



Grant All-Detail Report 2013-LWM (NRBG)

Grant Title - 2013 - LWM (NRBG) - Washington (COUNTY)

Grant ID - C13-10042

Organization - Washington County

Grant Awarded Amount	\$8,094.00	Grant Execution Date	
Required Match Amount	\$0.00	Grant End Date	1/1/2020
Required Match %	0%	Grant Day To Day Contact	Stephanie Souter

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$8,094.00	\$8,094.00	\$0.00
Total Match Amount	\$232,318.00	\$232,318.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$240,412.00	\$240,412.00	\$0.00

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
WCD & EMWREP Education and Information 2013	Education/Information	Local Fund	WCD match	\$44,000.00	\$44,000.00	1/17/2014	Y
WCD & EMWREP Education/Information 2013	Education/Information						

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
WCD Inventory/Mapping 2013	Inventory/Mapping	Local Fund	2013 WCD Water Management Match	\$9,000.00	\$9,000.00	1/17/2014	Y
WCD Monitoring/Data Collection 2013	Monitoring/Data Collection	Local Fund	2013 WCD Water Management Match	\$8,800.00	\$8,800.00	1/17/2014	Y
WCD Regulation & Ordinances 2013	Regulations/Ordinances/Enforcement	Local Fund	2013 WCD Water Management Match	\$5,200.00	\$5,200.00	1/17/2014	Y
WCD Staff Services 2013	Technical/Engineering Assistance	Local Fund	2013 WCD Water Management Match	\$94,500.00	\$94,500.00	1/17/2014	Y
WCPHE Admin/Coordination 2013	Administration/Coordination	Current State Grant	2013 - LWM (NRBG) - Washington (COUNTY)	\$8,094.00	\$8,094.00	12/31/2013	N
WCPHE Admin/Coordination 2013	Administration/Coordination	Local Fund	2013 PHE Water Management Match	\$28,368.00	\$28,368.00	12/31/2013	Y
WCPHE Education/Information 2013	Education/Information	Local Fund	2013 PHE Water Management Match	\$8,800.00	\$8,800.00	12/31/2013	Y
WCPHE Inventory/Mapping 2013	Inventory/Mapping	Local Fund	2013 PHE Water Management Match	\$1,000.00	\$1,000.00	12/31/2013	Y
WCPHE Monitoring and Data Collection 2013	Monitoring/Data Collection	Local Fund	2013 PHE Water Management Match	\$7,200.00	\$7,200.00	12/31/2013	Y
WCPHE Planning 2013	Planning and Assessment	Local Fund	2013 PHE Water Management Match	\$25,450.00	\$25,450.00	12/31/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
101M - Staff Time	1	0	0

Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - WCD & EMWREP Education and Information 2013

Description	<p>The WCD assists and supports educational activities in the County that enhance the County's surface water management, groundwater management, and soil conservation initiatives. The WCD shall direct education activities to educate the public and promote conservation activities. Target audiences include:</p> <ol style="list-style-type: none"> 1 . Landowners, 2 . Decision-makers, 3 . Students and Teachers, 4 . Other audiences as identified as programs are implemented. 	
Category	EDUCATION/INFORMATION	
Start Date	1-Jan-13	End Date Tue Dec 31 00:00:00 CST 2013
Rates and Hours		
Actual Results	<p>2014 education and outreach included newsletters, articles, booths at local events, workshops, presentations. Some specific topics covered included rain garden installation and care, aquatic invasive species, agricultural practices, manure management for horse owners, a floating workshop on the St Croix River, and many more. EMREP also helps coordinate between watershed districts, water consortium, and other resources management agencies. Additional information is available in the EMWREP annual report, available upon request.</p>	

Grant Activity - WCD & EMWREP Education/Information 2013

Description	The WCD assists and supports educational activities in the County that enhance the County's surface water management, groundwater management, and soil conservation initiatives. The WCD shall direct education activities to educate the public and promote conservation activities. Target audiences include : 1 . Landowners, 2 . Decision-makers, 3 . Students and Teachers, 4 . Other audiences as identified as programs are implemented.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	The East Metro Water Resources Education Program (EMWREP) has various forms of education and outreach including newsletters, articles, booths at local evenets, workshops presentations, and more. EMREP also helps coordinate between watershed districts, water consortium, and other resources management agencies. Additional information is available in the EMWREP annual report, available upon request.		

