



## FY 20 - 21 Biennial Budget Request Houston County

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|--|---------------------|-----------------------|-------------------|
| Total Requested Biennial State Contribution: | <b>\$324,680.00</b> | BBR ID                | <b>BBR18-6193</b> |
| Total Leveraged Funds                        | \$143,000.00        | Submitted Date        |                   |
| Total Resource Project and Activities Budget | \$467,680.00        | Staff Contact         | Holly Felten      |
| Total BMPs                                   | 0                   | Board Conservationist | Adam Beilke       |
| Total FTEs                                   | 0.9                 |                       |                   |

### NRBG Program Grant Summary

| Grant Source    | Estimated Amount Available | Estimated Amount Budgeted |
|-----------------|----------------------------|---------------------------|
| NRBG SSTS       | <b>\$37,200.00</b>         | <b>\$113,680.00</b>       |
| NRBG WCA        | <b>\$25,970.00</b>         | <b>\$35,000.00</b>        |
| NRBG Shoreland  | <b>\$5,560.00</b>          | <b>\$6,000.00</b>         |
| NRBG Water Plan | <b>\$29,398.00</b>         | <b>\$30,000.00</b>        |

### Water Resources of Concern

| Primary Water Resource of Concern          | Water Resource Category | Watershed | Impairments | Trend |
|--|-------------------------|-----------|-------------|-------|
| Organization Wide - Ground Water           | Ground Water            |           | N/A         | N/A   |
| Organization Wide - Ground Water           | Ground Water            |           | N/A         | N/A   |
| Organization Wide - Surface Water          | Surface Water           |           | N/A         | N/A   |
| Organization Wide - Surface & Ground Water | Surface & Ground Water  |           | N/A         | N/A   |
| Organization Wide - Ground Water           | Ground Water            |           | Unknown     | N/A   |
| Organization Wide - Surface & Ground Water | Surface & Ground Water  |           | N/A         | N/A   |

### Activity Summary

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| Water Resource Name  | <b>Organization Wide - Ground Water</b>   |
| Activity Description | <b>By sealing non-conforming wells we are reducing the potential for ground water contamination</b> |

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| Activity Category  | Groundwater  | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | MN Dept. of Health   | Estimated # of FTEs             |  |
| Total Requested Biennial State Contribution                      | \$50,000.00  | Estimated Number of Practices   | 0  |
| Estimated Leveraged Funds  | \$50,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only)   |
| Projects & Activities Budget                                     | \$100,000.00   | Action or Objective (from plan) | <b>RROWOP Section 3.3.1.1<br/>Action GW-1.2: Seal abandoned and unused wells, particularly those well which may impact public or private drinking water supplies, such as those found within DWSMAS.</b> |
| Describe how this activity could be accomplished in the biennium | The County will provide a financial incentive through a cost share program to seal non-conforming wells. |                                 |  |

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| Water Resource Name  | <b>Organization Wide - Ground Water</b>   |                                 |  |
| Activity Description   | <b>Create digital maps of SSTS locations.</b>   |                                 |  |
| Activity Category  | Administration/Coordination   | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | NRBG SSTS   | Estimated # of FTEs             | 0.1  |
| Total Requested Biennial State Contribution                      | \$12,000.00   | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$0.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only)   |
| Projects & Activities Budget                                     | \$12,000.00   | Action or Objective (from plan) | <b>RROWOP Section 3.3.4.4<br/>Action SC-4.2: Develop a database for sharing and maintaining water resource management data, including local GIS data layers and local monitoring data.</b> |
| Describe how this activity could be accomplished in the biennium | The location of SSTS, and basic information on the system will be entered into the County's GIS database. |                                 |  |

