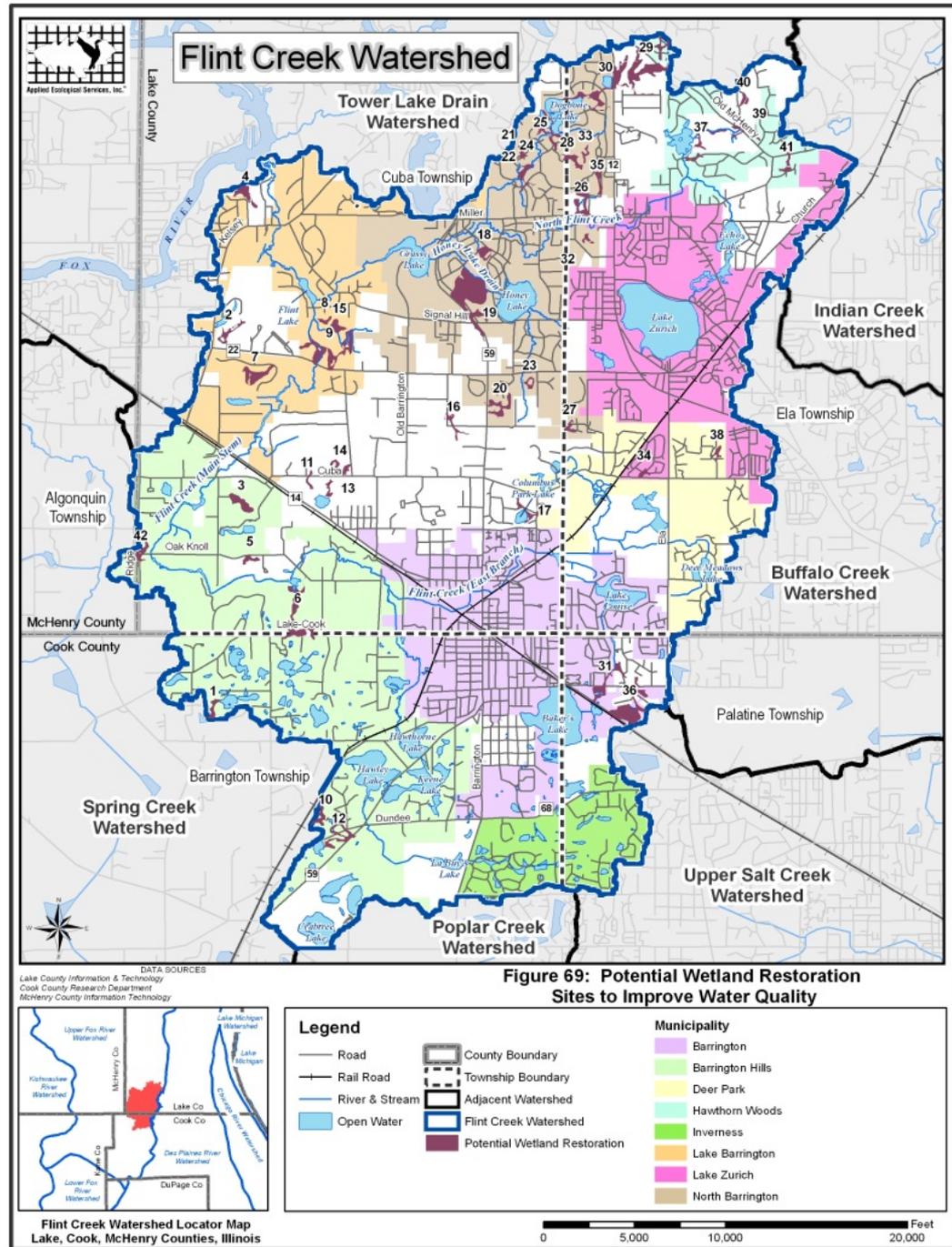
20 potentially feasible

- privately owned
- agricultural land

⌘ 5 > 10 acres

