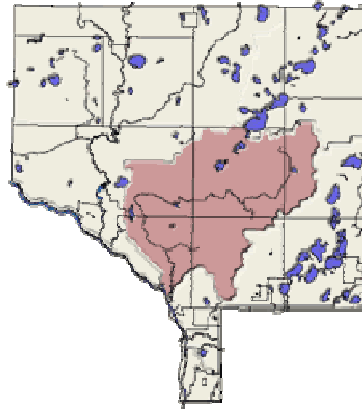


2007 Annual Report & 2008 Annual Plan



Coon Creek Watershed District

**12301 Central Avenue Northeast
Suite 100**

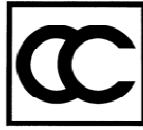
Blaine, Minnesota 55434

Phone: 763.755.0975

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Website: www.cooncreekwd.org

**Approved by the Coon Creek District Board of Managers
May 27, 2008**



**Coon Creek Watershed District
Managers and Staff 2007-08**

Board of Managers

Warren Hoffman
Joe Marvin
Ted Capra
Byron Westlund
Bill MacNally

Office

President
Vice President
Secretary
Treasurer
At Large

Staff

Tim Kelly
Ed Matthiesen
Michelle Ulrich
Shannon Skally
Ken Zeik
Kevin Springob
Dawn R. Doering
Trianna Full

Position

District Administrator
District Engineer
District Attorney
District Hydrologist
Water Resource Professional
Water Resource Professional
Information and Education Coordinator
Administrative Assistant

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1. Coon Creek Watershed District at a Glance

Introduction The Coon Creek Watershed District (District) was created in 1959. The Watershed encompasses 94 square miles of central Anoka County on the northern edge of the Twin Cities Metropolitan Area, Minnesota. The basic authorities for the District are provided by the Watershed Act (M.S. 103D) and the Metropolitan Water Management Act (M.S. 103B).

Mission **To manage groundwater and the surface water drainage system to prevent property damage, maintain hydrologic balance, protect water quality for the safety and enjoyment of citizens, and preserve and enhance wildlife habitat.**

Annual Report Requirements **Watershed Act**
The Minnesota Watershed Act (M.S. 103D.351) requires the District to prepare a yearly report of the financial conditions of the District, the status of all projects, the business transacted by the District, other matters affecting the interests of the District and the District's plans for the succeeding year.

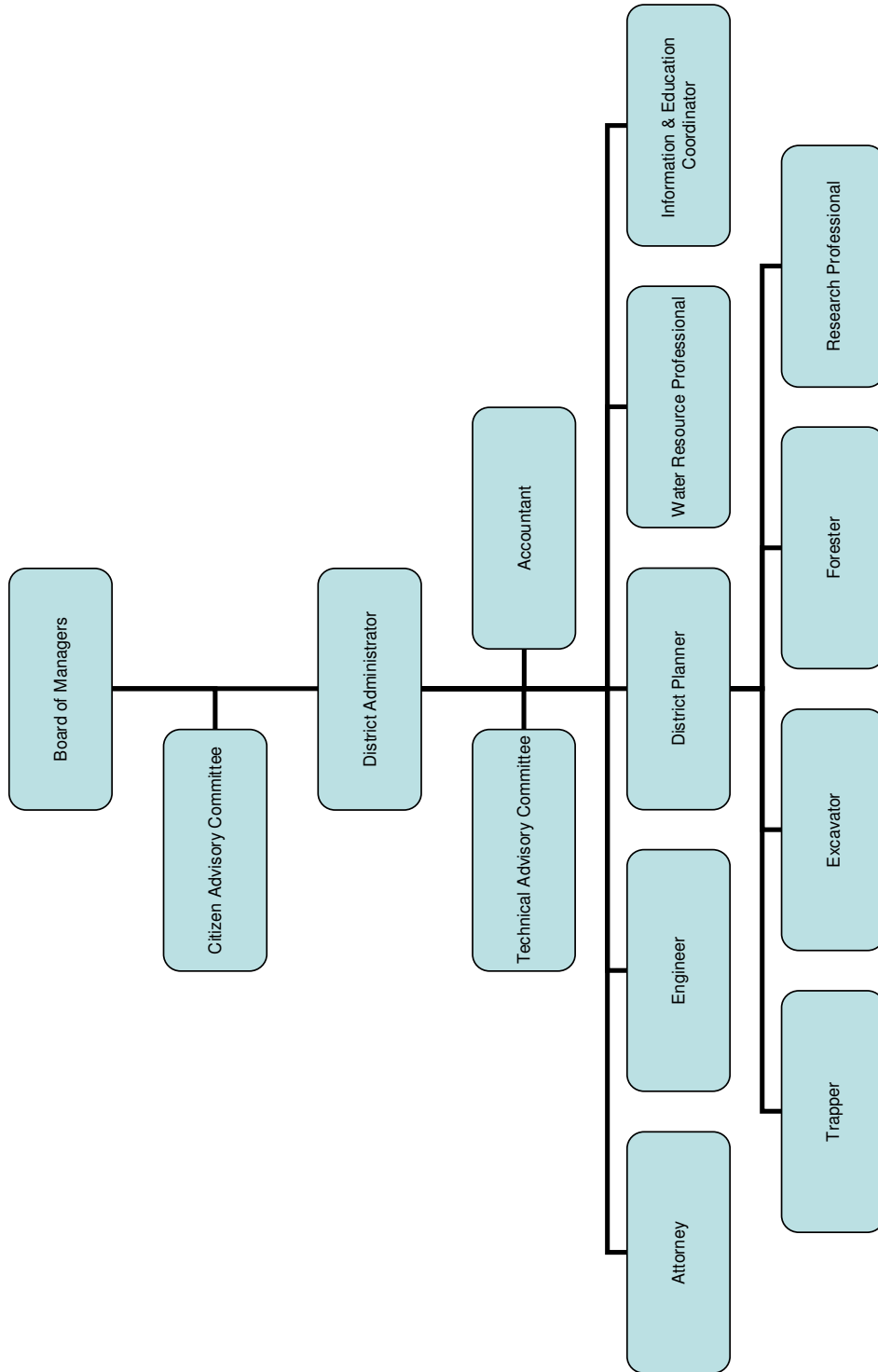
Metropolitan Water Management Act
The Metropolitan Water Management Act (M.S. 103B.231) requires a yearly report similar to the Watershed Act but stipulates specific financial and activity items to be reported.

