



Brush Creek Basin Vision, Mission, Goals & Objectives

...developed cumulatively to guide watershed management planning and feasibility study activities

THEME: INTEGRATED, COLLABORATIVE MANAGEMENT

Goal: Create opportunities for all communities and special interests in the watershed to contribute and collaborate on watershed management.

Objectives

- Develop a process to allow community viewpoints to contribute to policy development and implementation.
- Create programs and incentives for public/private partnerships.

Goal: Create and implement a management process that balances social, economic and environmental interests.

Objectives

- Respect, communicate with, and involve residents and businesses during project planning and implementation.
- Generate economic development, reinvestment and new investment opportunities throughout the watershed.
- Support rehabilitation of damaged or blighted neighborhoods.
- Create economic development policy that catalyzes self sustaining economic development through green jobs programs
- Provide natural resource protection throughout the watershed.

Goal: Establish and implement an organizational framework for watershed management.

Objectives

- Establish an entity to address flood risks.
- Establish organization structure including representatives from diverse interests and city departments.
- Develop charter or Memorandum of Understanding (MOU).
- Identify/create sustainable funding mechanism to support multi-jurisdictional watershed planning and management.
- Coordinate efforts with other agencies and stakeholders in planning, design, development, and implementation of projects.
- Provide for watershed maintenance (ownership/easement, access, resources, staff, equipment, etc.).
- Create and empower a cooperative, effective, multi-jurisdictional organizational framework to manage policies development and implementation within the watershed (e.g. Special Area Management Plan).
- Establish an entity to provide security measures and features (e.g. emergency phones).

OUR VISION: A healthy and sustainable watershed where we respectfully work together to protect, restore, and enhance resources.

OUR MISSION: To partner in the development and implementation of an integrated watershed management plan, to improve water quality, and manage flooding using a balanced approach for social, economic and environmental benefit.

THEME: ENVIRONMENTAL PLANNING, DESIGN, AND CONSTRUCTION

Goal: Coordinate, integrate and balance flood management activities, water quality improvement strategies, recreational improvements, sediment management, and ecological restoration activities.

Objectives

- Create/empower watershed protection oversight body.
- Develop policies and practices that support sustainable neighborhoods, economic development, and redevelopment throughout the watershed.

Goal: Manage flood risk along Brush Creek and its tributaries.

Objectives

- Compile known flood risks in the watershed from local stakeholders and characterize the flood risks in terms of public safety (depth, velocity, population-at-risk, warning time and rate-of-rise).
- Evaluate and improve existing flood warning systems and response plans.
- Use a multipurpose stream corridor approach to manage flood risks (floodproofing, building elevation, buyouts, etc.).
- Evaluate basin-wide greenworks (BMPs, LIDs, native species, rain gardens, etc.) with specific focus on 20%-chance to 50%-chance flood events.
- Develop and implement land use planning tools (i.e. green solutions, buffer zones, buyouts) focused on flood risk management.
- Assess the performance of the basin's combined stormwater infrastructure as a system (specifically detention basins and design standards).
- Establish a process for consistent and transparent technical review of no-rise certifications and watershed impact issues for stronger watershed management (and develop required organizational structure).



Brush Creek Basin

Vision, Mission, Goals & Objectives

...developed cumulatively to guide watershed management planning and feasibility study activities

Goal: Preserve, enhance and restore riparian and aquatic ecosystems.

Objectives

- Take advantage of multipurpose solutions that improve aquatic ecosystems and the management of floodwaters.
- Conduct riparian and aquatic ecosystem inventory throughout watershed.
- Establish stream corridors to promote ecosystem connectivity.
- Undertake riparian habitat and stream restoration activities, restore stream banks, improve aquatic habitat, address habitat scarcity, and increase biodiversity/bioabundance in selected reaches of Brush Creek and its tributaries.
- Implement lowland, hardwood restoration plan for vacant/parks/land trust parcels in riparian zone.
- Develop and implement a comprehensive ecosystem monitoring program.
- Establish present geomorphic conditions for Brush Creek and its tributaries and determine methods needed for reducing sediment loss, addressing associated bank erosion issues, and addressing channel degradation.
- Develop a menu of measures (e.g. riffle/pool complexes, bioengineering, retrofitting, etc.).

Goal: Improve water quality within Brush Creek and its tributaries.

Objectives

- Identify and manage sources of pollution and loadings.
- Complete an accurate and comprehensive assessment of the water quality within the Brush Creek watershed, and develop and implement a comprehensive water quality monitoring program.
- Identify differences in current water quality standards for Brush Creek established by various entities.
- Seek commitments from public and private entities to utilize best management practices.
- Identify and secure public and private funding sources for water quality-related projects.
- Utilize green solutions to reduce/improve nutrient, fecal coliform, sediment loadings and other biological/chemical factors.
- Improve the geomorphic condition with regional, basin focus, and address the watershed impacts of regional sediment loss from stream corridors with bank stabilization features that improve the habitat for target species and also offer aesthetic and recreational side benefits.
- Develop and implement incentive programs and policies for communities to demonstrate proactive water quality management.
- Develop and build on water quality models for land use planning within the watershed.

Goal: Promote and enhance recreational opportunities.

Objectives

- Create contiguous stream corridors and trails connected with the stream corridor and other recreational areas and opportunities.
- Promote organized recreational and stewardship activities.
- Obtain land for recreational opportunities.
- Use stream corridors as a multipurpose opportunity to address needed alternative transportation features for bicyclists that can use the advantages of continuous, flat, safe stream corridors to commute.

THEME: ADVOCACY AND EDUCATION

Goal: Develop a comprehensive public education, advocacy and outreach program to increase public awareness about, understanding of, and involvement in protecting and enhancing our natural and built environment.

Objectives

- Increase awareness and appreciation of natural resource conservation and water quality through public surveys, educational programs, watershed signage.
- Create web-based GIS mapping service and website.
- Create interactive, educational opportunities for the community that promote good stewardship ethic, connect citizens to the water resource, encourage participation in recreational activities, and develop neighborhood and community pride.
- Develop focused advocacy program to build support for watershed approach from public officials and the private community.

Goal: Improve public understanding of flood risks.

Objectives

- Make public aware of risks of large infrequent floods.
- Involve public in identifying acceptable risk.