⌘ 8 5-10 acres

⌘ 7 < 5 acres



Lake shoreline restoration

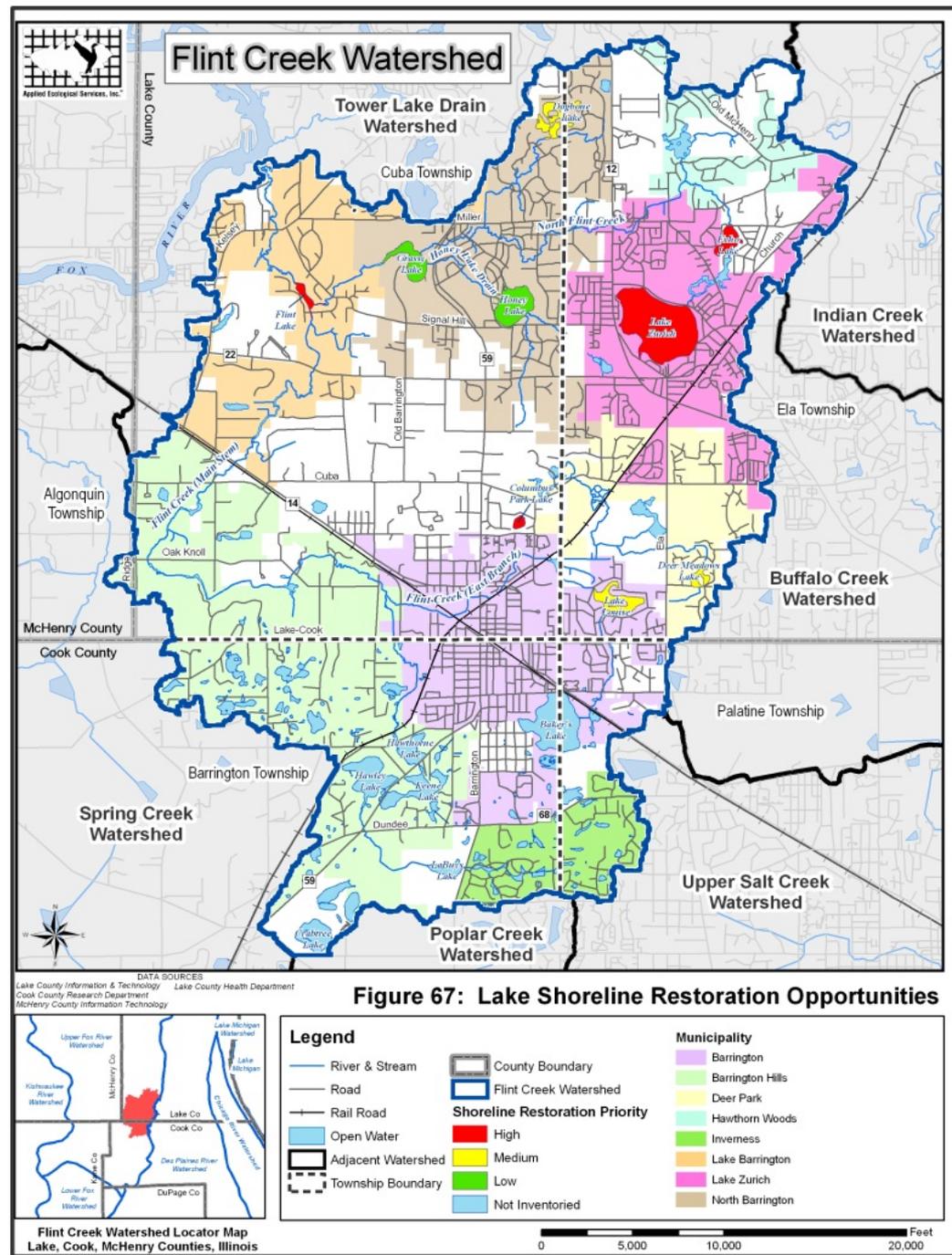
10 lakes identified (11 govts)