Activity Action - EMWREP Activities			
Practice	101M - Staff Time	Count of Activities	1
Description	EMWREP Education Activities. See EMWREP Annual Report for more details.		
Proposed Size / Units	2800	Lifespan	Unknown
Actual Size/Units		Installed Date	

Grant Activity - WCD Inventory/Mapping 2013

Description	The WCD will continue efforts to add wetland impact data to the County's GIS system, coordinate natural resource data, update and refine land cover mapping, map BMPS, map monitoring sites, and review local inventory efforts. Includes updating County Conservation Plan. Includes mapping of priority practices identified in subwatershed assessments.		
Category	INVENTORY/MAPPING		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	Maintain and update natural resource data. Implement prioritization activities with the county, and 4 watershed management organizations. Worked with seven watersheds and the county to develop a BMP inspection and maintenance database.		

Grant Activity - WCD Monitoring/Data Collection 2013

Description	<p>The WCD coordinates the monitoring of vital water resources in Washington County to increase the understanding of the water quality conditions and trends within the County.</p> <ol style="list-style-type: none"> 1. Continue implementation of a baseline - monitoring and assessment. 2. Analyze data from stream monitoring sites, lake water quality monitoring sites and lake level gages. 3. Expand the number of monitoring sites to areas not currently being monitored; i.e. , enhance groundwater level monitoring. 4. Disseminate information in multiple formats. 5. Investigate centralized water quality database. 		
Category	MONITORING/DATA COLLECTION		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	Implement countywide water monitoring program in partnership with all 8 WMOs in the county, as well as the Metropolitan Council. Detailed monitoring data available upon request.		

Grant Activity - WCD Regulation & Ordinances 2013

Description

The WCD will conduct office and field reviews of WMO, DNR and LGU permit approvals, permits and variance requests. It will provide technical assistance and consultation to Washington County Government departments and programs to ensure compliance with the Phase II NPDES program requirements and assist the Washington County Department of Public Works with developing and implementing new, innovative and cost effective erosion and sediment control practices for County capital projects. WCD will also work with local government units on comprehensive plan updates.

1. Conduct at least ten compliance checks throughout the County to ensure that projects are constructed according to approved plans.
2. Assist the WMOs, LGUs and DNR in investigating and responding to shore land zoning violations and complaints by inspecting the site to ensure that the plans were complied with or that a restoration plan has been submitted and completed.
3. Review development proposals within the shore land, St. Croix and mining districts.
4. Review environmental assessment worksheets and environmental impact statements.
5. Assist the County Plat Commission in reviewing plan and grading permit applications.
6. Assist with erosion control planning, mitigation and permitting for County transportation projects.
7. Implement WCD requirements of Washington County Groundwater Plan as requested by PHE staff.
8. Provide technical and financial assistance to County PW in planning and implementation of conservation practices on county property and ROW.

Category

REGULATIONS/ORDIANCES/ENFORCEMENT

Start Date

1-Jan-13

End Date

Tue Dec 31 00:00:00 CST 2013

Rates and Hours

Actual Results

WCD provides support to County and WMOs to implement local ordinances and regulations. Four EAWs reviewed and comments provided. Provided site plan review support for the Plat Commission. WCD provided technical support to the County to implement the BMPs in their MS4 SWPPP.

