

I. Provide, protect, and maintain sources of quality water to sustain human and ecological needs

Purpose:

Goal 1: Protect, restore, and/or enhance ecological resources to maintain and/or enhance water resources

Objectives:

Goal 2: Stormwater management: Enforcement of Act 167 – develop plans / enact zoning ordinances

Objectives:

- Identify non-point source pollution
- Enforcement by local municipalities
- Municipal sampling program for streams
 - DEP – Identify baseline inventory
 - DEP – authority
 - Post-construction BMPs
 - Life of post-construction permit

Goal 3: Upgrading Infrastructure

Objectives:

Eliminate CSOs/SSOs

Goal 4: Prevent degradation/contamination of groundwater resources by improper well abandonment, etc.

Objectives:

Permit – make plugging mandatory

Goal 5: Prevent degradation/contamination of surface water resources by improper stormwater and wastewater management

Objectives:

Goal 6: Non-point source pollution

Objectives:

- Correlate with land use
- Continue education and outreach programs
 - Promote ag BMPs, grants, tax incentives
 - Surveys – who are big users (fertilizers, pesticides), application methods, what is causing problems, etc . . .
 - Develop website to share and recognize projects that prevent pollution – share information on Pollution Prevention
 - Continue CREP Dirt & Gravel Road Program
- DEP should develop regulations to regulate post construction BMPs for new development

Goal 7: Recycling/Conservation

Objectives:

Goal 8: Wastewater management

Objectives: Identify failing septic systems

Goal 9: Establishing current water quality benchmarks for protection and/or restoration

Objectives:

II. Protect Water Quantity

Purpose:

Goal 1: Determine the process for establishing regional decision-makers
Objectives: Develop and pass legislation

Goal 2: No export/transfers – Annex
Objectives: Meet current standards, as per Annex

Goal 3: Provide mechanism (i.e., State assistance or incentives, i.e., PennVEST)
for infrastructure upgrades

Objectives:

- COG

- Regulatory Authority – stormwater, sewer

- Intergovernmental Cooperation – Federal and State

- Upgrade infrastructure

Goal 4: Determine accurate and current demands and trends of water use

Objectives:

- User registration

- Municipal/State

- Education, Planning

- Future demands

Goal 5: Define resources as Great Lakes, groundwater, and surface water

Objectives:

- Achieved by definition – all water

- Develop water budget

Goal 6: Define uses as consumptive as economic and non-consumptive environmental

Objectives:

List specific basin uses & tie to trends

Goal 7: Regional management

Objectives:

1. Identify entities that manage allocations, balancing and emergency management

Goal 8: BMPs for water recycling

Objectives:

Educate
Encourage
Enforce

Goal 11: Provide continuing water conservation education programming

Objectives:

Determine who does, how much, audience

III. Reduce Negative Land Use Impacts on Resources

Purpose:

Goal 1: Maintain hydrologic integrity by establishing the capacity to evaluate and address land use impacts, such as point and non-point source pollution on recharge, flow, and the surface and groundwater regimes.

Objectives:

1. Add conservation design and stormwater BMP language to municipal ordinances with incentives for developers
2. Program for nutrient overloads, e.g. composting facility for manure, pumice

Goal 2: Protect groundwater supplies from contamination and reduced capacity by controlling incompatible surface uses, i.e., wellhead protection

Objectives:

1. Develop incentives to encourage groundwater/stormwater recharge
2. More resources for monitoring and enforcement
3. Household Hazardous Waste facility
4. Well-head setback area acquisition

Goal 3: Identify, protect, and restore floodplains and lake bluffs

Objectives:

1. Establish policy for dealing with exposed shoreline due to retreat of Great Lakes

Goal 4: Improve consistency between municipal, sewer, and water planning

Objectives:

1. Act 247/Act 537

Goal 5: Improve problems with aging infrastructure and malfunctioning sewage systems (on-lot and CSOs)

Objectives:

1. Identify and assess malfunctioning systems – add resources for ECHD
2. Provide incentives for replacement and repair of systems

IV. Communicate with the Public

Purpose:

Goal1: Encourage development of curriculum for school children

Objectives:

Goal 2: Encourage meteorologists to talk about and educate public about water resources

Objectives:

V. Collaborate, Coordinate, and be Cognizant with Great Lakes States and Provinces

Purpose:

Goal 1: Think broader than PA's Great Lakes boundaries

Objectives:

Goal 2: Regional Planning

Objectives:

1. (ex. Federal enforcement of ballast water rules)

Goal 3: Regional dialogue

Objectives:

Goal 4: Education

Objectives: