



## Grant All-Detail Report LWM-NRBG 2021

**Grant Title** - 2021 - Local Water Management - NRBG (Lyon County)

**Grant ID** - P21-6572

**Organization** - Lyon County

|                         |                    |                          |                  |
|-------------------------|--------------------|--------------------------|------------------|
| Original Awarded Amount | <b>\$13,689.00</b> | Grant Execution Date     | <b>9/23/2019</b> |
| Required Match Amount   | \$0.00             | Original Grant End Date  | 12/31/2022       |
| Required Match %        | 0%                 | Grant Day To Day Contact | Anita Cauwels    |
| Current Awarded Amount  | \$13,689.00        | Current End Date         | 12/31/2022       |

### Budget Summary

|                    | Budgeted           | Spent              | Balance Remaining* |
|--------------------|--------------------|--------------------|--------------------|
| Total Grant Amount | \$2,161.67         | \$2,161.67         | \$11,527.33        |
| Total Match Amount | \$0.00             | \$0.00             | \$0.00             |
| Total Other Funds  | \$50,226.53        | \$50,226.53        | \$0.00             |
| <b>Total</b>       | <b>\$52,388.20</b> | <b>\$52,388.20</b> | <b>\$11,527.33</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 |
|----------------------------------|------------------------|-------------|--|-------------|-------------|-----------------------|---------------|
| Carr Farms - Island Lake 1 - BMP | Agricultural Practices | Other Funds | 2020 - Conservation Delivery (Lyon SWCD)           | \$16,019.26 | \$16,019.26 | 5/20/2021             | N             |
| Carr Farms - Island Lake 1 - BMP | Agricultural Practices | Other Funds | 2020 - Local Water Management - NRBG (Lyon County) | \$2,578.20  | \$2,578.20  | 5/20/2021             | N             |

| Activity Name                    | Activity Category      | Source Type         | Source Description  | Budgeted   | Spent      | Last Transaction Date | Matching Fund |
|----------------------------------|------------------------|---------------------|---|------------|------------|-----------------------|---------------|
| Carr Farms - Island Lake 1 - BMP | Agricultural Practices | Other Funds         | 2020 - SWCD Local Capacity Services (Lyon SWCD)                     | \$4,586.71 | \$4,586.71 | 5/20/2021             | N             |
| Carr Farms - Island Lake 1 - BMP | Agricultural Practices | Other Funds         | 2020 - State Cost-Share Fund (Lyon SWCD)                            | \$2,923.33 | \$2,923.33 | 5/20/2021             | N             |
| Carr Farms - Island Lake 1 - BMP | Agricultural Practices | Other Funds         | Landowner Contribution  | \$8,702.50 | \$8,702.50 | 5/18/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Current State Grant | 2021 - Local Water Management - NRBG (Lyon County)                  | \$811.67   | \$811.67   | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | 2020 - Local Water Management - NRBG (Lyon County)                  | \$146.70   | \$146.70   | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | 2020 - SWCD Local Capacity Services (Lyon SWCD)                     | \$811.41   | \$811.41   | 2/26/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | 2020 - State Cost-Share Fund (Lyon SWCD)                            | \$485.86   | \$485.86   | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | 2021 - State Cost-Share Fund (Lyon SWCD)                            | \$7,481.28 | \$7,481.28 | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | Landowner Contribution  | \$1,622.82 | \$1,622.82 | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | Lyon County - Local Funds   | \$811.41   | \$811.41   | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | Yellow Medicine River Watershed District - Cost-Share Funds         | \$2,434.23 | \$2,434.23 | 2/16/2021             | N             |
| James & Helen Rokeh - BMP        | Agricultural Practices | Other Funds         | Yellow Medicine River Watershed District - County Tax Appropriation | \$1,622.82 | \$1,622.82 | 2/16/2021             | N             |
| Well Sealing - Ben Ludeman       | Groundwater            | Current State Grant | 2021 - Local Water Management - NRBG (Lyon County)                  | \$462.50   | \$462.50   | 2/16/2021             | N             |
| Well Sealing - David Halfmann    | Groundwater            | Current State Grant | 2021 - Local Water Management - NRBG (Lyon County)                  | \$500.00   | \$500.00   | 10/28/2021            | N             |

| Activity Name              | Activity Category | Source Type         | Source Description                                 | Budgeted | Spent    | Last Transaction Date | Matching Fund |
|----------------------------|-------------------|---------------------|--|----------|----------|-----------------------|---------------|
| Well Sealing- Jon Jeseritz | Groundwater       | Current State Grant | 2021 - Local Water Management - NRBG (Lyon County) | \$387.50 | \$387.50 | 10/28/2021            | N             |