Grant Activity - WCD Staff Services 2013

<p>Description</p>	<p>The WCD will provide countywide technical assistance to landowners in applying conservation practices and approved management techniques to reduce water and wind erosion and to reduce sediment and pollution damage to lakes, wetlands, rivers, streams and groundwater. Also supports habitat restoration efforts.</p> <ol style="list-style-type: none"> 1. Work with willing landowners to reduce erosion and runoff. 2. Work with willing feedlot operators to develop plans to eliminate feedlot runoff. 3. Provide Washington County residents technical assistance with resource concerns such as water quality, wetlands, soil loss and other natural resource information. 4. Work with landowners to install water quality improvement practices. 5. Work with landowners to enhance habitat and combat invasive species. 	
<p>Category</p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>	
<p>Start Date</p>	<p>1-Jan-13</p>	<p>End Date Tue Dec 31 00:00:00 CST 2013</p>
<p>Rates and Hours</p>		
<p>Actual Results</p>	<p>Initiated landowner contact for 8 WMO and grant cost-share programs. Over 240 site visits conduct, and 150 practices designed and installed.</p>	

Grant Activity - WCPHE Admin/Coordination 2013

Description

County - wide water resources efforts are coordinated by two full time water planners.

Major projects include: compiling and writing an update for the 10 year Groundwater Plan, administering an abandoned well sealing program and Clean Water Fund abandoned well grant, working with state and local government on water issues specific to Washington County, working with watershed districts on their water management plans, TMDLs and WRAPS, county wide water planning with LGU's, working with watersheds and stakeholders through the Washington County Water Consortium, and serving the public at large.

Category

ADMINISTRATION/COORDINATION

Start Date

1-Jan-13

End Date

Tue Dec 31 00:00:00 CST 2013

Rates and Hours

Actual Results

Staff accomplished the following:

1. The county continued the update process for the 10 year groundwater plan in June (see planning section for more details).
2. Worked with landowners to seal six (6) abandoned wells through the 50% cost share well sealing program. (Additional wells were sealed with a Clean Water Fund grant and are reported elsewhere)
3. Reviewed and commented on 2 environmental review documents including Environmental Assessment Worksheets for developments in the county.
4. Reviewed and comments on plan update materials for Valley Branch Watershed District, Mn Dept of Agriculture's Nitrogen Fertilizer Management Plan, and others.
5. Continued working with MDH and the communities of Baytown and West Lakeland Townships on Trichloroethylene (TCE) groundwater contamination - including offering VOC testing for residents, and attending various meetings related to the release of a new and lower Health Based Value for TCE.
6. Continued attendance at monthly meetings of various WMOs in the county.

Grant Activity - WCPHE Education/Information 2013

Description	Educating public employees, officials and the citizens of the county are important elements of the WCPHE's activities to protect and conserve groundwater resources. The county will: 1) Continue to assist with the Metro Area Children's Water Festival. 2) Educate public officials about the Groundwater Plan. 3) Educate citizens on current groundwater and surface water resource issues. 4) Distribute copies of general information handouts regarding drinking water and water resources concerns to local units of government and citizens. 5) Continue to hold monthly meetings of the Water Consortium.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	<ol style="list-style-type: none"> 1. Staff participated in planning and implementation of the Children's Water Festival, and worked at the festival. 2. Staff volunteered at the County Fair for Washington Conservation District, and at the State Fair for Blue Thumb Partnership. 3. Staff collaborated with county departments and East Metro Water Resources Education Program. 4. Staff continued to monitor and work with MDH on Special Well Construction Areas in the county, and kept residents updated as needed, including answering questions via phone inquiries. 5. Staff organized 9 water consortium meetings including two tours of best management practices (BMPs) for LGUs, watershed organizations, citizens, and state agencies. 		

