



## Grant All-Detail Report Cost Share Base 2014

**Grant Title** - 2014 - State Cost-Share Fund (Murray SWCD)

**Grant ID** - P14-1473

**Organization** - Murray SWCD

|                              |                    |                                 |              |
|------------------------------|--------------------|---------------------------------|--------------|
| <b>Grant Awarded Amount</b>  | <b>\$10,884.00</b> | <b>Grant Execution Date</b>     |              |
| <b>Required Match Amount</b> | \$2,721.00         | <b>Grant End Date</b>           | 12/31/2016   |
| <b>Required Match %</b>      | 25%                | <b>Grant Day To Day Contact</b> | Shelly Lewis |

### Budget Summary

|                    | Budgeted           | Spent              | Balance Remaining* |
|--------------------|--------------------|--------------------|--------------------|
| Total Grant Amount | \$10,884.00        | \$10,884.00        | \$0.00             |
| Total Match Amount | \$6,783.29         | \$6,783.29         | \$0.00             |
| Total Other Funds  | \$15,981.39        | \$15,981.39        | \$0.00             |
| <b>Total</b>       | <b>\$33,648.68</b> | <b>\$33,648.68</b> | <b>\$0.00</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 | Match |
|------------------------|------------------------|---------------------|--|------------|------------|-----------------------|-------|
| 2014 Technical C-S     | Agricultural Practices | Current State Grant | 2014 - state cost-share fund (murray swcd) | \$1,343.01 | \$1,343.01 | 12/8/2016             | N     |
| Dennis Plaetz Waterway | Agricultural Practices | Current State Grant | 2014 - State Cost-Share Fund (Murray SWCD) | \$1,914.00 | \$1,914.00 | 1/9/2014              | N     |

| Activity Name               | Activity Category      | Source Type         | Source Description                         | Budgeted   | Spent      | Last Transaction |       |
|-----------------------------|------------------------|---------------------|--|------------|------------|------------------|-------|
|                             |                        |                     |  |            |            | Date             | Match |
| Dennis Plaetz Waterway      | Agricultural Practices | Landowner Fund      | Landowner Fund 2014                        | \$652.04   | \$652.04   | 1/9/2014         | Y     |
| Dennis Plaetz Waterway      | Agricultural Practices | Other Funds         | 2012 cost share base grant - murray (swcd) | \$4,158.00 | \$4,158.00 | 1/9/2014         | N     |
| Dennis Plaetz Waterway      | Agricultural Practices | Other Funds         | Landowner Contribution 2012                | \$1,372.14 | \$1,372.14 | 1/9/2014         | Y     |
| Douglas Fey Terraces        | Agricultural Practices | Current State Grant | 2014 - State Cost-Share Fund (Murray SWCD) | \$3,093.75 | \$3,093.75 | 7/15/2016        | N     |
| Douglas Fey Terraces        | Agricultural Practices | Landowner Fund      | Landowner Fund                             | \$4,106.25 | \$4,106.25 | 6/9/2016         | Y     |
| FY14 Administrative C-S     | Agricultural Practices | Current State Grant | 2014 - State Cost-Share Fund (Murray SWCD) | \$833.79   | \$833.79   | 12/14/2016       | N     |
| Jim Bose Waterway-Cancelled | Agricultural Practices | Current State Grant | 2014 - State Cost-Share Fund (Murray SWCD) | \$0.00     |            |                  | N     |
| Jim Bose Waterway-Cancelled | Agricultural Practices | Other Funds         | 2013 Cost Share Base Grant - Murray (SWCD) | \$0.00     |            |                  | N     |
| Lais Farms, Inc Landowner   | Agricultural Practices | Landowner Fund      | Landowner Fund                             | \$2,025.00 | \$2,025.00 | 12/8/2016        | Y     |
| Lais Farms, Inc Landowner   | Agricultural Practices | Other Funds         | Landowner Fund                             | \$2,025.00 | \$2,025.00 | 12/8/2016        | Y     |
| Lais Farms, Inc.            | Agricultural Practices | Current State Grant | 2014 - State Cost-Share Fund (Murray SWCD) | \$3,699.45 | \$3,699.45 | 12/8/2016        | N     |
| Lais Farms, Inc.            | Agricultural Practices | Other Funds         | 2015 - State Cost-Share Fund (Murray SWCD) | \$8,426.25 | \$8,426.25 | 12/8/2016        | N     |