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| Water Resource Name | <b>Organization Wide - Surface Water</b> |
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| <b>Activity Description</b>   | <b>Update shoreland and floodplain ordinance</b>   |                                 |  |
| <b>Activity Category</b>  | Administration/Coordination  | Capital Improvement Project?    | <b>No</b>  |
| <b>Source of State Contribution</b>                                     | NRBG Shoreland   | Estimated # of FTEs             | <b>0.2</b>   |
| <b>Total Requested Biennial State Contribution</b>                      | \$6,000.00   | Estimated Number of Practices   |  |
| <b>Estimated Leveraged Funds</b>  | \$0.00   | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| <b>Projects &amp; Activities Budget</b>                                 | \$6,000.00   | Action or Objective (from plan) | <b>RROWOP 3.3.2.2 Action</b>   |
| <b>Describe how this activity could be accomplished in the biennium</b> | Revise the model shoreland ordinance to reflect the needs to the County. Update floodplain ordinance to reflect expected FEMA map updates. Facilitate required reviews and hold required hearings. |                                 |  |

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| <b>Water Resource Name</b>  | <b>Organization Wide - Surface &amp; Ground Water</b>  |                                 |  |
| <b>Activity Description</b>   | <b>Assist citizens with technical/administrative requirements of a wetland. Use soil/vegetation/hydrology for wetland determinations and review. Coordinate with other agencies.</b> |                                 |  |
| <b>Activity Category</b>  | Wetland Restoration/Creation   | Capital Improvement Project?    | <b>No</b>  |
| <b>Source of State Contribution</b>                                     | NRBG WCA   | Estimated # of FTEs             |  |
| <b>Total Requested Biennial State Contribution</b>                      | \$35,000.00  | Estimated Number of Practices   | <b>0</b>   |
| <b>Estimated Leveraged Funds</b>  | \$35,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| <b>Projects &amp; Activities Budget</b>                                 | \$70,000.00  | Action or Objective (from plan) | <b>RROWOP section 3.3.2.3 Resource Concern: Wetlands</b>                   |
| <b>Describe how this activity could be accomplished in the biennium</b> | Houston County is the LGU for WCA implementation, and is assisted by the RRSWCD to provide technical assistance to landowners.   |                                 |  |

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| <b>Water Resource Name</b>                         | <b>Organization Wide - Surface &amp; Ground Water</b>   |                                 |  |
| <b>Activity Description</b>                        | <b>The County participates in a Joint Powers Agreement and contributes to water-planning at the watershed level. A plan has been adopted and will need ongoing maintenance and updates.</b> |                                 |  |
| <b>Activity Category</b>                           | Administration/Coordination   | Capital Improvement Project?    | <b>No</b>  |
| <b>Source of State Contribution</b>                | NRBG Water Plan   | Estimated # of FTEs             | <b>0.2</b>   |
| <b>Total Requested Biennial State Contribution</b> | \$30,000.00   | Estimated Number of Practices   |  |
| <b>Estimated Leveraged Funds</b>                   | \$8,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| <b>Projects &amp; Activities Budget</b>            | \$38,000.00   | Action or Objective (from plan) | <b>RROWOP</b>  |

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| Describe how this activity could be accomplished in the biennium | As the strategies incorporated in the RROWOP are implemented, potential areas for improvement or future include my become evident. A working document will be maintained to assisted in future revisions of the current plan. |
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| Water Resource Name  | <b>Organization Wide - Ground Water</b>   |                                 |  |
| Activity Description   | <b>Enforce environmental quality standards set fourth in M.R. 7080 to ensure that ground water is protected. Update procedures for taking maintenance performed on advanced systems.</b>  |                                 |  |
| Activity Category  | Subsurface Sewage Treatment Systems   | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | NRBG SSTS   | Estimated # of FTEs             |  |
| Total Requested Biennial State Contribution                      | \$64,480.00   | Estimated Number of Practices   | <b>0</b>   |
| Estimated Leveraged Funds  | \$0.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only)   |
| Projects & Activities Budget                                     | \$64,480.00   | Action or Objective (from plan) | <b>RROWOP Strategy 3.3.1.1 Action GW-1.5: Use existing land use and zoning ordinances to manage possible sources of nitrate contamination.</b> |
| Describe how this activity could be accomplished in the biennium | Houston County will undertake preliminary soils reviews and installation inspections on all new and upgraded SSTS. Procedures for tracking maintenance performed on advanced systems will be build into the County's permitted software (currently under development). Additional staff persons will become certified as inspectors, allow for needed redundancies within the County. |                                 |  |