Grant Activity - WCPHE Inventory/Mapping 2013

Description	WCPHE will continue to assist local governments with mapping and inventory needs related to groundwater resources. Examples of this include assisting communities with groundwater mapping needs and citizens in understanding the perfluorochemical contamination in the county.		
Category	INVENTORY/MAPPING		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	<p>Staff regularly provides maps and data concerning groundwater resources to citizens and agencies. Examples for 2013 include:</p> <ol style="list-style-type: none"> 1. PFC contamination sites to residents 2. Special well construction areas to residents and realtors. 3. Mapping grant and well activities. 4. Intern support to map and inventory wells for the MGS/DNR Geologic Atlas update. 		

Grant Activity - WCPHE Monitoring and Data Collection 2013

Description	WCPHE will assist citizens and licensed food establishments (non - community, transient wells) in collection of water samples. Data is maintained and technical assistance provided to clients by county staff. Staff collect and analyze water samples for residents and food establishments. They also assist residents and communities with water sampling efforts as requested.		
Category	MONITORING/DATA COLLECTION		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours Actual Results	<ol style="list-style-type: none"> 1. Staff regularly provided maps and data concerning groundwater resources to citizens and agencies. 2. Staff took approximately 221 water samples for food, beverage and lodging establishments, communicated the results to the establishments, and answered questions as needed. 3. Approximately 543 water samples were analyzed for water quality through the department's well water testing program for county residents. Staff communicated results to residents and answered questions as needed. 4. Staff took samples to be analyzed for PFCs for one resident at their request, as well as 12 samples for VOCs. 5. Staff worked with the Minnesota Department of Agriculture to conduct three nitrate testing clinics, in Denmark Township, Cottage Grove, and Scandia. 6. Staff provided support to the Minnesota Geological Survey for the update of the county's geologic atlas. (see inventory/mapping section for more). 7. Staff assisted DNR with synoptic well measurement study in March 2013. 		

Grant Activity - WCPHE Planning 2013

Description	Staff will continue the update process for the 10 year Groundwater Plan. Staff will also work with LGU's and state agencies to address water planning needs.		
Category	PLANNING AND ASSESSMENT		
Start Date	1-Jan-13	End Date	Tue Dec 31 00:00:00 CST 2013
Rates and Hours			
Actual Results	<p>Regarding the update process for the Groundwater Plan, staff:</p> <ol style="list-style-type: none"> 1. Convened 5 additional work group meetings, based on issues identified through the planning process. 2. Convened the Groundwater Advisory Committee and Technical Advisory Committee to review draft strategies. 3. Wrote a first draft of the plan in summer 2013- distributed to GWAC and TAC members for review and comment. 4. Presented GW plan draft to county board. 5. Prepared and released official draft GW plan per state statute requirements. 6. Compiled and collected comments during public comment period, which was extended into early 2014. <p>Staff continued collaboration with other county departments and the Washington Conservation District on county MS4, by hosting the annual public meeting as part of the water consortium.</p> <p>Staff worked with LGUs and state agencies on water supply planning for metro area. This included:</p> <ol style="list-style-type: none"> 1. Participation on North and East Metro Groundwater Management Area advisory group. 		

Grant Attachments

Document Name	Document Type	Description
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Grant All-Detail Report 2013-Shoreland (NRBG)

Grant Title - 2013 - Shoreland (NRBG) - Washington (COUNTY)

Grant ID - C13-10167

Organization - Washington County

Grant Awarded Amount	\$2,615.00	Grant Execution Date	
Required Match Amount	\$2,615.00	Grant End Date	1/1/2020
Required Match %	100%	Grant Day To Day Contact	Stephanie Souter