### Activity Details Summary

| Activity Details                       | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|--|--------------------|-----------------------|----------------------|--------------------|
| 638 - Water and Sediment Control Basin | 2                  | 4                     | 700 LINEAR FEET      | 700 LINEAR FEET    |
| 412 - Grassed Waterway and Swales      | 1                  | 2                     | 260 LINEAR FEET      | 700 LINEAR FEET    |

| Activity Details                       | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|--|--------------------|-----------------------|----------------------|--------------------|
| 412 - Grassed Waterway and Swales      | 1                  | 2                     | 1000 LINEAR FEET     | 1000 LINEAR FEET   |
| 638 - Water and Sediment Control Basin | 3                  | 3                     | 1425 LINEAR FEET     | 1425 LINEAR FEET   |
| 412 - Grassed Waterway and Swales      | 1                  | 2                     | 1000 LINEAR FEET     | 260 LINEAR FEET    |

### Proposed Activity Indicators

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

### Final Indicators Summary

| Indicator Name                     | Total Value | Unit    |
|------------------------------------|-------------|---------|
| <b>SEDIMENT (TSS)</b>              | 59.02       | TONS/YR |
| <b>PHOSPHORUS (EST. REDUCTION)</b> | 67.87       | LBS/YR  |
| <b>SOIL (EST. SAVINGS)</b>         | 306.54      | TONS/YR |

## Grant Activity

| Grant Activity - 2014 Technical C-S |  |          |           |
|-------------------------------------|--|----------|-----------|
| Description                         | The Murray SWCD staff will oversee the Administration and Technical aspects of all State Cost-Share projects. If projects are above a job class approval authority authorized for our office the District will use the Southwest Prairie TSA Engineer-Russell Hoogendoorn; Area II River Basin Ic. Engineer Joe DeSchepper and NRCS Technicians Allisa Wendland, Brian Christiansen, or Cheryl Heard.  |          |           |
| Category                            | AGRICULTURAL PRACTICES   |          |           |
| Start Date                          | 13-Jun-13  | End Date | 08-Dec-16 |
| Has Rates and Hours?                | No   |          |           |
| Actual Results                      | <p>12-05 Dennis Plaetz-\$372.88 (Technical)</p> <p>Howard Konkol (District Technical- Allisa Wendland (NRCS Soil Cons Tech) has TAA. The project was designed and inspected by Allisa Wendland. The project was completed to NRCS-FOTG specifications. Manager) -8hrs @46.61=\$372.88 (Technical - Field Work Site Investigation)</p> <p>Douglas Fey 14-01 &amp; Lais Farms, Inc.14-03 Technical- SWPTSA has TAA. The project was designed and inspected by SWPTSA. The project was completed to NRCS-FOTG specifications. Technical Assistance was \$970.13</p> |          |           |

| Grant Activity - Dennis Plaetz Waterway |  |          |           |
|---|--|----------|-----------|
| Description                             | Dennis Plaetz Waterways located in Des Moines River Section 28           |          |           |
| Category                                | AGRICULTURAL PRACTICES   |          |           |
| Start Date                              | 13-Jun-13  | End Date | 06-Jan-14 |
| Has Rates and Hours?                    | No   |          |           |
| Actual Results                          | Dennis Plaetz installed 3 grass waterways in Des Moines River Section 28 |          |           |

| Activity Action - Dennis Plaetz Waterway |                                   |                     |           |
|--|-----------------------------------|---------------------|-----------|
| Practice                                 | 412 - Grassed Waterway and Swales | Count of Activities | 1         |
| Description                              |                                   |                     |           |
| Proposed Size / Units                    | 1,000.00 LINEAR FEET              | Lifespan            | 10 Years  |
| Actual Size/Units                        | 1,000.00 LINEAR FEET              | Installed Date      | 16-Oct-13 |
| Mapped Activities                        | 2 Polygon(s)                      |                     |           |