### Activity Details Summary

| Activity Details                       | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|--|--------------------|-----------------------|----------------------|--------------------|
| 351 - Well Decommissioning             | 3                  | 3                     | 1 COUNT              | 1 COUNT            |
| 638 - Water and Sediment Control Basin | 2                  | 2                     | 938 LINEAR FEET      | 938 LINEAR FEET    |
| 638 - Water and Sediment Control Basin | 5                  | 5                     | 955 LINEAR FEET      | 955 LINEAR FEET    |

### Proposed Activity Indicators

| Activity Name | Indicator Name | Value & Units | Waterbody | Calculation Tool | Comments |
|---------------|----------------|---------------|-----------|------------------|----------|
|---------------|----------------|---------------|-----------|------------------|----------|

### Final Indicators Summary

| Indicator Name              | Total Value | Unit    |
|-----------------------------|-------------|---------|
| PREVENTION                  | 3.00        | COUNT   |
| SEDIMENT (TSS)              | 19.90       | TONS/YR |
| PHOSPHORUS (EST. REDUCTION) | 19.90       | LBS/YR  |
| SOIL (EST. SAVINGS)         | 66.45       | TONS/YR |

## Grant Activity

| Grant Activity - James & Helen Rokeh - BMP |   |          |           |
|--|---|----------|-----------|
| Description                                | SWCD contract #34/20: cost-share for 2 water & sediment control basins and underground outlet to control gully erosion.   |          |           |
| Category                                   | AGRICULTURAL PRACTICES  |          |           |
| Start Date                                 | 20-Oct-20   | End Date | 16-Feb-21 |
| Has Rates and Hours?                       | No  |          |           |
| Actual Results                             | 2 water and sediment control basins with underground outlet to control gully erosion. Linked cost-share funds between following grants: FY2020 Local Water Management (NRBG), FY2021 Local Water Management (NRBG), FY2020 State Cost-Share, FY2021 State Cost-Share. |          |           |

| Activity Action - James & Helen Rokeh 0 BMP |   |                               |           |
|---|---|-------------------------------|-----------|
| Practice                                    | 638 - Water and Sediment Control Basin  | Count of Activities           | 2         |
| Description                                 | 2 water & sediment control basin and underground outlet to control gully erosion. |                               |           |
| Proposed Size / Units                       | 938.00 LINEAR FEET  | Lifespan                      | 10 Years  |
| Actual Size/Units                           | 938.00 LINEAR FEET  | Installed Date                | 16-Feb-21 |
| Mapped Activities                           | 2 Point(s)  | Technical Assistance Provider | TSA       |

| Final Indicator for James & Helen Rokeh 0 BMP |   |                  |                                 |
|---|---|------------------|---------------------------------|
| Indicator Name                                | SEDIMENT (TSS)                                | Value            | 3.37                            |
| Indicator Subcategory/Units                   | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                     | 070200040601                                  |                  |                                 |

| Final Indicator for James & Helen Rokeh 0 BMP |  |                  |                                 |
|---|--|------------------|---------------------------------|
| Indicator Name                                | PHOSPHORUS (EST. REDUCTION)                  | Value            | 3.37                            |
| Indicator Subcategory/Units                   | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                     | 070200040601                                 |                  |                                 |

| Final Indicator for James & Helen Rokeh 0 BMP |   |                  |                                 |
|---|---|------------------|---------------------------------|
| Indicator Name                                | SOIL (EST. SAVINGS)                           | Value            | 19.23                           |
| Indicator Subcategory/Units                   | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                     | 070200040601                                  |                  |                                 |

| Grant Activity - Well Sealing - Ben Ludeman |   |          |           |
|---|---|----------|-----------|
| Description                                 | #01/21 - Ben Ludeman - Well Decommissioning of 123 foot 5" Well |          |           |
| Category                                    | GROUNDWATER   |          |           |
| Start Date                                  | 10-Dec-20   | End Date | 15-Dec-20 |
| Has Rates and Hours?                        | No  |          |           |
| Actual Results                              | 01/21 - Ben Ludeman - Well Decommissioning of 123 foot 5" Well  |          |           |

| Activity Action - Well Sealing - Ben Ludeman |                            |                               |               |
|--|----------------------------|-------------------------------|---------------|
| Practice                                     | 351 - Well Decommissioning | Count of Activities           | 1             |
| Description                                  | Sealing of 123' 5" Well    |                               |               |
| Proposed Size / Units                        | 1.00 COUNT                 | Lifespan                      | In Perpetuity |
| Actual Size/Units                            | 1.00 COUNT                 | Installed Date                | 15-Dec-20     |
| Mapped Activities                            | 1 Point(s)                 | Technical Assistance Provider | SWCD          |

