



**Bloomington Sustainability Action Plan Environmental Quality and Natural Systems
Working Group Meeting Four Notes (Part 2)
1 May 2018
City Hall
6 pm – 8:30 pm**

Topic: Identify challenges regarding urban sprawl and climate change adaptation and propose solutions.

Facilitator: Stephanie Richards

Computer notes: Steven Chybowski

Number of participants: 12 (Kriste Lindberg, Elizabeth Tompkins, Kathy Gutowsky, Steve Cotter, Jana McGee, Phil Peden, Jane St. John, Autumn Salamack, Stephanie Richards, Daphney Richemond, Farhana Khan, Steven Chybowski)

Voting Activity:

Top Priorities Identified:

- Require building codes addressing invasive species for remodeling properties
- Create a Backyard Habitat-style program to incentivize control of invasive species
- Educate the public on illicit discharges into storm water
- Create a green business certification program
- Develop a city composting program
- Create incentives for green development

Priority Areas - Voting

Tax Invasive Species

Use technology to track invasive species (e.g. drones)

*Encourage use of App for reporting + mapping invasives

Require invasive species codes for remodeling properties

Prioritize species

Identify tools + limitations for eradication methods

Support MC-IRIS in identifying new invasive species

*Create Backyard Habitat-type program to control invasive species + incentivize good behavior

Use nuisance concept in business law to curb neighbor's behavior

Draw down + freeze aquatic invasives

Create flyer to educate residents re: dumping aquariums into waterways

Create incentives for use of native species

Promote MC-IRIS invasive plant education efforts

Create App to photo + tag native species

Identify projects for HS students re: invasive/native plants

Change zoning ordinances to allow for taller fences (up to 10ft) to keep out deer

Encourage HOAs to change covenants re: fence height

Pass ordinance to prevent feeding of deer year-round

Education re: deer-resistant plants

Managed hunts @ Griffy Lake

Establishment of Deer Urban Zones + planned hunts with permission of nearby neighbors

Public education re: biodiversity + economic loss caused by deer

Recruit qualified professionals (e.g. scientists) to assist with ongoing recommendations for ecosystem protection

Identify indicator species for biodiversity

Enforce existing rules intended to protect ecosystems

Create demonstration spaces for native habitats

City becomes a Backyard Habitat partner

Create Monarch butterfly weigh stations in parks + neighborhoods

Map land + natural systems in the city

Create ecosystem + biodiversity inventories / possibly Bio-Blitz

*Educate public on illicit discharges

Create way of reporting residents who engage in illicit discharges

Sponsor stream + river clean-ups

Communicate goals + actions to IU to encourage collaboration

Use Habitat Connectivity Plan to identify priority conservation areas + use native shrubs + trees to improve connectivity of woody habitat

Purchase property to create habitat connectivity corridors

Encourage residents to plant fruit trees at property edges to encourage pollinators

Encourage purchase of recycled products locally

Encourage reuse of plastic + paper products

Neighborhood mulching areas

Pictorial depiction of impacts of waste (educational)

Discounts for use of reusable products for coffee, tea, etc.

Green Cleaning Recipe Book

• Educate businesses on waste minimization through sectoral guide books

Business training on life cycle costs

Educate citizens re: Hoosier to Hoosier Sale

Educate people on how to reduce waste through "fix it" workshops, consumerism education, + hands-on activities at schools

*Create green business certification program

Encourage group purchases of green products

Develop incentives to reduce waste (e.g. tax benefits, public recognition)

Encourage grocery stores to create incentives for reusable bags

Track waste + charge by weight instead of lump-sum charge

Sponsor public education re: recycling

Encourage competition in waste management

Analyze waste stream

* Develop city composting program
Place where they can dump aquarium water

Slow speed of water with daylight streams

Develop Emergency Action Plan to address potential flooding

Conduct vulnerability assessment + Climate Adaptation Plan

Encourage use of UReport to report illicit discharges

Enforce stormwater mgt. through use of aerial photos

Create brochure for resident responsibilities re: stormwater

Public education re: swimming pools + hot tubs

* PLANT LARGE TREES TO REDUCE THE SPEED OF WATER

INCREASE DETENTION REQUIREMENTS TO REDUCE THE SPEED OF WATER

INCREASE PERVIOUS PAVING AND SURFACES - ZONING CHANGE

CREATE NEW RETENTION REQUIREMENTS FOR DEVELOPMENTS - ZONING CHANGE

PROMOTE GREEN ROOFS AND RAINBARRELS

CONDUCT RAIN GARDEN TOURS AND HOME SHOWS

GROUP INSTALLATION OF PERVIOUS PAVING

REVISE STORMWATER CREDIT TO MAKE IT ACCESSIBLE FOR RESIDENTS

Hands-on demos re: stormwater management

Public education re: stormwater with focus on students (e.g. Enviroscape)

Expand Adopt-a-Stream program

Exhibit tables + more public events

Facebook, Ambassador program, Sewer walks, Ed. timed w/ construction + stormwater plan release

Increase in stormwater rates to finance improvements



Wrap up/Comments about the Process:

- We are talking to the City departments and looking at STAR recommendations
- To the extent possible, we will incorporate the working groups ideas
- We will stay in touch as there will be a draft going out this summer for review