| Final Indicator for Dennis Plaetz Waterway |  |                  |                                 |
|--|--|------------------|---------------------------------|
| Indicator Name                             | PHOSPHORUS (EST. REDUCTION)                  | Value            | 19.63                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch  |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SOIL (EST. SAVINGS)                           | Value            | 92.40                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SEDIMENT (TSS)                                | Value            | 17.07                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Activity Action - Dennis Plaetz Waterway |                                   |                     |           |
|--|-----------------------------------|---------------------|-----------|
| Practice                                 | 412 - Grassed Waterway and Swales | Count of Activities | 1         |
| Description                              | Installed grassed waterway        |                     |           |
| Proposed Size / Units                    | 260.00 LINEAR FEET                | Lifespan            | 10 Years  |
| Actual Size/Units                        | 700.00 LINEAR FEET                | Installed Date      | 16-Oct-13 |
| Mapped Activities                        | 2 Polygon(s)                      |                     |           |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SEDIMENT (TSS)                                | Value            | 15.90                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |  |                  |                                 |
|--|--|------------------|---------------------------------|
| Indicator Name                             | PHOSPHORUS (EST. REDUCTION)                  | Value            | 18.28                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch  |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SOIL (EST. SAVINGS)                           | Value            | 80.64                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Activity Action - Dennis Plaetz Waterway |                                   |                     |           |
|--|-----------------------------------|---------------------|-----------|
| Practice                                 | 412 - Grassed Waterway and Swales | Count of Activities | 1         |
| Description                              |                                   |                     |           |
| Proposed Size / Units                    | 1,000.00 LINEAR FEET              | Lifespan            | 10 Years  |
| Actual Size/Units                        | 260.00 LINEAR FEET                | Installed Date      | 16-Oct-13 |
| Mapped Activities                        | 2 Polygon(s)                      |                     |           |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SOIL (EST. SAVINGS)                           | Value            | 37.80                           |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                             | SEDIMENT (TSS)                                | Value            | 6.98                            |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch   |                  |                                 |

| Final Indicator for Dennis Plaetz Waterway |  |                  |                                 |
|--|--|------------------|---------------------------------|
| Indicator Name                             | PHOSPHORUS (EST. REDUCTION)                  | Value            | 8.03                            |
| Indicator Subcategory/Units                | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                  | Ditch  |                  |                                 |

| Grant Activity - Douglas Fey Terraces |   |          |           |
|---------------------------------------|---|----------|-----------|
| Description                           | Douglas Fey Terraces  |          |           |
| Category                              | AGRICULTURAL PRACTICES  |          |           |
| Start Date                            | 12-Nov-15   | End Date | 09-Jun-16 |
| Has Rates and Hours?                  | No  |          |           |
| Actual Results                        | Doug Fey completed the installation of 3 Water and Sediment Control Basins located in Chanarambie Township Section 16 W1/2 SW1/4. |          |           |

| Activity Action - Douglas Fey-Basins |  |                     |          |
|--------------------------------------|--|---------------------|----------|
| Practice                             | 638 - Water and Sediment Control Basin | Count of Activities | 3        |
| Description                          |  |                     |          |
| Proposed Size / Units                | 1,425.00 LINEAR FEET                   | Lifespan            | 10 Years |
| Actual Size/Units                    | 1,425.00 LINEAR FEET                   | Installed Date      | 9-Jun-16 |
| Mapped Activities                    | 3 Point(s)                             |                     |          |

| Final Indicator for Douglas Fey-Basins |  |                  |                                 |
|--|--|------------------|---------------------------------|
| Indicator Name                         | PHOSPHORUS (EST. REDUCTION)                  | Value            | 13.60                           |
| Indicator Subcategory/Units            | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                              | ditch  |                  |                                 |

| Final Indicator for Douglas Fey-Basins |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                         | SEDIMENT (TSS)                                | Value            | 11.83                           |
| Indicator Subcategory/Units            | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                              | ditch   |                  |                                 |

| Final Indicator for Douglas Fey-Basins |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                         | SOIL (EST. SAVINGS)                           | Value            | 65.10                           |
| Indicator Subcategory/Units            | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                              | ditch   |                  |                                 |

