Martin County Water Plan Implementation Plan

Implementation Schedule For Priority Concerns & Ongoing Activities

[Shaded Objectives are Ongoing]

2006 to 2016

Years

	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Impaired Waters and Total Maximum Daily Loads [TMDL]													Annually	1st is the Lead
Goal 1: Improve TMDL Listed waters so they can be delisted.														
Obj. 1 Education to residents about impaired waters and TMDL's	High													
A. Develop educational materials related to impaired waters													$2,000	WP, SWCD
B. Integrate these issues into other outreach efforts													$1,000	WP, SWCD
C. Collaborate on monitoring, assessment, implementation efforts													$3,000	WP, SWCD
D. Strategize to address the impaired waters for delisting													$3,000	WP, SWCD
E. Support legislation for additional clean water funding	Ongoing												$100	WP, SWCD
F. Work with the PCA to have improved waters delisted													$2,000	WP, SWCD
Obj. 2 Identify TMDL listed waters and prioritize them	High													
A. Monitor selected watersheds for water quality contaminants													$5,000	WP, SWCD
B. Involve interested parties in the process													$500	WP, SWCD
C. Secure incentives in making required changes													$30,000	WP, SWCD
D. Monitor efforts on Dutch Creek, Elm Creek, and Center Creek	Ongoing												$25,000	WP, SWCD
Obj. 3 ID temporary water storage areas	High													
A. Educate landowners on problems caused by accelerated water movement													$100	WP, SWCD, E
B. Establish demonstration areas showing hydrograph of the stream													$500	WP, SWCD, E
C. Secure incentive money for water storage													$1,500	WP
D. Retain the integrity of agricultural drainage in the design													$100	WP, SWCD, E
E. Provide technical assistance to landowners annually													$2,000	SWCD, WP

Obj. 4 Recognize open drainage ditches as part of the hydrologic system	Medium												
A. Educate residents as to the impact surface water in open drainage ditches has on downstream water quality.	Ongoing											$100	WP
B. Identify pro's and con's of having these waters listed as protected waters.												$100	WP, Z
C. Show potential impacts in a demonstration site.												$300	SWCD, Z, WP
D. Adapt across the county as a local ordinance.												$200	Z
Obj. 5 Encourage the development of source water protection plan for Fairmont	Medium												
A. Develop a Source Water protection plan by 2011												$500	Fairmont, WP
B. Educate landowners on impacts of actions on drinking water												$100	WP, SWCD
C. ID potential water quality problems in watershed												$100	WP, SWCD
D. Work with landowners to mitigate the problem												$2,000	SWCD, WP
Obj. 6 Disconnect septic systems connected to tile line	High												
A. Enforce the Minnesota Rules 7080	Ongoing											$2,000	Z
B. Education on health from septic systems hooked to tile lines	Ongoing											$100	Z, WP
C. If septic system is hooked to tile line-disconnect	Ongoing											$500	Z
D. Contractors held accountable for connection												$500	Z
Obj. 7 Prevent open tile intakes from being a path entering surface water	Medium												
A. Education on impact to water quality from open tile intakes	Ongoing											$100	SWCD, WP, E
B. Educate on vaible, cost-effective alternatives	Ongoing											$100	SWCD, WP, E
C. Encourage use of veg. Buffers to filter sediment, nutrients, chem.	Ongoing											$100	SWCD, WP, E
D. Provide incentives to remove unnecessary tile intakes	Ongoing											$3,000	WP, SWCD
E. Secure financial incentives, cost share, to encourage buffers												$5,000	SWCD, WP, E
F. Demonstration areas to show benefits to water quality	Ongoing											$1,000	WP, SWCD