Federal Clean Water Act
The National Pollution Discharge Elimination System (NPDES) Program requires all MS4s to file an annual report of specific activities related to the Minimum Control Measures (MCMs) identified in the District Storm Water Pollution Prevention Plan (SWPPP).

Organizational Structure The District is governed by a Board of Managers. The Board is composed of five members representing different geographic areas of the District. Each Manager serves a staggered three-year term, is nominated by his or her local unit of government, and is appointed by the Anoka County Board. The Board of Managers is statutorily authorized to employ professional assistants in carrying out its duties. The Board and staff provide leadership on a watershed-wide basis. Watershed-wide policy and direction are formulated and provided for field implementation through District and municipal activities.

The current organizational structure is shown on the next page.

Coon Creek Watershed District Organizational Structure



District Business Model

To implement its mission and pursue the legislative goals, the Coon Creek Watershed District (District) uses six strategies through the following programs:

1. Administration
2. Development Regulations and Issue Management
3. Operations and Maintenance
4. Planning, Programming and Budgeting
5. Public and Governmental Relations
6. Research , Monitoring, and Data Collection

Link to District Budget

District programs and supporting activities are listed on pages 9-30.

The Administrative Program review (pages 9-12), presents the financial statements of the District.

Adjustments to Comprehensive Plan

The annual goals for our 2008 Budget and Plan are based on the District Comprehensive Plan (approved by the Board of Water & Soil Resources in October, 2004) and SWPPP (approved by the MPCA in September, 2007). Adjustments to some District objectives and outcomes are based upon more recent performance information and current and projected funding levels.