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$2,615.00	\$2,615.00	\$0.00
Total Match Amount	\$6,000.00	\$6,000.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$8,615.00	\$8,615.00	\$0.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Shoreland Education/Information 2013	Education/Information	Local Fund	2013 Shoreland Match	\$600.00	\$600.00	12/31/2013	Y
Shoreland Monitoring and Data Collection 2013	Monitoring/Data Collection	Local Fund	2013 Shoreland Match	\$1,500.00	\$1,500.00	12/31/2013	Y
Shoreland Regulations/Ordinances/Enforcement 2013	Regulations/Ordinances/Enforcement	Current State Grant	2013 - Shoreland (NRBG) - Washington (COUNTY)	\$2,615.00	\$2,615.00	12/31/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Shoreland Regulations/Ordinances/Enforcement 2013	Regulations/Ordinances/Enforcement	Local Fund	2013 Shoreland Match	\$3,900.00	\$3,900.00	12/31/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
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Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Shoreland Education/Information 2013			
Description	Continue to provide information and educational materials to residents as requested. Answer questions and provide handouts on best management practices.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Provided residents with information on erosion and sediment control, grading and filling, lake setbacks, road setbacks, lot sizes and impervious surfaces.		

Grant Activity - Shoreland Monitoring and Data Collection 2013

Description	Monitor projects and collect data on an as needed basis. Collect information on number and type of variance applications and monitor and inspect violations.		
Category	MONITORING/DATA COLLECTION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Staff time for monitoring on projects for 11 permits, 3 variances, and 13 violations.		

Grant Activity - Shoreland Regulations/Ordinances/Enforcement 2013

Description	Continue to process the following zoning activities in the shoreland areas: conditional use permits, variances, on - site septic, subdivision, ordinance violations, ordinance amendments, etc. Also includes equipment, office supplies, mileage payments used to implement program.		
Category	REGULATIONS/ORDINANCES/ENFORCEMENT		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Enforced the zoning code in the shoreland areas of Washington County, including issuance of 11 permits, 3 variances, 13 violations, and 1 platted subdivision. As part of permit reviews, staff accrue mileage expenses, and, as part of duties, utilize a variety of equipment and supplies including GIS equipment.		

Grant Attachments

Document Name	Document Type	Description
2013 Shoreland Financial Report	Grant	2013 - Shoreland (NRBG) - Washington (COUNTY)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/03/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2014



Grant All-Detail Report 2013-WCA (NRBG)

Grant Title - 2013 - WCA (NRBG) - Washington (COUNTY)

Grant ID - C13-10100

Organization - Washington County

Grant Awarded Amount	\$41,551.00	Grant Execution Date	
Required Match Amount	\$41,551.00	Grant End Date	1/1/2020
Required Match %	100%	Grant Day To Day Contact	Stephanie Souter

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$41,551.00	\$41,551.00	\$0.00
Total Match Amount	\$59,551.00	\$53,000.00	\$6,551.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$101,102.00	\$94,551.00	\$6,551.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
WCA Administration Countywide 2013	Administration /Coordination	Current State Grant	2013 - WCA (NRBG) - Washington (COUNTY)	\$34,351.00	\$34,351.00	12/31/2013	N
WCA Administration Countywide 2013	Administration /Coordination	Local Fund	2013 WCA In Kind Match	\$18,777.00	\$10,100.00	12/31/2013	Y
WCA Administration Countywide 2013	Administration /Coordination	Local Fund	2013 WCA WCD Match	\$22,774.00	\$24,900.00	12/31/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
WCA Education/Information 2013	Education/Information	Current State Grant	2013 - WCA (NRBG) - Washington (COUNTY)	\$6,200.00	\$6,200.00	12/31/2013	N
WCA Inventory/Mapping 2013	Inventory/Mapping	Current State Grant	2013 - WCA (NRBG) - Washington (COUNTY)	\$1,000.00	\$1,000.00	12/31/2013	N
WCA Technical Staff Services to County 2013	Technical/Engineering Assistance	Local Fund	2013 WCA County Levy Match	\$18,000.00	\$18,000.00	12/31/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
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Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - WCA Administration Countywide 2013

Description	The WCD is the principle implementing agency for the Wetland Conservation Act and serves as a clearinghouse for information. The WCD provides: 1) information to LGU's, 2) Recordkeeping for WCA, 3) program coordination throughout the county, and 4) technical assistance through TEP membership, enforcement, and permit application review.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Participated in many Technical Evaluation Panel meetings to review and evaluate approximately 45 wetland applications. Provided comments and feedback to both LGU's and applicants. Provided general wetland assistance to at least 27 landowners and several local government units. Continued county-wide WCA application tracking. Attended one city council meeting to review and provide feedback related to a proposed park improvement project and its WCA-related implications. Fulfilled approximately eight requests for historic aerial photography.		