Total Anticipated Annual Implementation Cost for Impaired Waters $91,600

		Years												
	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Drainage System Management													Annually	1st is the Lead
Goal 1: Management of drainage systems														
Obj. 1 Fund and staff the Martin County Ditch Administration office	High													
A. Provide administation to drainage projects	Ongoing												$40,000	CC, DA
B. Assist the Ditch Authorities on drainage activities	Ongoing												$10,000	DA, CC
C. SWCD Provide Technical Assistance	Ongoing												$5,000	SWCD
Obj. 2 Encourage use of qualified contractor to install/fix drainage	Medium													
A. Education regarding impact from poor/improper construction													$100	SWCD, WP, DA, E
B. Ensure all regulations are followed													$500	CC, DA, SWCD, WP
C. Encourage use of NRCS standards for ditch installation													$1,000	SWCD, WP, DA, E
D. Encourage adoption of new drainage technologies													$500	SWCD, WP, DA, E
Obj. 3 Encourage owners to have a veg. Strip along all open ditches	High													
A. Education on the benefits to water quality, wildlife, life, & safety	Ongoing												$100	WP, SWCD
B. Provide info twice/year on buffer designs													$200	SWCD, WP
C. Encourage use of native grass species with extensive root system													$100	SWCD, WP, E
D. Increase buffers along open drainage ditches by 10 miles per yr.													$5,000	SWCD, DA, WP, E
E. Allow Conserving Acres program to apply veg. Strips													$3,000	SWCD, DA, WP, E
F. Encourage species that will reduce the amount of sediment by wind													$100	SWCD, DA, WP, E
G. Require one rod veg. Strip on all open ditches that are new, improved													$500	CC, DA, SWCD
H. Ditch authorities enforce regulatiojn in their area													$200	CC, DA, SWCD
Obj. 4 Enhancement of and sharing Martin County's drainage plan	High													
A. Participate in three info sharing events per year													$300	WP, SWCD, DA, E
B. Be progressive at re-determining benefits	Ongoing												$2,000	CC, DA
C. Promote the establishment of veg. Buffers along open ditch channels	Ongoing												$1,000	SWCD, CC, WP, DA
D. Demo innovative drainage concepts: controlled drainage site													$2,000	SWCD, WP, DA

E. Demo water storage concepts													$2,000	WP, SWCD, DA, E
F. Consider opportunites for innovative solutions													$3,000	WP, SWCD, DA, E
Obj. 5 Develop demo site to illustrate water storage principles	Medium													
A. ID possible systems to study													$100	WP, SWCD, DA
B. Involve the landowers													$300	WP, SWCD, DA
C. Secure funding													$3,000	WP
D. Exmaine watershed for potential sites for water storage or restoration													$200	WP, SWCD, DA

Total Annual Implementation Cost for Drainage System Management $80,200

		Years												
	Priority	6	7	8	9	#	#	#	13	14	15	16	$ Needed	By Who?
Promote the Use of Best Management Practices													Annually	1st is the lead
Goal 1: At least 95% of landowners are practicing BMP's														
Obj. 1 Preserve surface water quality by reducing soil erosion	High													
A. Encourage ag producers to utilize a cropping system that promotes healthy soils and produce [grain].													$500	WP, SWCD, E
B. Promote using 3-5 crop rotation													$100	WP, SWCD, E
C. Areas with slopes >6% should consider perennials													$300	SWCD, WP, E
D. Promote the use of agricultural and urban BMP's	Ongoing												$500	WP, SWCD, E
E. Promote as 'working lands'													$100	WP, SWCD, E
Obj. 2 Achieve voluntary adoption of conservation on 100% of environmentally	High													
sensitive acres in the county.														
A. Determine environmentally sensitive areas and apply precision conservation.													$5,000	SWCD, WP, E
Obj. 3 Use conservation BMP's on 95% of the landscape.	Medium													
A. Quarterly education on soil health.													$100	SWCD, WP, E
B. Establish demonstration site on residue coverages.													$150	SWCD, WP, E
C. Provide financial incentives through Ag BMP loans.	Ongoing												$50,000	SWCD
Obj. 4 Use vegetative buffers in the riparian area.	High													
A. Provide education on the benefits of buffers.	Ongoing												$100	SWCD, WP
B. Establish a buffer demonstration site.	Ongoing												$300	SWCD
C. Provide financial incentives for buffers.	Ongoing												$5,000	SWCD
D. Provide equipment for landowners to rent for establishing buffers.	Ongoing												$2,000	SWCD, WP
E. Promote use of a cultipacker to firm the seedbed on plantings.													$1,000	SWCD, WP
F. Encourage use of local ecotype native species.	Ongoing												$100	SWCD, WP
G. Promote the Martin SWCD Seeding Proggram.	Ongoing												$100	SWCD
H. Promote streambank stabilization projects like the Elm Creek site.	Ongoing												$150	SWCD, WP
Obj. 5 Encourage shelter belts, living snowfences & field windbreaks.	Medium													
A. Provide education on the benefits to water quality.	Ongoing												$100	SWCD, WP
B. Provide financial incentives to establish.	Ongoing												$3,000	SWCD, WP