2. District Programs

Programs

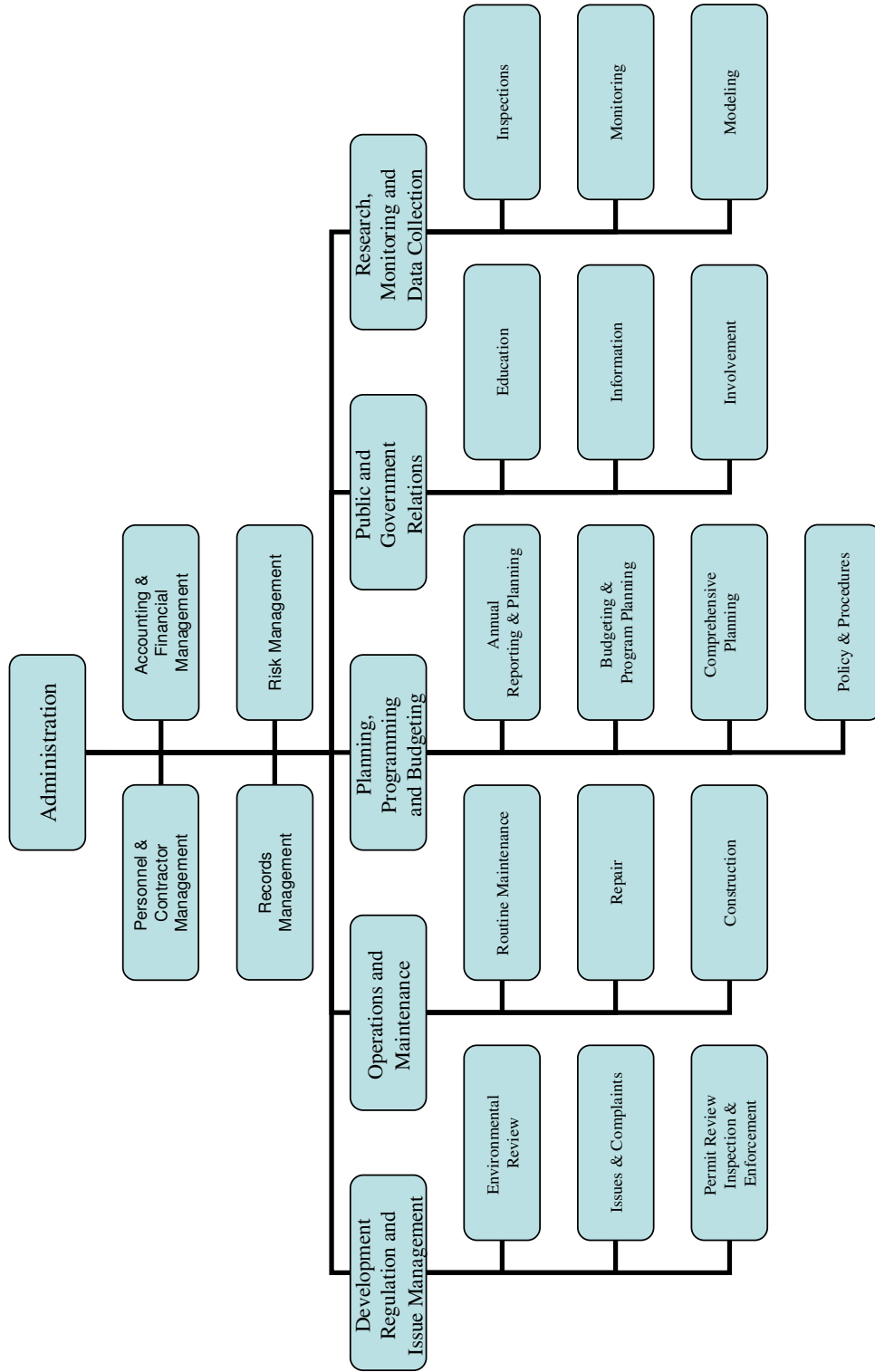


To implement its mission and pursue its goals, the Coon Creek Watershed District operates six programs encompassing 20 separate activities:

	Program	2007 FTE Budget	2007 FTEs Actual	2007 Budget
1	Administration	0.25	0.22	\$ 80,225
2	Development Regulation Issue Management	2.5	1.38	434,773
3	Operations Maintenance	0.5	0.5	73,896
4	Planning Programming Budgeting	0.5	0.75	171,397
5	Public and Governmental Relations	1.5	1.5	89,712
6	Research Data Collection	0.1	.1	107,867
	Totals	5.4	5.2	\$957,869

The following pages breakout Program structure and purpose.

Coon Creek Watershed District Program and Activity Structure



Administration Program

PROGRAM DESCRIPTION

The Purpose of administration is to carry out the approved policies of the Board of Managers, administer the financial affairs of the Coon Creek Watershed District, and ensure the accountability of public funds and serve District financial needs.

The Administration Program consists of six activities: Board, Records, Financial Management, Contract and Personnel Administration, Training and Seminars, and Risk Management.

ACTIVITIES and OUTCOMES

Board of Managers

The District is governed by a Board of Managers. The Board is composed of five members representing different geographic areas of the District. Each Manager serves a staggered three-year term, is nominated by his or her local unit of government, and is appointed by the Anoka County Board.