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| Water Resource Name                         | <b>Organization Wide - Surface &amp; Ground Water</b>   |                                 |  |
| Activity Description                        | <b>Provide technical and financial assistance to facilitate runoff reduction at feedlots with fewer than 500 animal units</b> |                                 |  |
| Activity Category                           | Administration/Coordination   | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                | MN Pollution Control Agency   | Estimated # of FTEs             | <b>0.2</b>   |
| Total Requested Biennial State Contribution | \$50,000.00   | Estimated Number of Practices   |  |
| Estimated Leveraged Funds                   | \$50,000.00   | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                | \$100,000.00  | Action or Objective (from plan) | <b>RROWOP Section 3.3.2.1 Action Item SW-5.6:</b>                          |

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|  |   |  | <p>Implement feedlot runoff controls that reduce nitrogen loading of waterbodies by treating or reducing runoff of contaminated water.</p> <p><b>RROWOP Section 3.3.1.1<br/>Action GW-1.9: Implement BMPs within priority locations which reduce vertical movement of nitrate into groundwater.</b></p> |
| Describe how this activity could be accomplished in the biennium | County staff will identify potential sites in high priority areas, and work with producers to determine interest and access technical resources. Eligible sites will be provided cost share to implement fixes. |  |   |

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| Water Resource Name  | <b>Organization Wide - Ground Water</b>  |                                 |   |
| Activity Description   | <b>Update existing non-conforming SSTS systems</b>   |                                 |   |
| Activity Category  | Subsurface Sewage Treatment Systems  | Capital Improvement Project?    | <b>No</b>   |
| Source of State Contribution                                     | NRBG SSTS  | Estimated # of FTEs             |   |
| Total Requested Biennial State Contribution                      | \$37,200.00  | Estimated Number of Practices   | <b>0</b>  |
| Estimated Leveraged Funds  | \$0.00   | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only)  |
| Projects & Activities Budget                                     | \$37,200.00  | Action or Objective (from plan) | <b>RROWOP Section 3.3.5.3<br/>Action SUST--3.7: Provide technical and financial assistance to bring SSTS into compliance to reduce improper waste disposal from small, unsewered communities, and homes with inadequate wastewater treatment.</b> |
| Describe how this activity could be accomplished in the biennium | The County will require replacement of SSTS systems that are found to be failing, and provide assistance to homeowners wishing to update non-conforming systems. |                                 |   |

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| Water Resource Name  | <b>Organization Wide - Ground Water</b>   |                                 |  |
| Activity Description   | <b>Facilitate AgBMP loans to homeowners who wish to upgrade non-conforming SSTs.</b>  |                                 |  |
| Activity Category  | Administration/Coordination   | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | MN Dept. of Agriculture   | Estimated # of FTEs             | <b>0.2</b>   |
| Total Requested Biennial State Contribution                      | \$40,000.00   | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$0.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only)   |
| Projects & Activities Budget                                     | \$40,000.00   | Action or Objective (from plan) | <b>RROWOP Section 3.3.6.2<br/>Action WI-4.1: Provide technical and financial assistance to bring SSTs into compliance to reduce improper waste disposal from small, unsewered communities, and home with inadequate wastewater treatment, in particular those that are Imminent Public Health Threats.</b> |
| Describe how this activity could be accomplished in the biennium | Working with local lending institutions, contractors, and homeowners, the county administers the County will provide information and certify project eligibility for AgBMP loans. |                                 |  |