C. Encourage landowners to enroll critical areas in long term programs.	Ongoing												$100	SWCD, WP
D. Maintain demonstration areas showing innovative methods.	Ongoing												$1,500	SWCD, WP
E. When removing a grove, re-establish within one year.													$100	SWCD
F. Promote wildlife habitat using local ecotype native species.	Ongoing												$500	SWCD, WP, E
G. Coordinate Living snowfence establishment with DOT & Hwy Dept.	Ongoing												$1,000	SWCD
Obj. 6 Expand the Conserving Acres program to include buffers.	Low													
A. Define the additional practices by 2008.													$500	SWCD, WP
B. Define minimum and maximum width eligible.													$100	SWCD, WP
C. Estimate potential number of acres.													$100	SWCD, WP
D. Discuss potential tax impacts with the assessor.													$100	SWCD, WP
E. County Board adopts new policy.													$500	SWCD, WP
Obj. 7 Provide technical assistance to landowners.	High													
A. Provide conservation planning, layout & design assistance.	Ongoing												$20,000	SWCD
B. Assist NRCS with the conservation provisions of the farm bill.	Ongoing												$20,000	SWCD
Obj. 8 Provide financial assistance to landowners wanting to do conservation.	High													
A. Offer and participate in a variety of conservation programs.	Ongoing												$50,000	SWCD, WP
Obj.9 Retain 75% of land in expiring CRP or RIM contracts in perennials.	High													
A. Promote re-enrollment for CRP.													$1,000	SWCD
B. Promote using as working lands or third crops.													$1,000	SWCD, WP, E
Obj. 10 Develop a program to promote, preserve and protect natives.	High													
A. Involve residents, agencies, others.													$250	SWCD, WP
B. Priority is to preserve and protect.													$2,000	SWCD, WP
C. Enhance special concern, threatened or endangered species.													$500	SWCD, WP
Obj. 11 Educate landowners on lakeshore BMP's.	High													
A. Hold annual informational meetings.													$200	WP, SWCD, Z, E
B. Host annual tour of rain gardens or lakeshore BMP's.													$1,000	WP, SWCD, E
C. Establish demonstration site of shoreland protection practices.													$500	WP, SWCD, E
D. Provide technical assistance to landowners.	Ongoing												$3,000	SWCD, WP
E. Provide incentives to protect most critical areas.													$5,000	SWCD, WP, Z