Name		Office	Appointed	Term Ends	Phone
Ted	Capra	Secretary	2005	2011	(763) 783-8533
Warren	Hoffman	President	2000	2010	(763) 434-5729
Bill	MacNally		2003	2010	(763) 951-2667
Joe	Marvin	Vice President	1993	2011	(763) 427-1131
Byron	Westlund	Treasurer	2006	2009	(763) 427-7500

Meetings

The Board of Managers meets the second and fourth Monday of each month. In 2007 the Board met 20 times. Two of those meetings (July and November) were scheduled after the downturn in the development industry and were cancelled because of lack of business for the Board.

	2005	2006	2007	2008	2009
Meetings	23	23	20	23	23



Board Business

Agenda Items	2005	2006	2007	2008	2009
Policy	151	157	137	150	150
Permit Review	144	121	83	80	85
Discussion	27	17	27	25	25
Information	13	14	16	15	15
Total	335	309	263	270	275

Contract and Personnel Administration

Staff - 2007	Position	FTE
Tim Kelly	District Administrator	1.0
Ed Matthiesen	District Engineer	N/A
Michelle Ulrich	District Attorney	N/A
Shannon Skally	District Hydrologist	.4
Ken Zeik	Water Resource Professional	1.0
Kevin Springob	Water Resource Professional	1.0
Dawn R. Doering	Information and Education Coordinator	1.0
Triana Full	Administrative Assistant	.8

Service Providers

Contract Service	Provider
Accounting	Anoka County
Banking: Magic Fund	US Bank
Computer Support	Techstar Solutions
Engineering	Wenck & Associates
Insurance	Lg of Mn Cities Insur Trust
Legal	Michelle Ulrich
Mobile Phone Service	T - Mobile
Mobile Phone Service	Verizon
Payroll	Anoka County
Phone System	Integra Telecom, Inc
Photocopier Rental	GE Capital
Prof Organ	MAWD
Public Notice	ABC News
Rental Space	Blaine Office Partners
Technical Assistance	Anoka Con Dist
Web Page	Avenet LLC

Budget

Program	2006	2007	2008	2009	2010
Administration	71,749	52,988	80,225	94,549	96,933
Regulation	241,881	361,862	434,773	245,955	253,334
Maintenance	186,878	333,103	73,896	255,616	263,285
Planning	84,147	67,786	171,397	91,030	93,761
Public & Gov Relations	26,298	28,141	89,712	15,694	16,165
Research & Data Collect	75,588	86,372	107,867	38,480	39,827
	686,541	930,252	957,869	743,334	765,314

Financial Management

Assets	YE 2006			YE 2007		
	Amt	Pct	Chng	Amt	Pct	Chng
Cash & Investments	2,165,801	97%	19%	2,639,345	98%	22%
Receivables	13,885	1%	-19%	6,182	0%	-55%
Due from Other Governments	20,536			19,895		
Fixed Assets	28,323	1%	-29%	21,304	1%	-25%
Total Assets	2,228,545	100%	19%	2,686,726	100%	21%
Liabilities						
Accts Payable	767	0%	-96%	767	0%	0%
Contracts Payable	16,216	1%	-43%	16,216	1%	0%
Salaries Payable	4,129	0%	26%	4,129	0%	0%
Due to Other Governments	77,058	5%	48%	77,058	4%	0%
Deferred Revenue		0%	100%	13,435	1%	#DIV/0!
Funds Held in trust	1,449,106	94%	24%	1,727,421	94%	19%
Compensated Absences		0%	100%		0%	#DIV/0!
Total Liabilities	1,547,276	100%	18%	1,839,025	100%	19%
Fund Equity						
Investment in Gen fixed Assets	28,323	4%	-29%	21,304	3%	-25%
Fund Balances	652,946	96%	22%	826,397	97%	27%
Total Fund Equity	681,269	100%	19%	847,701	100%	24%
Total Liabilities & Fund Equity	2,228,545	100%	19%	2,686,726	100%	21%

MEANS & ASSOCIATED RESOURCES

	2005	2006	2007	2008	2009
FTEs Budgeted	.3	.3	.25	.25	.25
FTEs Actual	.6	.25	.22		
Budget	71,977		\$52,988	\$32,909	32,909

Development Regulation and Issue Management Program

PROGRAM DESCRIPTION

The Purpose of development regulation is to evaluate, permit and monitor plans and programs affecting the water and related land resources of the Watershed District in an orderly and informed fashion.

