

APPENDIX H GOALS AND POLICIES

Complete Listing of Goals and Policies (Tables 6, 8, 10, 12, 14, 16, 18)

Goal Statement: Provide at least 100-year (1% chance) flood protection for all persons and structures.	
Policy No.	Goal 1. Water Quantity – Policies
1	Establish building elevations to provide at least 3 feet of freeboard adjacent to ponding areas and floodplains as an area develops or when drainage facilities are constructed for an area.
2	Establish and maintain overflow routes for ponds and low areas to provide relief during storm conditions that exceed design conditions.
3	Newly constructed stormwater facilities will be designed, operated, and maintained in accordance with this Plan.
4	Where possible, regional ponding areas, as opposed to individual on-site ponds, should be used to reduce flooding, to control discharge rates, and to provide necessary storage volumes as indicated in this Plan.
5	As opportunities allow through development, redevelopment, and infrastructure replacement, stormwater facilities should be built or upgraded to provide or improve flood management and water quality.
6	Encourage the development of new and improvement of existing ponds located upstream of priority water bodies.
7	Permanently protect surface water impoundments and drainage systems by requiring the dedication of land and/or protective easements as required.
8	Creative and innovative Best Management Practices, including infiltration, shall be promoted within the limitations imposed by construction practices, soil conditions, groundwater supply and recharge, safety, snow removal, and maintenance.
9	Continue to stringently enforce impervious surface requirements as set forth in City Code and development contracts.
10	Require all developments to construct nutrient detention ponds, or enlarge regional ponds, for the purpose of reducing peak flows generated by the subject development, in accordance with Minnesota Statute 462.358, and in the general location indicated by the Surface Water Management Plan.
11	Preserve existing water storage below 100-year flood elevation.
Goal Statement: Achieve water quality standards in lakes, streams, and wetlands consistent with their designated use and established classifications.	
Policy No.	Goal 2. Water Quality – Policies
1	Categorize and manage each water body in the City’s surface water system to best meet state, local, and federal water quality standards.
2	Establish and implement on-going program designed to educate land owners in sensitive water quality management practices and develop and maintain a public education program to promote reduction of nutrient and sediment loading to water bodies.
3	Continue to monitor long term water quality trends on prioritized water bodies.
4	Focus management activities and capital improvements based on the priority ranking scheme included in this Plan. Update priorities annually with a 5 year horizon.
5	Evaluate the progress of surface water management on an annual basis in conjunction with the annual City Council Report/NPDES MS4 annual report.
6	The City may, at its own discretion, require construction of a higher level of treatment than required in the standards of this Plan, when it is determined that it is necessary to maintain the integrity of water quality in downstream priority water bodies.
7	City will lead by example by following the standards of this Plan and encouraging BMPs to provide pollution prevention and water quality treatment on City-initiated projects.
8	The City will encourage residents and landowners to practice environmentally friendly lawn care and housekeeping practices, and the use of native planting or natural landscapes rather than turf lawns, where appropriate.