High priority

1. Baker's Lake
2. Columbus Park Lake
3. Echo Lake
4. Flint Lake
5. Lake Zurich

Medium

6. Deer Meadows Lake
7. Dogbone Lake
8. Lake Louise



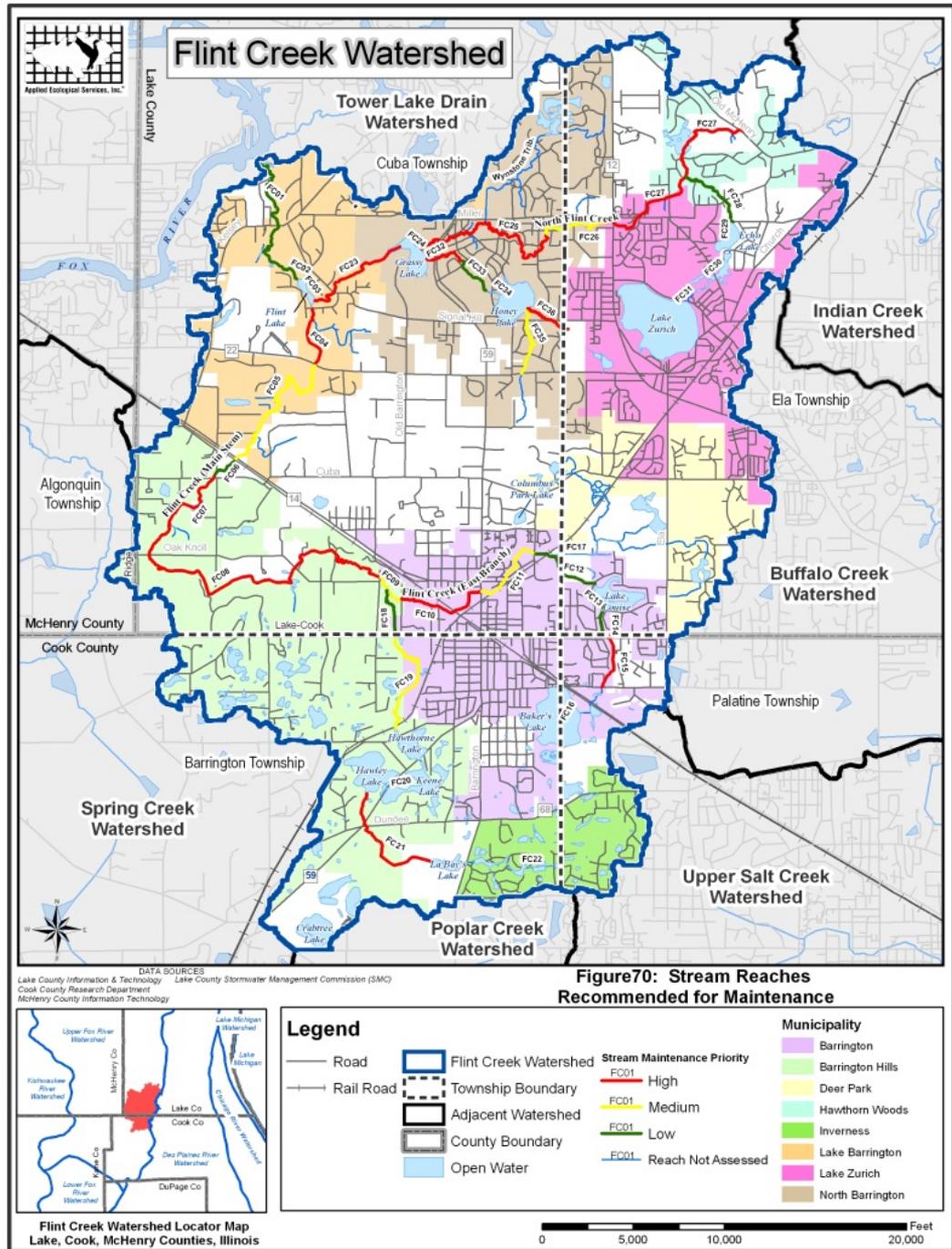