The Development Regulation and Issue Management Program consist of five activities:

1. Environmental Review, which includes comments on DNR and Corps of Engineers Permits.
2. Issues and Complaints
3. Permit Inspection and Enforcement
4. Permit Review
5. Permits

Environmental Review

Description

This activity reviews and comments on plans, permits, assessments and studies issued by Federal, state, and local units of government for the completeness, accuracy, and consistency of water resource proposals relative to District goals, objectives, and standards.

Measures	2005	2006	2007	2008	2009
Number of Environmental Reviews	5	10	3	3	3
DNR Permits	3	7	2	2	2
EAWs	Peterson Property The Rushes	Northstar Line Emily's Waters Lennes Phase II	Feela	Sports Town USA	

Issues and Complaints

Description

This activity investigates and responds to unanticipated and unplanned circumstances, events or conditions that may affect the Water and related land resources of the watershed or District operations.



2007 Issues

In 2007 the District responded to 65 issues broken down as follows:

Issues	Andover	Blaine	Columbus	Coon Rapids	Ham Lake	Total	Pct
Bank Stabilization		1				1	1%
Beaver	1			1	8	10	12%
Compliance	3	8		1	11	23	27%
Maintenance	0	4	1	2		7	8%
Easement	1				2	3	4%
Erosion	2	5		2	2	11	13%
Flooding		1		1		2	2%
Obstruction & Trees	7	1		8	6	22	26%
Other	1	1		1	2	5	6%
	15	21	1	16	31	84	100%
	23%	32%	2%	25%	37%	100%	

Other issues included concern about ditches being dry, muddy water in the Mississippi river, and general wetland questions

Permit Inspection and Enforcement

Description

This activity ensures compliance with permit requirements and the goals, objectives and rules of the District. The activity is intended to:

1. Ensure that the approved plan is implemented
2. Provide the landowner with technical assistance as needed
3. Provide a means to determine if changes to the plan are necessary
4. Observe and document deviations from the plan as they occur

2007 Enforcement Issues

	Andover	Blaine	Columbus	Coon Rapids	Ham Lake	Total	Pct
Bridges					1	1	1%
Ditch Bank					1	1	1%
Erosion & Sediment Control		3		1	3	7	8%
Excavation					1	1	1%
Wetland	3	3			4	10	12%
Water Quality		1			1	2	2%
Other		1				1	1%
	3	8	0	1	11	23	27%
	13%	35%	0%	4%	48%	100%	

Permit Review

Description

This activity involves public review of permit applications and findings relative to District standards. It involves monitoring, evaluating and permitting plans and programs affecting the water and related land resources of the District.

Agenda Items	2005	2006	2007	2008	2009
Permit Reviews	144	121	83	80	85

Permits

Description

This activity regulates land-disturbing activities affecting the quality, course, current or cross section of ditches and watercourses

Permit	2005	2006	2007	2008	2009
Certificate of No-Loss	2	0	0	1	0
Exemption	0	1	0	0	0
Permit	32	55	20	20	22
Permit Renewal/Extension	0	0	1	1	0

MEANS & ASSOCIATED RESOURCES

	2005	2006	2007	2008	2009
FTEs Budgeted	1.5	1.5	2.0	1.35	1.39
FTEs Actual	2.1	2.3	1.25		
Budget	79,993	81,851	\$47,495	52,695	55,887



Verifying soil descriptions, Blaine, 2007

Operations and Maintenance Program

PROGRAM DESCRIPTION

The purpose of the Operations and Maintenance program is the planning, design, construction and maintenance of the District ditch system and water control structures and to preserve the location, character and extent of the District ditch and conveyance system.

Program consists of the following activities:

1. Construction
2. Repair
3. Routine Maintenance

Construction

Description

This activity includes the new construction of drainage facilities or the increase in capacity of existing systems. The Coon Creek Watershed District may fund Creek and ditch bank stabilization through a process involving inspection, diagnosis of cause, and design of a stabilization method which gives preference to bioengineering, a determination of problem significance, and contracting work.



Kar bank stabilization project, Coon Rapids

Measures	2005	2006	2007	2008	2009
Number of	2		6	6	6
Bank Stabilization	D-58 control structures Coon Rapids bank stabilization		Kar Munson Andover BNRR Prairie Rd S Coon Ck Dr		
Means					
FTEs Actual	.10	.0	.12	.12	.13
Budget	\$5,995	\$0	\$6,666	\$7,072	\$7,504

Repair

Description

Activity involves restorative construction work typically involving forestry practices and or heavy excavating equipment. The intent of the activity is to restore all or a part of a drainage system as nearly as practicable to the same condition as originally constructed and subsequently improved.

