



## Grant All-Detail Report Watershed Based Funding Metro 2019

**Grant Title** - 2019 - Watershed Based Funding Metro (Washington County)

**Grant ID** - P19-3285

**Organization** - Washington County

Original Awarded Amount	<b>\$78,760.00</b>	Grant Execution Date	<b>10/10/2018</b>
Required Match Amount	\$7,876.00	Original Grant End Date	12/31/2021
Required Match %	10%	Grant Day To Day Contact	Jessica Collin-Pilarski - original
Current Awarded Amount	\$78,760.00	Current End Date	12/31/2022

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$78,760.00	\$73,192.14	\$5,567.86
Total Match Amount	\$30,200.00	\$28,486.75	\$1,713.25
Total Other Funds	\$4,500.00	\$0.00	\$4,500.00
<b>Total</b>	<b>\$113,460.00</b>	<b>\$101,678.89</b>	<b>\$11,781.11</b>

*\*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
Admin/coordination	Administration /Coordination	Local Fund	County funds	\$4,500.00			N
Chloride Education	Education/Information	Current State Grant	2019 - Watershed Based Funding Metro (Washington County)	\$3,300.00	\$2,512.88	12/30/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Identify Water Reuse Activities	Planning and Assessment	Current State Grant	2019 - Watershed Based Funding Metro (Washington County)	\$38,500.00	\$38,499.85	8/30/2020	N
Identify Water Reuse Activities	Planning and Assessment	Local Fund	County	\$0.00			N
Inventory, outreach on wellhead protection	Planning and Assessment	Current State Grant	2019 - Watershed Based Funding Metro (Washington County)	\$1,000.00	\$947.10	12/30/2020	N
SSTS and Well Education	Education/Information	Current State Grant	2019 - Watershed Based Funding Metro (Washington County)	\$7,500.00	\$3,550.56	12/31/2021	N
Well Sealing Targeted Areas	Groundwater	Current State Grant	2019 - Watershed Based Funding Metro (Washington County)	\$28,460.00	\$27,681.75	12/21/2021	N
Well Sealing Targeted Areas	Groundwater	Local Fund	County funds	\$30,200.00	\$28,486.75	12/21/2021	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
351 - Well Decommissioning	6	6	6 COUNT	6 COUNT
104M - Workshop/Clinics	3		1 COUNT	COUNT
351 - Well Decommissioning	8	8	1 COUNT	1 COUNT
351 - Well Decommissioning	16	16	16 COUNT	16 COUNT
351 - Well Decommissioning	2		8 COUNT	COUNT
104M - Workshop/Clinics	2		2 COUNT	COUNT

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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## Final Indicators Summary

Indicator Name	Total Value	Unit
PREVENTION	8.00	COUNT

## Grant Activity

Grant Activity - Admin/coordination	
Description	Overall administration and coordination of watershed-based funding.
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	Staff tracked and reported on WBF grant activities. No staff time tracked, as match is accounted for elsewhere.

**Grant Activity - Chloride Education**

<p><b>Description</b></p>	<p>Develop a chloride education video, and additional education resources, in partnership with East Metro Water Resources Education Program.</p> <p>Technical assurances - Lead workers:</p> <p>Jessica Collin-Pilarski, Senior Planner, PE CPSWQ - worked as county water planner for over 9 years</p> <p>Stephanie Souter, Senior Planner AICP - worked as county water planner for over 5 years</p> <p>Maureen Hoffman, Planner I - newly hired water planner at the county, worked as the Capital Projects Planning Intern and Mississippi WMO and as a planner for a local consulting firm, she is an AICP Candidate</p> <p>EMWREP - Angie Hong leads EMWREP and manages the public education and outreach for water resources among partners in the county</p> <p>See measurable outcomes summary document for milestones.</p>	
<p><b>Category</b></p>	<p>EDUCATION/INFORMATION</p>	
<p><b>Start Date</b></p>	<p>1-Oct-19</p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>Yes</p>	
<p><b>Actual Results</b></p>	<p>No chloride education activities were completed in 2019.</p> <p>In 2020, due to COVID-19, we pivoted funds that would have been used for in person activities to work with East Metro Water Resources (EMWREP) on a chloride education video.</p> <p><a href="https://www.youtube.com/watch?v=lo-zTw5Yb6g&amp;feature=youtu.be&amp;ab_channel=WashingtonConservationDistrict">https://www.youtube.com/watch?v=lo-zTw5Yb6g&amp;feature=youtu.be&amp;ab_channel=WashingtonConservationDistrict</a></p>	