| Final Indicator for Well Sealing - Ben Ludeman |                            |                  |         |
|--|----------------------------|------------------|---------|
| Indicator Name                                 | PREVENTION                 | Value            | 1       |
| Indicator Subcategory/Units                    | POLLUTION PREVENTION COUNT | Calculation Tool | Unknown |
| Waterbody                                      | Groundwater                |                  |         |

| Grant Activity - Well Sealing - David Halfmann |  |          |           |
|--|--|----------|-----------|
| Description                                    | #10/21 - Well Decommissioning of 54' deep, 14" well for David Halfmann. Cement and top tile removed. |          |           |
| Category                                       | GROUNDWATER  |          |           |
| Start Date                                     | 13-Sep-21  | End Date | 14-Sep-21 |
| Has Rates and Hours?                           | No   |          |           |
| Actual Results                                 | #10/21 - Well Decommissioning of 54' deep, 14" well for David Halfmann. Cement and top tile removed. |          |           |

| Activity Action - Well Sealing - David Halfmann |                            |                               |               |
|---|----------------------------|-------------------------------|---------------|
| Practice  | 351 - Well Decommissioning | Count of Activities           | 1             |
| Description                                     | Seal 14" well, 54" deep    |                               |               |
| Proposed Size / Units                           | 1.00 COUNT                 | Lifespan                      | In Perpetuity |
| Actual Size/Units                               | 1.00 COUNT                 | Installed Date                | 13-Sep-21     |
| Mapped Activities                               | 1 Point(s)                 | Technical Assistance Provider | SWCD          |

| Final Indicator for Well Sealing - David Halfmann |                            |                  |         |
|---|----------------------------|------------------|---------|
| Indicator Name                                    | PREVENTION                 | Value            | 1       |
| Indicator Subcategory/Units                       | POLLUTION PREVENTION COUNT | Calculation Tool | Unknown |
| Waterbody   | Groundwater                |                  |         |

| Grant Activity - Well Sealing- Jon Jeseritz |  |          |  |
|---|--|----------|--|
| Description                                 | #09/21 - Jon Jeseritz - Well Sealing 4", 73' Deep Well |          |  |
| Category                                    | GROUNDWATER  |          |  |
| Start Date                                  |  | End Date |  |
| Has Rates and Hours?                        | No   |          |  |
| Actual Results                              |  |          |  |

| Activity Action - Well Sealing - Jon Jeseritz |  |                               |               |
|---|--|-------------------------------|---------------|
| Practice                                      | 351 - Well Decommissioning                                       | Count of Activities           | 1             |
| Description                                   | #09/21 - Well Decommissioning - 4", 73' Deep Well - Jon Jeseritz |                               |               |
| Proposed Size / Units                         | 1.00 COUNT   | Lifespan                      | In Perpetuity |
| Actual Size/Units                             | 1.00 COUNT   | Installed Date                | 7-Sep-21      |
| Mapped Activities                             | 1 Point(s)   | Technical Assistance Provider | SWCD          |

| Final Indicator for Well Sealing - Jon Jeseritz |                            |                  |         |
|---|----------------------------|------------------|---------|
| Indicator Name                                  | PREVENTION                 | Value            | 1       |
| Indicator Subcategory/Units                     | POLLUTION PREVENTION COUNT | Calculation Tool | Unknown |
| Waterbody                                       | Groundwater                |                  |         |

## Grant Attachments

| Document Name   | Document Type      | Description   |
|---|--------------------|---|
| <b>2020/2021 Natural Resources Block Grant</b>          | Grant Agreement    | 2020/2021 Natural Resources Block Grant - Lyon County |
| <b>2020/2021 Natural Resources Block Grant EXECUTED</b> | Grant Agreement    | 2020/2021 Natural Resources Block Grant - Lyon County |
| <b>All Details Report</b>                               | Workflow Generated | Workflow Generated - All Details Report - 01/06/2021  |
| <b>All Details Report</b>                               | Workflow Generated | Workflow Generated - All Details Report - 01/11/2021  |
| <b>All Details Report</b>                               | Workflow Generated | Workflow Generated - All Details Report - 01/21/2022  |
| <b>All Details Report</b>                               | Workflow Generated | Workflow Generated - All Details Report - 10/16/2019  |
| <b>All Details Report</b>                               | Workflow Generated | Workflow Generated - All Details Report - 10/25/2019  |