Grant Activity - WCA Education/Information 2013

Description	Assist landowners and community groups with questions about wetlands, WCA, and associated concerns.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Completed one presentation at Stillwater High School for the science class. Also worked with the teaching staff at Oneka Elementary in Hugo to perform vegetation management on a recently constructed wetland mitigation area on the school property. Assisted many landowners throughout 2013 on general wetland questions and WCA regulation requirements for their potential projects. Total landowner contacts numbered 27. Performed 8 site visits where either partial wetland boundaries were flagged for approximating setbacks or "non wetland" determinations were made for portions of a property in proximity to proposed houses or other structures.		

Grant Activity - WCA Inventory/Mapping 2013

Description	The WCD will document, monitor, and inventory the wetland mitigation sites in the County. The WCD is working to track the locations of applicable LGU decisions such as wetland delineations, exemptions, and no-losses.		
Category	INVENTORY/MAPPING		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	GIS mapping structure for replacement sites established in 2011. WCA-decision tracking mapping structure established in 2012. Initial data entry completed in 2013 and will be ongoing, as necessary. Integration of two tracking databases anticipated in 2014.		

Grant Activity - WCA Technical Staff Services to County 2013

Description	WCA Assistance to county departments and technical assistance to LGU's.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Provided information to the County on WCA regulation for a project in Stillwater, also reviewed one application for a road in Oak Park Heights. Provided full WCA administration support for at least one LGU in pursuing two potential wetland violations. Assisted other LGUs throughout county with general WCA related questions and project review, when necessary. Assisted LGUs with approximately 14 potential enforcement cases. Submitted annual WCA reports for 13 LGUs.		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/23/2014
WCA 2013 Financial Report	Grant	2013 - WCA (NRBG) - Washington (COUNTY)



Grant All-Detail Report

2013 Low-Income SSTS Upgrades

Grant Title - 2013 Low-Income SSTS Upgrades - Washington (COUNTY)

Grant ID - C13-3780

Organization - Washington County

Grant Awarded Amount	\$20,901.00	Grant Execution Date	
Required Match Amount	\$1,045.05	Grant End Date	1/1/2020
Required Match %	5%	Grant Day To Day Contact	Stephanie Souter

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$20,901.00	\$20,901.00	\$0.00
Total Match Amount	\$33,274.00	\$33,274.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$54,175.00	\$54,175.00	\$0.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Washington County Low-Income SSTS Upgrades 2013	Subsurface Sewage Treatment Systems	Current State Grant		\$20,901.00	\$20,901.00	12/16/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Washington County Low-Income SSTS Upgrades 2013	Subsurface Sewage Treatment Systems	Landowner Fund	Match from landowner	\$33,274.00	\$33,274.00	12/16/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
126M - Septic System Improvement	4	1	1 COUNT

Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	933.00	LBS/YR
PATHOGENS (E. COLI)	214,800,000,000,000.00	CFU
NITROGEN	97.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	31.00	LBS/YR

Grant Activity

Grant Activity - Washington County Low-Income SSTS Upgrades 2013

Description	Assist low-income property owners with financial assistance in replacing a failed subsurface sewage treatment system.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	<p>County staff developed SSTS fix up application materials, and promoted the program in the spring/summer of 2013. Grants were awarded on a first come, first serve basis, using the income eligibility requirements.</p> <p>A total of 4 grants were awarded, to replace 4 failing SSTS. SSTS were permitted according to standard county procedures.</p>		