Stream maintenance

25 reaches assessed
Debris, dams,
pipes & channels

12 high priority
8 medium
5 low

Maintenance

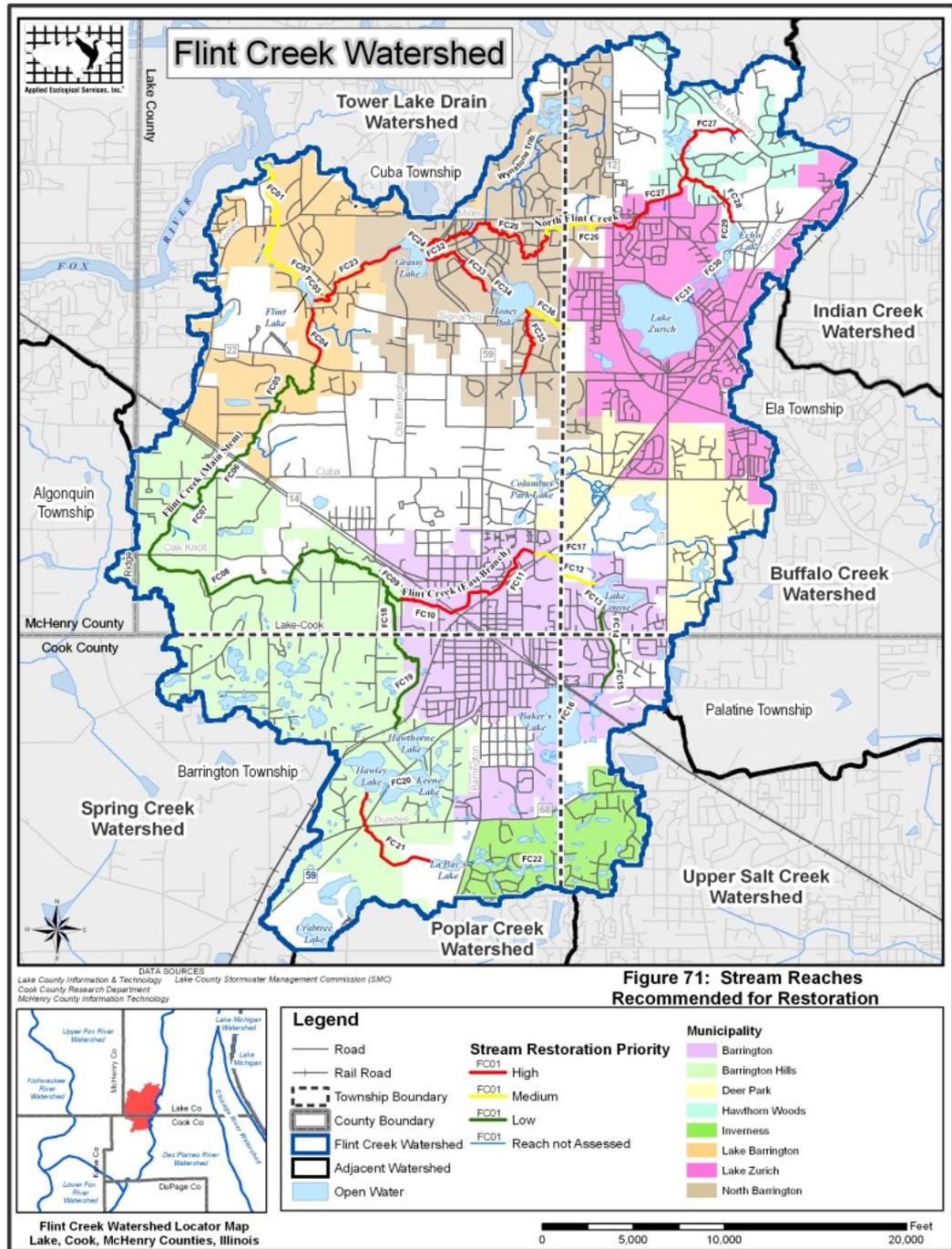
N Flint Cr: North Barrington
E branch: Cuba Marsh LCFP