9	Prohibit the discharge of foreign material into the storm water system. Such material shall include, but not be limited to, waste oil, paint, grass clippings, leaves, commercial fertilizers, and miscellaneous chemicals.
10	Develop and implement a spill response program for the City personnel to prevent discharge of spilled materials into the storm sewer system. The response program should focus on containing, neutralizing, and properly disposing of spilled materials. The Fire Department, Public Safety Department, and Public Works Department should have a readily available supply of response material including oil absorbing pads.
11	Require all developments to construct nutrient detention ponds, or enlarge regional ponds, for the purpose of treating increased runoff generated by the subject development, in accordance with Minnesota Statute 462.358, and in the general location indicated by the Surface Water Management Plan.
12	Continue to implement the erosion and sediment control policies and the construction site inspection program to ensure reduction of water quality impacts from lack of erosion and sediment control.
Goal Statement: Protect and rehabilitate wetlands to maintain or improve their function and value.	
Policy No.	Goal 3. Wetland Protection – Policies
1	Develop and maintain an official wetlands map that classifies wetlands by function and value.
2	Adopt and keep current ordinances and standards designed to protect wetlands.
3	Wetland alteration, where allowed, should be the basis of “no net loss”. If wetland impacts are unavoidable, they should be mitigated through replacement, wetland conversion, and/or improvements to wetland function and value.
4	Adopt the storm water and water quality management practices designed to protect wetland functions and values. Introduction of storm water runoff should be allowed only when it is demonstrated that wetlands will not be adversely impacted.
5	Adopt an ordinance in compliance with the Minnesota Wetlands Conservation Act of 1991 for no net loss in quantity and quality of jurisdictional wetlands.
Goal Statement: Minimize soil erosion and sedimentation.	
Policy No.	Goal 4. Erosion and Sediment Control – Policies
1	Erosion and sediment control practices are necessary on all construction sites and on sites experiencing erosion control problems.
2	Best Management Practices should be used at all construction sites per the Minnesota Pollution Control Agency’s “Minnesota Urban Small Sites BMP Manual” (2001), the Minnesota Pollution Control Agency’s “Protecting Water Quality in Urban Areas” (2000), and/or the Minnesota Pollution Control Agency 2005 Storm Water Manual.
3	Disturbances to existing vegetation (trees, turf grass, native vegetation, etc.) should be minimized.
4	The City will continue to work with Carver County SWCD to inspect construction sites for erosion and sediment control issues once every 2 weeks and after every 0.5-inch rain event.
5	The City will maintain and educate the public on the Clean Water Hotline. This hotline is used to report erosion and sediment control issues on sites, and to report any water quality issues.
6	Graded areas should be protected using erosion and sediment control Best Management Practices to reduce erosion in a manner consistent with the standards of this Plan. Streets will be frequently swept where construction activities spill and or track sediments onto streets. In areas undergoing construction activities, the cost of sweeping sediment from the streets generated by development should be borne by the developer and/or home builder.
7	Stockpiled soil (and/or like-materials) should be protected to prevent erosion.

8	Effective energy dissipation devices should be provided at all conveyance system discharge points to prevent bank, channel, or shoreline erosion. Design of stream bank stabilization and streambed control measures should consider unique or special site conditions, energy dissipation potential, adverse effects, preservation of natural processes and aesthetics, in addition to standard engineering and economic criteria.
9	Update City Specifications annually to reflect current technology for erosion and sediment control.
Goal Statement: Establish and maintain funding sources to finance surface water management activities.	
Policy No.	Goal 5. Finance Policies
1	Revise, implement, and maintain a financing strategy for surface water improvements utilizing a combination of storm water utility fees, special assessments, surface water management plan connection charges, and storm water program grant funds.
2	Require all new development to pay connection charges for water quality and water quantity to finance downstream improvements to accommodate new developments.
3	Continue to collect storm water utility fees from all parcels within Chanhassen (exempting public ROW and lakes), to reflect the service provided by the City for storm water management and associated operational costs.
Goal Statement: Maintain primary responsibility for managing water resources at the local level but continue coordination and cooperation with other agencies and organizations.	
Policy No.	Goal 6. Regulatory Responsibility – Policies
1	Adopt policies consistent with local watershed authorities' management plans.
2	This plan and all subsequent amendments shall be consistent with the plans of regulatory agencies.
3	This plan will be amended as necessary to remain current.
4	Coordinate projects and information with government agencies; i.e. MnDOT, Carver and Hennepin Counties, Department of Natural Resources, Watershed Districts, and Water Management Organizations.
Goal Statement: Provide educational resources to improve knowledge and promote an active public role in management of water resources.	
Policy No.	Goal 7: Public Education and Participation - Policies
1	The City will continue to provide opportunities for public involvement (e.g., neighborhood meetings, public hearings, mailed notices, etc.) for significant water resource decisions or projects.
2	The City will coordinate and consult with the City Council and appropriate City commissions and committees on surface water issues.
3	City will communicate with lake associations and other civic and citizen groups.
4	The City will actively implement the current educational programs and work to develop and implement new education programs and activities related to water resources. This program will use a variety of media including use of notices, mailings, local cable television, newsletters, articles, internet web sites, workshops and/or presentations to inform and educate the public.
5	The City will cooperate with other agencies and encourage establishment of model interpretative sites for public education like the storm water practices at the Landscape Arboretum.
6	Continue to remain in compliance with the NPDES Phase II MS4 permit with respect to public education and involvement.