Activity Action - SSTS Replacement, Baytown Twp

Practice	126M - Septic System Improvement	Count of Activities	4
Description	SSTS installed per Washington County ordinance and MN Statute.		
Proposed Size / Units	1 COUNT	Lifespan	30 Years
Actual Size/Units	1 COUNT	Installed Date	4-Oct-13

Final Indicator for SSTS Replacement, Baytown Twp

Indicator Name	PATHOGENS (E. COLI)	Value	3.44E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Baytown Twp

Indicator Name	NITROGEN	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Baytown Twp

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Baytown Twp			
Indicator Name	BOD 5	Value	101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS Replacement, Forest Lake			
Practice	126M - Septic System Improvement	Count of Activities	4
Description	SSTS installed per Washington County ordinance and MN Statute.		
Proposed Size / Units	1 COUNT	Lifespan	30 Years
Actual Size/Units	1 COUNT	Installed Date	21-Nov-13

Final Indicator for SSTS Replacement, Forest Lake			
Indicator Name	PATHOGENS (E. COLI)	Value	1.03E+14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Forest Lake			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Forest Lake			
Indicator Name	NITROGEN	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Forest Lake			
Indicator Name	BOD 5	Value	605
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS Replacement, Grant			
Practice	126M - Septic System Improvement	Count of Activities	4
Description	SSTS installed per Washington County ordinance and MN Statute.		
Proposed Size / Units	1 COUNT	Lifespan	30 Years
Actual Size/Units	1 COUNT	Installed Date	3-Dec-13

Final Indicator for SSTS Replacement, Grant			
Indicator Name	NITROGEN	Value	29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Grant			
Indicator Name	PATHOGENS (E. COLI)	Value	4.30E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Grant			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS Replacement, Grant			
Indicator Name	BOD 5	Value	126
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS Replacement, Scandia			
Practice	126M - Septic System Improvement	Count of Activities	4
Description	SSTS installed per Washington County ordinance and MN Statute.		
Proposed Size / Units	1 COUNT	Lifespan	30 Years
Actual Size/Units	1 COUNT	Installed Date	25-Nov-13

Final Indicator for SSTS Replacement, Scandia			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS Replacement, Scandia			
Indicator Name	PATHOGENS (E. COLI)	Value	3.44E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS Replacement, Scandia			
Indicator Name	NITROGEN	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS Replacement, Scandia			
Indicator Name	BOD 5	Value	101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Grant Attachments

Document Name	Document Type	Description
2013 SSTS fix up financial report	Grant	2013 Low-Income SSTS Upgrades - Washington (COUNTY)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/29/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/02/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2014
grant_app_general-added.rpt	Grant	2013 Low-Income SSTS Upgrades - Washington (COUNTY)



Grant All-Detail Report 2013-SSTS (NRBG)

Grant Title - 2013 - SSTS (NRBG) - Washington (COUNTY)

Grant ID - C13-10277

Organization - Washington County

Grant Awarded Amount	\$18,941.00	Grant Execution Date	
Required Match Amount	\$0.00	Grant End Date	1/1/2020
Required Match %	0%	Grant Day To Day Contact	Stephanie Souter

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$18,941.00	\$18,941.00	\$0.00
Total Match Amount	\$40,000.00	\$40,000.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$58,941.00	\$58,941.00	\$0.00