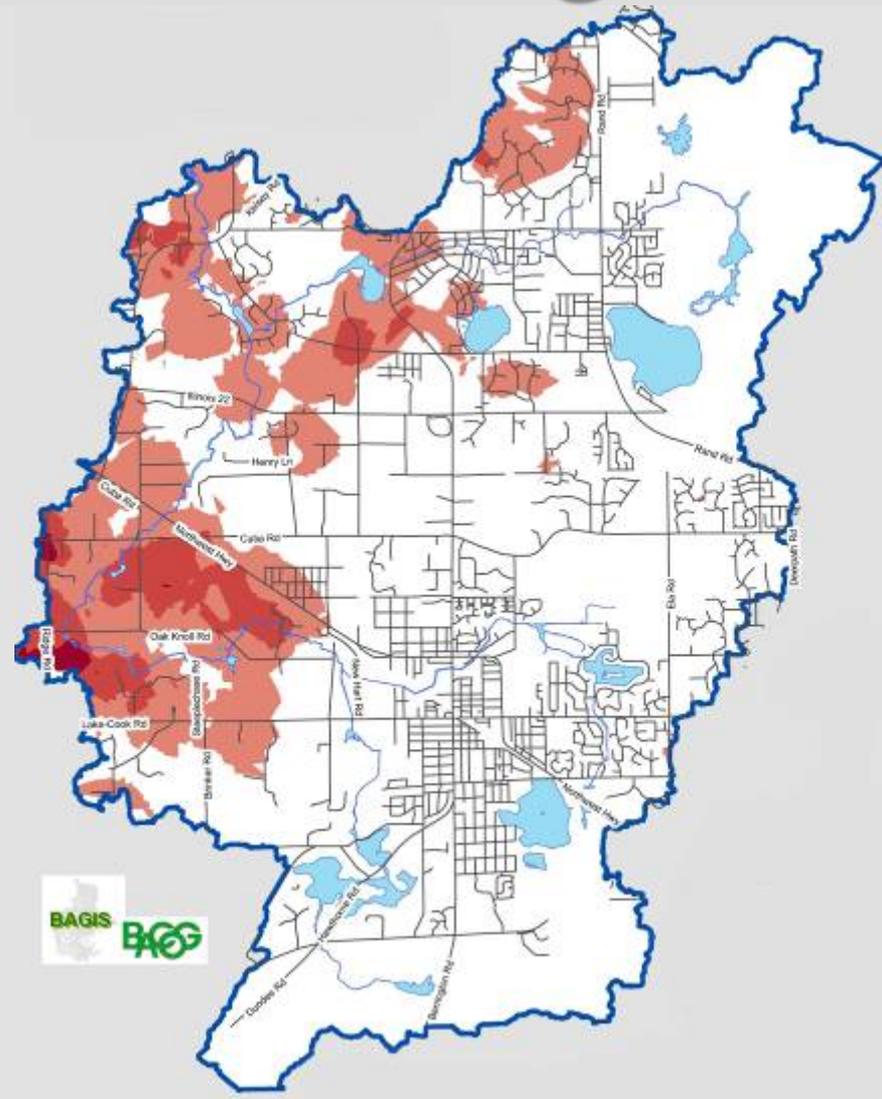