**Grant Activity - Identify Water Reuse Activities**

<p><b>Description</b></p>	<p>Expand on the stormwater reuse methodology and tool developed by Rice Creek and run the model for Washington County; target sub-regions such as White Bear Lake radius, southern Wash County, etc.</p> <p>Funds will support a combination of staff time (from PHE and IT/GIS) and consultant time to convene stakeholders, collect and analyze data, and build out GIS tool for use by the county, watersheds, and other local partners.</p> <p>Technical assurances - Lead workers:</p> <p>Jessica Collin-Pilarski, Senior Planner, PE CPSWQ - worked as county water planner for over 9 years</p> <p>Stephanie Souter, Senior Planner AICP - worked as county water planner for over 5 years</p> <p>Maureen Hoffman, Planner I - newly hired water planner at the county, worked as the Capital Projects Planning Intern and Mississippi WMO and as a planner for a local consulting firm, she is an AICP Candidate</p> <p>Washington County IT Department - develops and manages the GIS projects for the county</p> <p>See Measureable Outcomes summary for all WBF milestones.</p>	
<p><b>Category</b></p>	<p>PLANNING AND ASSESSMENT</p>	
<p><b>Start Date</b></p>	<p>1-Jan-19</p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>Yes</p>	
<p><b>Actual Results</b></p>	<p>Project launched in 2019. Contracted with HEI to complete analysis. Technically feasible parcels identified for reuse within county.</p> <p>2020 project was completed. Staff and consultants engaged with WMOs to determine what qualitative factors to apply to parcels. The factors were then applied with a primary focus on groundwater protection and further refined the list of eligible parcels for reuse. The consultants provided the county with the technical memo and GIS data to utilize and disburse to partners.</p>	

**Grant Activity - Inventory, outreach on wellhead protection**

<p><b>Description</b></p>	<p>Partner with cities to coordinate on Wellhead Protection Plans, to identify possible unused wells, send letters to residents to offer well sealing cost share, and/or confirm that their well has been sealed; potentially conduct desktop review of aerials and city water records to determine possible areas of unsealed wells; conduct field verification if needed.</p> <p>Technical assurances - Lead workers:</p> <p>Jessica Collin-Pilarski, Senior Planner, PE CPSWQ - worked as county water planner for over 9 years</p> <p>Stephanie Souter, Senior Planner AICP - worked as county water planner for over 5 years</p> <p>Maureen Hoffman, Planner I - newly hired water planner at the county, worked as the Capital Projects Planning Intern and Mississippi WMO and as a planner for a local consulting firm, she is an AICP Candidate</p> <p>See measurable outcomes summary document for milestones.</p>	
<p><b>Category</b></p>	<p>PLANNING AND ASSESSMENT</p>	
<p><b>Start Date</b></p>	<p>1-Jan-19</p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>Yes</p>	
<p><b>Actual Results</b></p>	<p>No wellhead outreach activities were completed in 2019.</p> <p>In 2020, staff obtained an updated GIS layer of well locations from MDH/Minnesota Geological Survey, and conducted a review of those records against known sealing records, and other disclosures, to determine addresses with potentially unsealed wells. Letters were sent to those residents to encourage them to apply to well sealing program. In addition, staff talked with city staff to try and obtain an update list of address locations in St Paul Park that likely have unsealed wells.</p>	