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSTS Admin/Coordination 2013	Administration /Coordination	Current State Grant	2013 - SSTS (NRBG) - Washington (COUNTY)	\$18,941.00	\$18,941.00	12/31/2013	N
SSTS Admin/Coordination 2013	Administration /Coordination	Local Fund	2013 SSTS Match	\$29,600.00	\$29,600.00	12/31/2013	Y
SSTS Education/Information 2013	Education/Information	Local Fund	2013 SSTS Match	\$1,200.00	\$1,200.00	12/31/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSTS Monitoring/Data Collection 2013	Monitoring/Data Collection	Local Fund	2013 SSTS Match	\$5,600.00	\$5,600.00	12/31/2013	Y
SSTS Regulations/Ordinances/Enforcement 2013	Regulations/Ordinances/Enforcement	Local Fund	2013 SSTS Match	\$3,600.00	\$3,600.00	12/31/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
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Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - SSTS Admin/Coordination 2013			
Description	The WCPHE will administer the SSTS program according to the county SSTS ordinance, including tracking of septic maintenance (pumping), soil reviews, inspections and responding to complaints. The WCPHE will assist the MPCA and other local agencies in the implementation of a maintenance (pumping) program.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Washington County successfully administered the SSTS program for the majority of the County, either by Contract or by jurisdiction as stated in Minnesota Statute 115.55 and 115.56, and Minnesota Rules, Chapter 7080-7083. Washington County continued to participate in the Minnesota Pollution Control Agency (MPCA) SSTS Advisory Committee to suggest language and provide input to the rulemaking process, and overall administration of the SSTS program. At the request of the MPCA, the county provided information on enforcement issues.		

Grant Activity - SSTS Education/Information 2013

Description	The WCPHE will integrate educational efforts about care and maintenance of SSTS with environmental education activities. The use of printed materials, such as the U of M extension service materials on proper care of SSTS systems will be used. Distribute printed materials to all septic system permit recipients.		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	<p>The publication, "Septic System Owner's Guide" written by the University of Minnesota Extension Onsite Sewage Treatment Program (OSTP), was distributed with 255 permits issued by the county in 2013.</p> <p>County staff also coordinated a workshop, in partnership with the U of M OSTP, for realtors and appraisers in May 2013. Approximately 60 realtors/appraisers attended the session to learn about septic systems, and received continuing education credits towards their licensure.</p>		

Grant Activity - SSTS Monitoring/Data Collection 2013

Description	In 1999, WCPHE began collecting pumping data on all existing SSTS systems in the unincorporated areas of the county. In addition, those communities for which the county provides septic inspection and permitting services is included in the data management program. This comprehensive data system was completed in 2000 and identified approximately 15,700 existing systems. Continue to collect data from private septic pumpers needed for maintenance monitoring. Continue to build database by adding new permits. Map data daily.		
Category	MONITORING/DATA COLLECTION		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	<p>Reminders were sent out quarterly to SSTS owners in the county that were due for maintenance of their system. Maintenance of 3,580 septic systems was reported to the county in 2013, as of January 13, 2014. Staff logged permits into the database as they were submitted. Staff also mapped permit, order and pumping data on a daily basis.</p>		

Grant Activity - SSTS Regulations/Ordinances/Enforcement 2013

Description	The WCPHE will implement changes to the County SSTS Ordinance due to changes to MN Rule 7080, in 2011.		
	The County will continue to implement current adopted ordinance, including issuing permits and ordering replacements of failed systems.		
Category	REGULATIONS/ORDINANCES/ENFORCEMENT		
Start Date	1-Jan-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	<p>Washington County adopted the Washington County Development Code, Chapter Four, Subsurface Sewage Treatment Regulations (Washington County Ordinance #179) on September 8, 2009, and it took effect on September 23, 2009. The Ordinance adopted the proposed rules and regulations in Minnesota Rules, Chapter 7080-7083, at that time. The local communities adopted the county ordinance in 2010. The Department continues to represent Metro Counties on the Minnesota Pollution Control Agency's SSTS Advisory Committee, to provide input on rulemaking and overall SSTS coordination.</p> <p>Staff began work on an ordinance revision in 2013, to meet the most recent changes to 7080. The ordinance is expected to be completed in the second half of 2014.</p> <p>A total of 255 permits were issued in 2013, and 72 systems were ordered to be replaced.</p>		

Grant Attachments

Document Name	Document Type	Description
2013 SSTS base financial report	Grant	2013 - SSTS (NRBG) - Washington (COUNTY)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/04/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2014