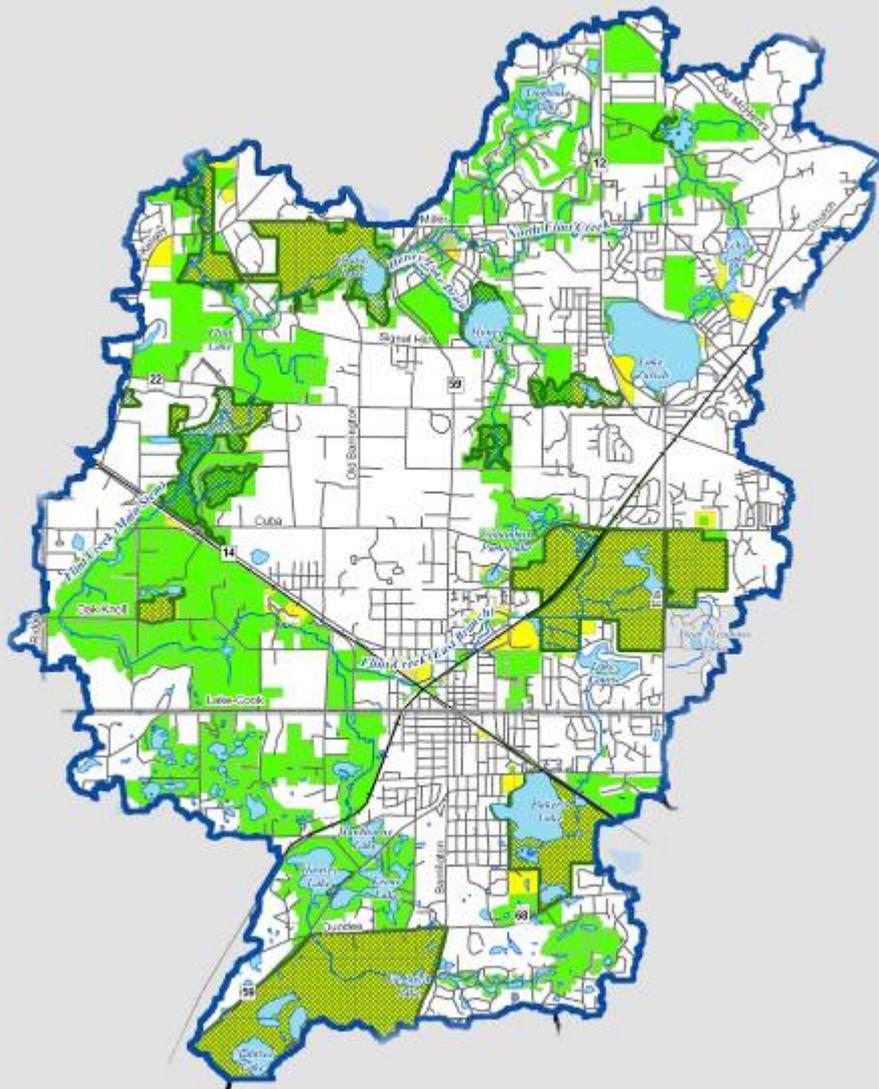
Stream restoration