Measures	2005	2006	2007	2008	2009
Number of	6	4	1	1	1
Projects	Ditch 39 Ditch 58-6 Ditch 59 Ditch 59-4 Ditch 60	Ditch 11 Ditch 44 Ditch 44-7 Ditch 57 Tree Removal	Ditch 44		
Means					
FTEs Actual	.08	.06	.02	.02	.02
Budget	\$5,235	\$4,800	\$1,237	\$1,313	\$1,393

Routine Repair

Description

This activity addresses to ensure the flow of water in a manner that does not create threats to the public health, safety or welfare.

Program activities include the following:

Measures	2005	2006	2007	2008	2009
Number of					
Beaver		50	18	19	19
Obstructions		27	7	7	7
Trees		38	22	23	23
Projects	1	3	2	2	2
Project Names	Survey Ditch 23	Ditch 57 Lower Coon Creek Storm clean up	Tree removal Ditch 39		
Means					
FTEs Actual		.12	.06	.06	.06
Budget		\$7,666	\$4,094	\$4,344	\$4,608



Spring 2007, Winter Willow remains, Coon Creek, Andover

Planning, Programming and Budgeting Program

PROGRAM DESCRIPTION

The purpose of the program is to coordinate the planning, prioritizing, and financing of District programs and activities

The planning program consists following activities:

1. Annual Assessment, Reporting and Planning
2. Budgeting and Program Planning
3. Comprehensive Planning
4. Policy and Procedures

Annual Assessment, Reporting and Planning

This activity presents basic statistics on the accomplishments and/or progress of District operations and activities in pursuing and achieving goals. It serves as the basis for accountability through quarterly objectives and through financial and program goals. Overall the activity provides context for understanding the physical, social and managerial trends and concerns affecting the District that may not have been anticipated in the Comprehensive plan and the basis for accountability.

Specific tasks under this activity involve preparation of an annual report and work plan for implementing the District Comprehensive Plan approved by the BWSR and the District Storm Water Pollution Prevention Plan (SWPPP) approved by the MPCA

Measures	2005	2006	2007	2008	2009
Number of					
Annual Report & Plan Filed	Yes	Yes	Yes	Yes	Yes
Acres Protected	0	0	120	0	0

Budgeting and Program Planning

Description

The budget process and resulting budget, describes the programs and projects the public will fund in pursuing the District's mission

The budget process involves 11 steps detailed in District policy which begin with adoption of a budget calendar, involves a review of District strengths and weaknesses and operating environment, a tour of past and potential projects, public review and ends with a public hearing and adoption of the succeeding year's budget in September.

Measures	2005	2006	2007	2008	2009
Number of					
Budget goals and themes	Yes	Yes	Yes	Yes	Yes
Adoption of the budget	Yes	Yes	Yes	Yes	Yes
Number of project initiation reports prepared		1	3	1	1
Means					
FTEs Actual		.15	.27	.28	.28
Budget		\$8,775	\$13,693	\$14,527	\$15,412

Comprehensive Planning

Description

The Comprehensive plan takes its direction from Minnesota law and District Mission Statement. It is the guiding document for program and capital facilities management and provides context and purpose to near-term choices and assesses the future consequences of those choices.

Tasks under this activity involve maintaining and updating the District Comprehensive Plan required under the Watershed Act (103D) and the Metropolitan Water Management Act (103B) and the District Storm Water Pollution Prevention Plan (SWPPP) which serves as the District NPDES permit under the Federal Clean Water Act

Measures	2005	2006	2007	2008	2009
Number of					
Comprehensive Plan Amendments	* Boundary Amendment CCWD x RCWD in Ham Lake		* Boundary Amendment CCWD x URRWMO * Boundary Amendment CCWD x RCWD		
Number of Local Water Plans/SWPPPs reviewed	1 Andover	1	3 Andover Nondeg Plan Blaine Nondeg Plan Coon Rapids Nondeg Plan	1 Ham Lake	5
Storm Water Pollution Prevention Plan Updates		X	X		
Water Quality Assessment			X		
Crooked Lake Comprehensive Plan				X	
Means					
FTEs Actual		.52	.94	.73	.75
Budget		\$2,683	\$2,767	\$2,935	\$3,115



2007 Water Quality Assessment Advisory Committee

Policy and Procedures

Description

The policy and procedures manual is intended to provide guidance, continuity and consistency in District operations and activities. The manual is the principal source of specialized guidance and instruction for carrying out the direction issued in the program handbook. The manual may include significant procedural direction.