F. Suport priority shoreline efforts with multiple homeowners.													$2,000	SWCD, WP, Z, E
G. Educate on riparian vegetation management.	Ongoing												$500	SWCD, WP, Z, E
Obj. 12 Provide educational programming on environmental topics.	Medium													
A. Hold annual educational meetings.	Ongoing												$1,000	WP, SWCD, E
B. Write news releases at least ten times per year.	Ongoing												$100	WP, SWCD, E
C. Continue the *Conservation Update*.	Ongoing												$2,000	SWCD
D. Host of tour of area conservation practices.													$1,500	SWCD, WP, E
E. Continue the weekly radio show promoting conservation efforts.	Ongoing												$500	SWCD
F. Participate in youth programming in the county.	Ongoing												$1,000	SWCD, WP, E
Goal 2. Prevent degradation from pesticides and fertilizers.	Medium													
Obj. 1 Ensure proper storage and handling.													$100	WP, SW
A. Provide annual education to landowners.	Ongoing												$100	WP, SW
B. Ensure proper licensure.	Ongoing												$100	WP, E
C. Demonstrate calibration, application and storage.	Ongoing												$1,000	WP, E
Obj. 2 Ensure proper disposal of pesticide containers.	Low													
A. Provide education annually.	Ongoing												$100	SW, WP
B. Hold an annual container collection.	Ongoing												$500	SW, WP
Obj. 3 Ensure waste pesticide is disposed of properly.	Low													
A. Provide education annually.	Ongoing												$100	SW, WP
B. Hold Household Hazardous Waste Collection regularly.	Ongoing												$10,000	SW
C. Cooperate with MDA to collect waste pesticide.	Ongoing												$1,000	SW
Goal 3 Prevent degradation of water resources from feedlots and manure.														
Obj. 1 Continue to ensure all feedlots are properly permitted.	High													
A. Identify non permitted feedlots.	Ongoing												$100	Z, F
B. Provide education on feedlot permit requirements.	Ongoing												$300	Z, F
C. Provide assistance to farmers needing feedlot permits.	Ongoing												$1,000	Z
D. Assist producers to get into compliance with the feedlot rules.	Ongoing												$1,000	Z
E. If landowner does not voluntarily comply, then prosecute.	Ongoing												$500	Z
F. Conduct periodic inspections on a five year rotation.	Ongoing												$30,000	F, Z
G. All permits must be in compliance to get additional permits.													$300	Z

Obj. 2 Enforce MN Rules Chapter 7020. [Feedlot Rules]	High													
A. Employ adequate staff.	Ongoing												$40,000	F, Z
B. Work with landowners to resolve feedlot pollution issues.	Ongoing												$5,000	SWCD, WP, E
Obj. 3 Provide education on manure handling and storage.	Medium													
A. Cooperate with local commodity organizations on education efforts.	Ongoing												$100	WP, Z, E
B. Support the Pork Producers Environmental Assurance Program.	Ongoing												$100	WP, E, SWCD
C. Conduct a Demonstration or Field Day of BMP's.													$500	WP, SWCD, E
D. Provide education programing on manure handling, application & mgmt.													$500	Z, E, WP
Obj. 4 Ensure manure is properly stored, handled and/or applied.	High													
A Provide education on potential water quality impacts.	Ongoing												$100	WP, E, Z, SWCD
B. Provide technical assistance on proper management techniques.	Ongoing												$1,000	SWCD, F, Z, WP, E
C. Inspect each feedlot prior to permiting.	Ongoing												$3,000	F, Z
D. Encourage one year manure storage capacities.	Ongoing												$100	Z, F, E, SWCD, WP
E. Teach calibration of manure applicators every five years.													$200	WP, F, Z, E, SWCD
F. Provide education on soil health considerations with manure application.													$100	WP, SWCD, E
Obj. 5 Provide technical and financial assitance to landowners.	High													
A. Provide ongoing technical resources to feedlot efforts.	Ongoing												$3,000	SWCD
B. Seek funds for cost share assistance.	Ongoing												$100,000	SWCD, WP, F, Z
C. Assit with USDA program opportunities.	Ongoing												$3,000	SWCD
Obj. 6 Explore alternative uses and technologies for manure.	Low													
A. Research other potential uses.													$100	WP, E
B. Encourage farmers to explore opportunities where they cannot utilize all.													$100	WP, E
C. Possible uses are a methane or biodigester.													$100	WP, F, E
D. Assist with applying for funds to develop new technologies.													$100	WP, SWCD, F, E
E. Disseminate information gained to area producers.													$100	WP, E, SWCD, F, Z
Obj. 7 Explore impacts from basing fertilizer rec's on P rather than N.	High													
A. Provide information on P impacts to water quality.	Ongoing												$100	WP, F
B. Explore alternatives for land with High or Very High P levels.													$100	WP, E
C. Provide education on proper P management.	Ongoing												$100	WP, E