25 reaches assessed
 Buffers, streambanks, riffle-pools, habitat
 11 high priority
 5 medium
 9 low

North Barrington grant



Green infrastructure network protects groundwater recharge



T&E species

Birds

- Henslow's sparrow
- Black-crowned night-heron
- Least bittern
- Common moorhen
- Yellow-headed blackbird
- Sandhill crane
- Common tern
- Osprey

Fish & turtles

- Blackchin & blacknose shiners
- Iowa darter
- Blandings turtle

Plants

- Forked Aster
- Grass-leaved pondweed

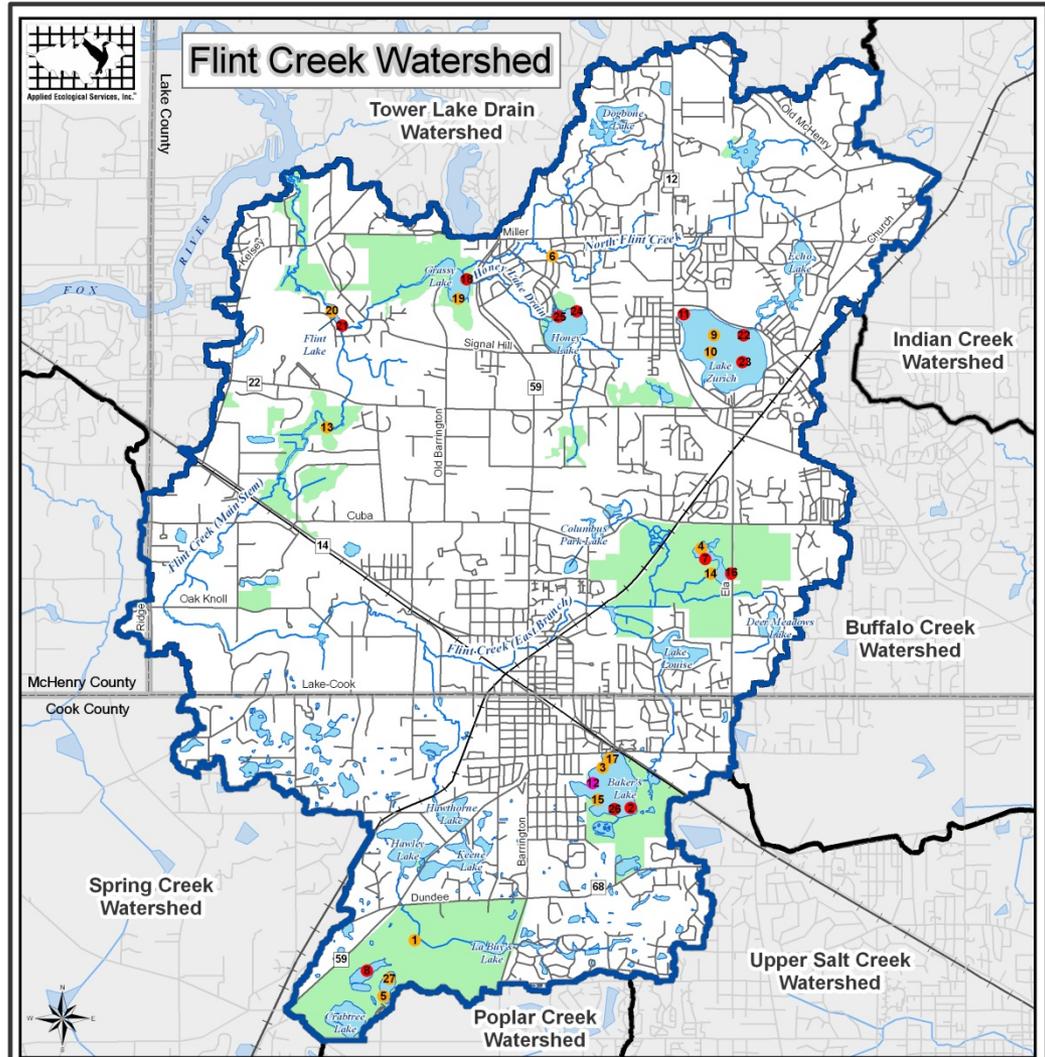
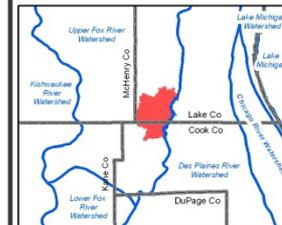


Figure 28: Threatened & Endangered Species Locations

DATA SOURCES
 Lake County Information & Technology Illinois Department of Natural Resources
 Cook County Research Department Lake County Health Department
 McHenry County Information Technology



Flint Creek Watershed Locator Map
 Lake, Cook, McHenry Counties, Illinois

| | | |
|---------------|--|---|
| Legend | <ul style="list-style-type: none"> — Road — Rail Road — River & Stream ▭ County Boundary ▭ Adjacent Watershed ▭ Flint Creek Watershed ▭ Open Water ▭ Ecologically Significant Area | Threatened & Endangered Species Locations Classification <ul style="list-style-type: none"> ● Rookery ● State Endangered ● State Threatened |
|---------------|--|---|

0 5,000 10,000 20,000 Feet

Goal A: Protect surface and groundwater resources and enhance overall water quality in the lakes and streams of the watershed.

Milestones: 1-5 Years

1. Establish and fund a water quality monitoring program.
2. Develop stream restoration concept plans for all high priority stream reaches identified in the Site Specific Action Plan.
3. Develop lake shoreline restoration concept plans for all high priority shorelines identified in the Site Specific Action Plan.
4. Retrofit at least 3 high priority water quality detention basin retrofits recommended in the Site Specific Action Plan.
5. Develop concept plans to restore at least 2 high priority wetland restoration sites identified in the Site Specific Action Plan.
6. Identify at least 5 high or medium priority open parcels (for water quality improvement) for BMP implementation.
7. Homeowner and business associations require phosphorus-free fertilizer.
8. Promote alternatives to salt on roads and driveways; reduce salt usage.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved

Goal B: Identify and protect important natural resources/open space in the watershed and provide appropriate passive recreation benefits.