The program manual provides guidance, continuity and consistency in District operations and activities. It contains the legal authorities, objectives, policies, responsibilities, instructions and guidance needed on a continuing basis by District staff to plan and implement assigned programs and activities

Measures	2005	2006	2007	2008	2009
Number of					
Policy & Procedure Manual	4	4	4	1	1

Measures	2005	2006	2007	2008	2009
Policy Adoptions/Reviews	* Ham Lake Private Ditches * NPDES Nondegradation Rules * Andover Local Water Plan * Ham Lake Water Management Plan	* Fixed Asset Policy * Electronic Signatures/ Purchasing Policy * Fees & Escrows Policy * Intro Draft Rules	* Resolution Opposing Certain Proposed Amendments to the WCA * Demonstration Grant Policy & Procedure * Water Education Grant Policy & Procedure * Draft Rules		
Means					
FTEs Actual		.22	.34	.36	.36
Budget		\$2,175	\$2,243	\$2,380	\$2,525

Public and Government Relations Program

PROGRAM DESCRIPTION

The purpose of the public and governmental relation program is to ensure that the continuing planning and management of the Coon Creek watershed is responsive to the needs and concerns of an informed public and to coordinate policies and programs of the local, state and federal government agencies to achieve consistency with the plan.

The program consists of three activities to carry out the District's policies. The components are:

1. Education
2. Information
3. Involvement

In practice, overlap will occur among these three components; all information is educational in nature, and education requires involvement.

Education

Description

Greater public awareness of watershed water resources; the appropriate use of water resources; and the issues and conflicts that arise when managing those resources are major needs of the District. Increasing awareness is the first step in enhancing the public's commitment to sound natural resource management. The District also makes several presentations each year to high school students and civic organizations. These presentations focus on the establishment of the District, its purposes and policies, and the issues facing the watershed. The response from these groups has been more positive since the discussion was redirected from a scientific evaluation of District issues to a more policy-oriented approach.

The District's education activities involve:

Task
Conferences and Workshops
General Education
HS Presentations
Storm Water Ed Materials
Water Quality Education Grants



2007 Reviewing stormwater pond issues with neighborhood group, TPC, Blaine

Measures	2005	2006	2007	2008	2009
Number of Conferences		3	5	5	5
Total public education efforts	20	24	84	87	89
Number of presentations	1	2	2	2	2
Number of materials/events		20	20	21	22
Number grants		1	1	3	5
Means					
FTEs Actual		.27	.50	.51	.52
Budget		\$ 10,210.20	\$ 19,211.89	\$ 20,310.37	\$ 21,473.61

Information

Description

Public information is essential in any public capital or regulatory program. It is also a prerequisite to both public education and public involvement. To be able to participate and to sense when that participation will be most effective, individuals must first know the issues and the decisions to be made.

Task
Articles- City News Letters
Demonstration Projects
Developer's Handbook: Principles and Standards
Low Impact Development
Model Ordinance Principles/Standards
Pre-application Conference
Representation at Special Events
Watershed District Rules and Standards
Web Site

Means

Measures	2005	2006	2007	2008	2009
Number of articles	0	11	17	18	18
Number of demonstration projects	0	0	0	1	3
Development of Application Handbook	0	0	0	1	1
Number of Drainage Sensitive developments reviewed	25	24	17	18	18
Number of Ordinances adopted	1	1	1	1	1
Number of pre-application conferences	43	41	27	28	29
Number of presentations	5	9	13	13	14

Watershed District Rules and Standards				Yes	
Web Site developed		Yes	Yes	Yes	Yes
Means					
FTEs Actual		.77	.35	.42	.43
Budget		\$33,694	\$16,050	\$21,650	\$22,986

Involvement

Description

The purpose of this activity is to provide for active involvement of the public and related units of government in developing and implementing water management plans and activities

Task
Advisory Committees
Agenda Distribution
Annual Open House Meeting
Citizen Assisted Monitoring Program (CAMP)
Comprehensive Plan Development
Coordination with Local and County Government
Creek Clean up-Adopt-A-Stream Programs
Hearings
Issue Management Hotline
Lakeshore Homeowners Associations
Local Water Plan Review and Approval
Open Mike
Plan & Permit Coordination
Post-Construction Pond Inspection
Regular Meetings
Stakeholder Meeting