D. Promote utilizing extended cropping systems to better manage P.													$100	WP, E
Obj. 8 Ensure proper abandonment of unused manure pits.	Low													
A. Identify manure storage areas no longer in use.													$25	F,SWCD,Z, WP
B. Provide education on proper abandonment techniques.													$100	F, Z, E, SWCD, WP
C. Alert producers of potential cost sharing through NRCS.													$100	SWCD, F, Z, WP,
Goal 4 Bring all septic systems into compliance.														
Obj. 1 Implement the County's goal of bringing all systems into compliance.	High													
A. Develop a strategy.													$100	Z
B. County Septic official is the Lead.													$1,000	Z
C. Plan should be feasible based on number of contractors and county staff.													$1,000	Z
D. Continue to require compliance at the time of property transfer.													$25	Z
Obj. 2 Provide education on septic system maintenance.	High													
A. Provide homeowner education on proper maintenance.													$100	Z, WP, E
B. Engage contractors in course design and delivery.													$100	Z, WP, E
Obj. 3 Inform residents out of compliance that they are.	High													
A. Inform landowners of compliance deadlines.													$100	Z
B. Inform landowners of compliance due dates.													$100	Z
C. Track and follow who needs to come into compliance.													$100	Z
Obj. 4 Educate landowners of health and water quality risks of septics.	Medium													
A. Discuss risks of non-complying septic systems.	Ongoing												$500	Z, E
B. Clarify a system that works and a properly working system.	Ongoing												$500	Z, E
C. continue to have contractors licensed by the state.	Ongoing												$100	Z
Obj. 5 Provide loan assistance to county residents.	High													
A. Continue to pursue septic funding assistance.	Ongoing												$100	WP, Z
B. Identify critical areas, develop projects and secure funding.	Ongoing												$2,000	Z, WP
C. Support legislation to provide cost share assistance.	Ongoing												$25	WP
D. Continue the Septic Loan Program, CWP and Ag BMP loan programs.	Ongoing												$100,000	Z, WP

Obj. 6 Ensure sludge disposal follows PCA guidelines.	Low														
A. Follow PCA guidance with application.	Ongoing													$10	WP
B. Request PCA to monitor sludge applied fields.	Ongoing													$10	WP
Total Anticipated Annual Implementation Cost for BMP's														$496,045	

		Years												
	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Wetland Protection and Restoration													Annually	1st is the Lead
Goal 1: Protect existing and support restoration of wetlands.														
Obj. 1 Provide education on wetland function and value.	Medium													
A. Develop programing on wetland benefits and cost share assistance.													$100	WCA, SWCD, WP
B. Utilize multiple media methods for delivery.													$100	WCA, SWCD, WP
C. Conduct one on one site visits of good restoration site examples.													$2,000	WCA, SWCD, WP
D. Conduct a tour of good restoration efforts in the county.													$500	WCA, SWCD, WP
Obj. 2 Designate high priority wetand areas in the county.	High													
A. All of the county has lost over 50% of it's wetlands.													$50	WCA, SWCD, WP
B. Designate two zones: shoreland zone and upland zone.													$50	WCA, SWCD, WP
C. Identify potential restoration sites.													$1,000	WCA, SWCD, WP
D. Restore at least thirty acres annually of wetlands.													$150,000	SWCD, WCA, WP
Obj. 3 Provide incentive packages for restoration.	High													
A. Support state and federal opportunities.	Ongoing												$4,000	SWCD, WCA
B. Provide education on financial assistance availability.	Ongoing												$100	SWCD, WCA, WP
C. Collaborate with other agencies doing similar work.	Ongoing												$2,000	WCA, SWCD
D. Promote wetland banking.													$100	WCA, SWCD, WP
E. Support additional funding for wetland restoration.	Ongoing												$1,000	WCA, SWCD, WP