Milestones: 1-5 Years

1. 75% of sites with high quality natural areas or T&E species are protected.
Note: many existing areas are already protected.
2. Establish program and funding for Natural Resource Inventories (NRI) for all priority unprotected green infrastructure parcels.
3. At least 2 buffer parcels adjacent to high quality natural areas/T&E species are protected and restored.
4. At least 2 new developments on high priority open space use conservation development techniques.
5. All governing bodies in the watershed incorporate the “Green Infrastructure Plan” into existing comprehensive plans.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved

Goal C: Reduce existing flood damage in the watershed and prevent flooding from worsening downstream.

Milestones: 1-5 Years

1. Identify and protect at least 2 undeveloped (open space) parcels in 100 year floodplain.
2. Identify and develop concept and final plans to mitigate for at least 2 Flood Problem Areas by constructing storage sites, wetland restorations, or other projects recommended in the Site Specific Action Plan.
3. Retrofit at least 2 pre-1992 Lake County detention basins with post-1992 restrictors or other means to reduce flooding.
4. Implement at least 1 high priority stream (> 500 linear feet) restoration project that helps reconnect the stream channel to the adjacent floodplain. Note: this milestone will likely be tied to stream restoration milestones under Goal A.
5. All new developments incorporate infiltration BMPs in design.
6. Implement a watershed-wide stream maintenance program to clear stream channels of problematic debris jams.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved

Goal D: Improve aquatic and terrestrial habitat in the watershed.

Milestones: 1-5 Years

1. Restore at least 20 acres of degraded terrestrial open space to native plant communities.
2. Develop stream restoration concept plans for all high priority stream restoration reaches identified in the Site Specific Action Plan. Note: this milestone will likely be tied to stream restoration milestones under Goal A.
3. Develop lake shoreline restoration concept plans for all high priority shorelines identified in the Site Specific Action Plan. Note: this milestone will likely be tied to lake shoreline milestones under Goal A.
4. Develop short and long term management and monitoring plan for all protected natural areas.
5. At least 10 watershed stakeholders (private residents, businesses, etc) incorporate native vegetation into existing or new landscapes.
6. Develop concept plans to restore at least 2 high priority wetland restoration sites identified in the Site Specific Action Plan. Note: this milestone will likely be tied to wetland restoration milestones under Goal A.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved

Goal E: Increase communication and coordination among municipal decision-makers and other stakeholders within the watershed.

Milestones: 1-5 Years

1. A watershed council is established and meets twice each year to discuss plan recommendations and track plan success.
2. All municipalities and other governing bodies in watershed adopt the Flint Creek Watershed-based Plan and implement plans, codes, and projects that support watershed plan goals and objectives.
3. Representatives from all municipalities and other select stakeholders attend regular meetings of the Flint Creek Watershed Partnership.
4. At least 3 multi-jurisdictional and/or public-private stream channel maintenance projects are implemented.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved

Goal F: Foster appreciation and stewardship of the watershed through education.

Milestones: 1-5 Years

1. Develop a watershed information sharing website (that includes watershed related issues, dates of important events such as seminars, workshops, monitor training etc.).
2. Conduct at least 2 seminars or workshops in the watershed related to benefits and goals of native plants and natural area restoration and track attendance and survey attendees at events.
3. Conduct at least 2 seminars or workshops in the watershed relating to general watershed topics such as water quality, natural resource/greenway protection and enhancement, and flooding and track attendance and survey attendees at events.
4. Identify at least 1 open parcel adjacent to or near each school in the watershed that would be appropriate to teach outdoor education.
5. Publicize all watershed improvement projects in news media, agency news letters, website, etc.
6. Identify at least 1 HOA, Lake Association, or school program interested in initiating environmental monitoring programs and train at least 2 environmental monitoring volunteers.

Grade : A = Met or exceeded milestone(s)

B = Milestone(s) 75% achieved

C = Milestone(s) 50% achieved

D = Milestone(s) 25% achieved

F = Milestone(s) not achieved