Means

Measures	2005	2006	2007	2008	2009
Number of TAC meetings	6	6	6	6	6
Number on agenda distribution list		41	43	48	48
Completed meeting and attendance	Yes	Yes	Yes	Yes	Yes
Number of CAMP participants	1	1	1	1	1
Number of Planning Workshops/Reviews		1	4	4	4
Number of TAC and TEP meetings		23	13	13	14
Creek Clean Occurrence		Yes	Yes	Yes	Yes
Number of Hearings		2	3	3	3
Number of issues on Hot Line		83	77	79	82
Number of contacts with Lake Association		6	12	20	20
Number of Local Plans reviewed	1 Andover	1	3 * Andover Nondeg Plan * Blaine Nondeg Plan * Coon Rapids Nondeg Plan	1 * Ham Lake	5
Number of open mike presentations		2	0	0	0
Number of TAC and TEP meetings		18	14	14	15
Number of Board Meeting per year	24	23	19	21	23
Number of Meetings		13	13	13	14
Means					
FTEs Actual		.45	.44	.47	.48
Budget		\$35,261	\$34,178	\$37,699	\$40,740



Coon Creek Clean-up with Andover Lamplighters 4-H

Research, Monitoring and Data Collection Program

PROGRAM DESCRIPTION

The purpose of the research and data collection program is to gather and analyze data that will result in increased efficiency and effectiveness of District programs

The research, monitoring and data collection program provides integrated resource information used in planning, evaluating and decision making within the Coon Creek Watershed District.

Program activities include:

1. Inspections
2. Modeling
3. Monitoring

District planning, regulatory and project decision-making depends upon scientifically credible and accurate resource information. This data allows resource managers to make scientifically based management decisions. These are all essential to effective resource management.

Annual Inspections

Description

The purpose of the annual inspections is to assess the general condition of the entire drainage system for identification of maintenance needs. Inspections involve a windshield inspection of the District public drainage system and involve inspection at road crossings, photographing ditch channel and comparison to established performance standards based on ditch functional classification.

Measure / Outcome

Task	Measure / Outcome
Ditch Inspection	Ditch Inspection of 20 % of the system

Measures	2005	2006	2007	2008	2009
Inspect 20 % of the system	Ditch 41 Ditch 37	Ditch 44 Ditch 11 Ditch 54	Ditch 60 Ditch 57	Ditch 58 Ditch 20	Ditch 59 Ditch 39
Feet Inspected	65,732	65,100	68,707	61,393	61,500
Miles Inspected	12.4	12.3	13.0	11.6	11.6

Modeling

Description

This activity models the hydrology of surface water flows within the watershed to provide an accurate simulation of District hydrology and water quality for assessing and determining management needs and actions. The activity also involves assessing the overall hydrology of the Watershed to gain insight into factors affecting surficial ground water levels and the amount of water lost to potential evapotranspiration (PET).

Measure / Outcome

Task	Measure / Outcome
HydroCAD	Updated model
P8 Water Quality Model	Updated model
Water Budget	Updated model

Measures	2005	2006	2007	2008	2009
Updated model					
XP-SWMM				X	
P8			X		
Water Budget					X

Monitoring

Description

The purpose of this activity is to monitor and track various qualitative and quantitative aspects of watershed hydrology to calibrate models, assess for signs of potential impairment of water resources.

Measure / Outcome

Task	Measure / Outcome
Infiltration Rate	Final Report
Lake Level	Annual Water Atlas
Lake Water Quality	Annual Water Atlas
Lower Coon Creek Water Quality	Annual Water Atlas
Precipitation	Annual Water Atlas
Stream Level	Annual Water Atlas
Wetland Hydrology	Annual Water Atlas

Measures	2005	2006	2007	2008	2009
Infiltration Monitoring		X	X	X	X
Innovative Infiltration BMP Study				X	X
Lake Level Monitoring	X	X	X	X	X
Lake Water Quality	X	X	X	X	X
Precip Monitoring	X	X	X	X	X
Rain Garden Performance Study				X	
Stream Biomonitoring	X	X	X		
Impaired Water Study				X	X
Stream Monitoring	X	X	X	X	X
Stream Water Quality Monitoring	X	X	X	X	X
Tree Planting BMP				X	
Wetland Hydrology	X	X	X	X	X