Obj. 4 Provide technical assistance to partners for wetland restoration.	High												$10,000	SWCD
A. Continue to have SWCD staff attend delineation training.	Ongoing												$1,000	WCA, SWCD
B. Provide technical assistance for wetland impacts in the county.	Ongoing												$5,000	WCA, SWCD
C. Martin SWCD is the lead county agency for any wetland activity.	Ongoing												$5,000	SWCD, WCA
Total Anticipated Annual Implementation Cost for Wetland Protection													$182,000	

		Years												
	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Water Quality in Area Lakes													Annually	1st is Lead
Goal 1: Improve water quality in Martin County Lakes.														
Obj. 1 Develop a "keep the raindrop where it falls" mindset.	High													
A. Develop and deliver methods and practices that build soil health.													$1,000	SWCD, WP
Obj. 2 All communities follow the new stormwater policies.	High													
A. Staff attend training on stormwater rules.													$500	SWCD, Z, WP
B. Disseminate information to the community.													$100	Z, WP, SWCD
Obj. 3 Support DNR water appropriation process.	Medium													
A. Refer residents to the DNR when pumping surface water.													$25	SWCD, WP, Z
B. Report problems identified with withdrawls.													$25	SWCD, WP, Z
Obj. 4 Assist DNR with the implementing their programs as requested.	Medium													
A. Examine sites and offer comments on DNR water permits.	Ongoing												$2,000	SWCD
B. Continue to cooperate with the Observation well monitoring program.	Ongoing												$2,000	SWCD
Obj. 5 Coordinate the Precipitation Monitoring Network.	Low													
A. Maintain at least 25 raingauge monitors in the county.	Ongoing												$100	WP, SWCD
B. Compile monthly reports and submit to the State Climatologist office.	Ongoing												$600	SWCD

Obj. 6 Engage citizen water quality monitoring programs.															
A. Increase awareness and encourage voluntary participation.															
Total Anticipated Annual Implementation Cost for Water Quality In															
Area Lakes													$6,350		

		Years												
	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Promote Low Impact Development													Annually	1st is the lead
Goal 1: Develop LID policies and get them into city and county ordinances.														
Obj. A. Integrate LID into plans by 2010.														Z, WP, SWCD
A. Integrate into local ordinances**.**														Z
B. Establish no Impact Zones														Z, SWCD
Goal 1: Develop Demostration Areas of Low Impact Development														
Obj. 1 Increase the knowledge of Low Impact Development	High													Z, WP, SWCD
A. Staff attend training opportunities.													$3,500	Z, WP, SWCD
B. Provide education to residents, contractors, Eng., other county & city staff.													$1,000	Z
C. Establish three demonstration sites.													$300	SWCD, WP, Z
D. Develop polices and adopt in local ordinances.													$100	Z
E. Restrict development on bluffs, slopes and keep shoreland veg. intact.													$200	Z
F. Develop a permit for any tree removal within 200 feet of surface water.													$1,000	Z, WP
G. Maintain the existing wetland riparian zones.													$200	Z, SWCD, WP
H. Establish vegetative plantings in the riparian area.													$1,000	SWCD, WP, Z
Obj. 2 Ensure development around surface water is sustainable.	High													
A. Ensure compliance with County zoning ordinances.													$100	Z
B. Implement the Shoreland Ordinance and Septic Compliance.	Ongoing												$100	Z
C. Establish three demonstrations of shoreland BMP's.													$300	SWCD, WP, Z
D. Provide technical assistance to landowners.	Ongoing												$300	SWCD, Z
E. Provide potential solutions to landowner landscape concerns.													$100	SWCD, Z, WP
Goal 2: Provide opportunity for demolition landfill in the county.	Low													
Obj. 1 Encourage private industry to develop a demolition landfill.													$50	SW
A. Educate contractors on permit requirements.													$50	SW