## Grant Activity - SSTS and Well Education

<b>Description</b>	<p>Homeowner and realtor classes on SSTS, wells/groundwater, proper disposal of hazardous waste. Realtor classes may focus on SSTS only, or a combination of water-related topics. Goal is to host at least 2 realtor classes and 3 homeowner classes. The county may partner with other organizations for registering and/or co-teaching realtor courses (e.g. realtor associations, U of M, etc).</p> <p>Technical assurances - Lead workers:</p> <p>Jessica Collin-Pilarski, Senior Planner, PE CPSWQ - worked as county water planner for over 9 years</p> <p>Stephanie Souter, Senior Planner AICP - worked as county water planner for over 5 years</p> <p>Maureen Hoffman, Planner I - newly hired water planner at the county, worked as the Capital Projects Planning Intern and Mississippi WMO and as a planner for a local consulting firm, she is an AICP Candidate</p> <p>See measurable outcomes summary document for milestones.</p>	
<b>Category</b>	EDUCATION/INFORMATION	
<b>Start Date</b>	1-Jan-19	<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	<p>No education events sponsored with WBF in 2018.</p> <p>In 2019, two classes were hosted: one homeowner and one realtor education class. Both classes offered education on groundwater, wells, SSTS, healthy homes and household hazardous waste. We had 55 homeowners attend the class in November in Hugo and 35 realtors attend the class in December in Woodbury. The county subsidized well water testing for attendees of the homeowner class. The realtor class offered 4 CM credits for attendees through a partnership with Saint Paul Area Association of Realtors (SPAAR).</p> <p>Due to COVID-19, the county did not conduct homeowner or realtor classes in 2020.</p> <p>In 2021, one realtor class was held in the fall in coordination with the St. Paul Area Association of Realtors. 21 realtors attended the virtual class and earned CEUs.</p>	

Activity Action - Homeowner classes			
Practice	104M - Workshop/Clinics	Count of Activities	2
Description	Host two homeowner classes.		
Proposed Size / Units	2.00 COUNT	Lifespan	5 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	

Activity Action - Realtor classes			
Practice	104M - Workshop/Clinics	Count of Activities	1
Description	Host 2 realtor classes on SSTs or water-related topics.		
Proposed Size / Units	1.00 COUNT	Lifespan	5 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	

Activity Action - Homeowner Class			
Practice	104M - Workshop/Clinics	Count of Activities	1
Description	Homeowner Class hosted in Hugo on November 13, 2019. 55 attendees.		
Proposed Size / Units	1.00 COUNT	Lifespan	5 Years
Actual Size/Units	COUNT	Installed Date	13-Nov-19
Mapped Activities	No	Technical Assistance Provider	

Activity Action - Realtor Class			
Practice	104M - Workshop/Clinics	Count of Activities	1
Description	Realtor Class hosted in Woodbury on December 12, 2019. 35 attendees.		
Proposed Size / Units	1.00 COUNT	Lifespan	5 Years
Actual Size/Units	COUNT	Installed Date	12-Dec-19
Mapped Activities	No	Technical Assistance Provider	

## Grant Activity - Well Sealing Targeted Areas

<b>Description</b>	<p>100% cost share, up to a maximum of \$2,0000, is available to landowners with wells in areas of contamination (PFAS, TCE, Special Well Construction Areas) and/or drinking water supply management areas (DWSMAs).</p> <p>Wells will be sealed according to the MN well code, and landowners will be reimbursed for sealing costs, up to a maximum of \$2,000.</p> <p>Estimate for wells sealed: 30</p> <p>Technical assurances - Lead workers:</p> <p>Jessica Collin-Pilarski, Senior Planner, PE CPSWQ - worked as county water planner for over 9 years</p> <p>Stephanie Souter, Senior Planner AICP - worked as county water planner for over 5 years</p> <p>Maureen Hoffman, Planner I - newly hired water planner at the county, worked as the Capital Projects Planning Intern and Mississippi WMO and as a planner for a local consulting firm, she is an AICP Candidate</p> <p>See measurable outcomes summary document for milestones.</p>	
<b>Category</b>	GROUNDWATER	
<b>Start Date</b>	15-Oct-18	<b>End Date</b>
<b>Has Rates and Hours?</b>	No	
<b>Actual Results</b>	<p>5 wells were sealed under this targeted program in late 2018.</p> <p>16 wells were sealed under this targeted program in 2019.</p> <p>6 wells were sealed under this targeted program in 2020.</p>	