B. Identify potential sites using GIS.													$25	SWCD, SW
C. support private industry to develop a site.													$25	SW
D. Recycle demolition materials when possible.													$1,000	SW
Total Anticipated annual Implementation Cost for LID													$9,350	

		Years												
	Priority	6	7	8	9	10	11	12	13	14	15	16	$ Needed	By Who?
Groundwater													Annually	1st Listed is Lead
Goal 1: Ensure and adequate and safe groundwater supply.														
Obj. 1: Support rural water systems in the northwest part of the county.	Low												$ 100.00	WP
A. Provide education on rural water systems.	Ongoing													
B. Support alternative methods for residents not in the NW corner of county.														
C. When feasible, support rural water for the NW part of the county.	Ongoing													
D. Provide technical assistance to develop a county rural water system.														
Obj. 2: Support private industry development by supplying information	Low												$ 100.00	WP
A. Provide information resources county has available.	Ongoing													
B. Consider the cumulative impacts on water quality and quantity.														
Goal 2: Protect groundwater from degradation.														
Obj. 1: ensure wells are built to state code.	High												$ 1,000.00	WP
A. Educate residents on the well code and it's protections.	Ongoing													
B. Educate landowners on potential contamination sources.	Ongoing													
Obj 2: Assist Municipalities with preparation of wellhead protection plans.	Low												$ 100.00	WP
A. Provide technical assistance.	Ongoing													
B. Supply GIS information as requested.	Ongoing													
C. Provide information from the county inventory of wells.	Ongoing													
D. Target wellhead protection areas for CRP.	Ongoing													
E. Assist the City of Fairmont with developing a protection plan for Budd Lake.	Ongoing													
Obj. 3: Continue to collect inventory information on wells in the county.	Low												$ 100.00	WP
A. Maintain and update the county well inventory.	Ongoing													
B. Where well data is limited, expand effort to collect data.														
Obj. 4 Identify poorly constructed wells and bring to code.	Medium												$ 1,000.00	WP

A. Educate residents on the impact of poorly constructed wells.														
B. Utilize the well database to identify wells.														
C. Pursue funding to assist landowners with well upgrades.														
Obj. 5 Provide education on wellhead protection methods.	Low												$ 100.00	WP
A. Educate residents about potential contaminant sources.	Ongoing													
B. Encourage regular sampling for coliform bacteria and nitrites.	Ongoing													
C. Provide technical assistance if there is a contamination problem.	Ongoing													
Obj. 6 Identify and seal abandoned wells.	High												$ 5,000.00	WP
A. Educate residents on the impact to groundwater quality.	Ongoing													
B. Secure financial assistance for residents to seal wells properly.	Ongoing													
C. Support other agency efforts to seal wells.	Ongoing													
D. Add identified abandoned wells to the counties database.	Ongoing													
E. Identify high priority abandoned wells.	Ongoing													
Obj. 7 Identify wells with a history of poor water quality.	Medium												$ 1,000.00	WP
A. Inform landowners of possible risks.														
B. Assist landowner with idenifying the source of contamination.														
C. Assist landowner with finding a solution to the problem.														
Obj 8 Educate residents on health risks versus aesthetic issues.	Low												$ 100.00	WP
A. Provide education on driinking water contaminants and their risk.	Ongoing													
B. Educate residents on various treatment methods and effectiveness.	Ongoing													
C. Encourage regular testing for contaminants.														
Obj 9. Identify business' with potential groundwater impacts.	Low												$ 100.00	WP
A. Provide education to business' about groundwater contamination.														
B. Inform business' of suseptible wells in the area.														
C. Encourage the use of environmentally friendly products.	Ongoing													
D. Encourage the proper disposal of business waste.	Ongoing													
Obj. 10 Identify and seal any agricultural drainage wells.	Low												$ 100.00	WP
A. Identify any agricultural drainage wells.	Ongoing													
B. Secure funding to assist in sealing any identified wells.														
C. Provide technical assistance to find alternative drainage.														
Total Anticipated Annual Implementation Costs for Groundwater													$8,800.00	