Activity Action - Wells to be sealed			
Practice	351 - Well Decommissioning	Count of Activities	2
Description	Estimated number of wells to be sealed in accordance with MN well code.		
Proposed Size / Units	8.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	Private Consultant

Activity Action - Well #1			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well sealed according to MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	13-Nov-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Well #1			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - Well #2			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well sealed in accordance with MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Well #2			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - Well #3			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well sealed in accordance with MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	1-Dec-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Well #3			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - Well #4			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well sealed in accordance with MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Dec-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Well #4			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - Well #5			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well sealed in accordance with MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-Dec-18
Mapped Activities	1 Point(s)	Technical Assistance Provider	

Final Indicator for Well #5			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - 2019 wells: #6-21			
Practice	351 - Well Decommissioning	Count of Activities	16
Description	Wells sealed in accordance with MN well code. Locations around the county.		
Proposed Size / Units	16.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	16.00 COUNT	Installed Date	31-Dec-19
Mapped Activities	16 Point(s)	Technical Assistance Provider	

Final Indicator for 2019 wells: #6-21			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - 2020 wells: #22-27			
Practice	351 - Well Decommissioning	Count of Activities	6
Description	Well sealed in accordance with MN well code.		
Proposed Size / Units	6.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	6.00 COUNT	Installed Date	31-Dec-20
Mapped Activities	6 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for 2020 wells: #22-27			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	groundwater		

Activity Action - 2021 wells: #28-30			
Practice	351 - Well Decommissioning	Count of Activities	3
Description	Wells sealed in accordance with MN well code.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	31-Dec-21
Mapped Activities	3 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for 2021 wells: #28-30			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other

## Grant Attachments

Document Name	Document Type	Description
<b>2019 Financial Report</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>2019 WBIF Metro amendment EXECUTED</b>	Grant Agreement Amendment	
<b>2019 Watershed Based Funding Budget Summary - for recon</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>2019 Watershed Based Funding Metro</b>	Grant Agreement	2019 Watershed Based Funding Metro - Washington County
<b>2019 Watershed Based Funding Metro EXECUTED</b>	Grant Agreement	2019 Watershed Based Funding Metro - Washington County
<b>2021 P19-3285 Grant Extension</b>	Grant Agreement Amendment	
<b>2021 Revised Measurable Outcomes</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/13/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/27/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/10/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/10/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2020
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 05/22/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/30/2019
<b>Invoices combined</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>MN Pentecostal Assembly Accounting</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>MN Pentecostal Assembly invoice</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>Measurable Outcomes</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>P19-3285 Expenditures Report</b>	Journal	Journal Dated - 11/02/2021
<b>P19-3285 Reconciliation Checklist</b>	Journal	Journal Dated - 11/02/2021
<b>P19-3285 Reconciliation Letter</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)
<b>Request to revise work plan.</b>	Journal	Journal Dated - 10/21/2019
<b>Reuse Report</b>	Grant	2019 - Watershed Based Funding Metro (Washington County)

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 08/03/2020
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 09/11/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/08/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/08/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/21/2019
Workplan Revision Request_2019 WBF grant, Grant ID - P19-3285	Journal	Journal Dated - 08/03/2020
accounting report for 2019	Grant	2019 - Watershed Based Funding Metro (Washington County)
accounting report for 2020	Grant	2019 - Watershed Based Funding Metro (Washington County)