| Grant Activity - FY14 Administrative C-S |   |          |           |
|--|---|----------|-----------|
| Description                              | FY14 Administrative Cost-Share  |          |           |
| Category                                 | AGRICULTURAL PRACTICES  |          |           |
| Start Date                               | 16-Sep-13   | End Date | 14-Dec-16 |
| Has Rates and Hours?                     | No  |          |           |
| Actual Results                           | Administrative Work on State Cost-Share Contracts which includes-cost-share application, voucher for bills, eLink reporting:<br>Shelly Lewis (District Secretary)<br>6.4756hours @31.76=205.62<br>20.39 hours @30.81=628.17<br>total \$833.79 |          |           |

| Grant Activity - Jim Bose Waterway-Cancelled |   |          |  |
|--|---|----------|--|
| Description                                  | Jim Bose waterway-project was cancelled |          |  |
| Category                                     | AGRICULTURAL PRACTICES                  |          |  |
| Start Date                                   | 14-Nov-13                               | End Date |  |
| Has Rates and Hours?                         | No                                      |          |  |
| Actual Results                               | Jim Bose project was cancelled          |          |  |

| Grant Activity - Lais Farms, Inc Landowner |  |          |           |
|--|--|----------|-----------|
| Description                                | Lais Farms, Inc Landowner                          |          |           |
| Category                                   | AGRICULTURAL PRACTICES                             |          |           |
| Start Date                                 | 13-Oct-16  | End Date | 08-Dec-16 |
| Has Rates and Hours?                       | No   |          |           |
| Actual Results                             | Lais Farms, Inc (Jeff Lais) Landowner Contribution |          |           |



| Grant Activity - Lais Farms, Inc. |   |          |           |
|-----------------------------------|---|----------|-----------|
| Description                       | Lais Farms, Inc.-basins in sw1/4 section 31 Fenton Township   |          |           |
| Category                          | AGRICULTURAL PRACTICES  |          |           |
| Start Date                        | 13-Oct-16   | End Date | 08-Dec-16 |
| Has Rates and Hours?              | No  |          |           |
| Actual Results                    | Lais Farms, Inc (Jeff Lais) installed 2 Sediment basins in the SW1/4 of section 31 Fenton Township. |          |           |

| Activity Action - Lais Sediment Basins |  |                     |          |
|--|--|---------------------|----------|
| Practice                               | 638 - Water and Sediment Control Basin | Count of Activities | 2        |
| Description                            | installed 2 sediment basins            |                     |          |
| Proposed Size / Units                  | 700.00 LINEAR FEET                     | Lifespan            | 10 Years |
| Actual Size/Units                      | 700.00 LINEAR FEET                     | Installed Date      | 8-Dec-16 |
| Mapped Activities                      | 4 Point(s)                             |                     |          |

| Final Indicator for Lais Sediment Basins |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                           | SOIL (EST. SAVINGS)                           | Value            | 30.6                            |
| Indicator Subcategory/Units              | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                | stream  |                  |                                 |

| Final Indicator for Lais Sediment Basins |   |                  |                                 |
|--|---|------------------|---------------------------------|
| Indicator Name                           | SEDIMENT (TSS)                                | Value            | 7.24                            |
| Indicator Subcategory/Units              | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                | stream  |                  |                                 |

| Final Indicator for Lais Sediment Basins |  |                  |                                 |
|--|--|------------------|---------------------------------|
| Indicator Name                           | PHOSPHORUS (EST. REDUCTION)                  | Value            | 8.33                            |
| Indicator Subcategory/Units              | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody                                | stream                                       |                  |                                 |

## Grant Attachments

| Document Name           | Document Type | Description                |
|-------------------------|---------------|----------------------------|
| 3/24/14 reporting email | Journal       | Journal Dated - 03/24/2014 |

| Document Name   | Document Type      | Description  |
|---|--------------------|--|
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 02/26/2014   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 01/27/2014   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 01/06/2017   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 02/22/2016   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 02/03/2016   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 01/26/2016   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 03/24/2014   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 04/03/2014   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 04/14/2014   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 01/28/2015   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 02/17/2015   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 03/03/2015   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 03/05/2015   |
| <b>All Details Report</b>                                     | Workflow Generated | Workflow Generated - All Details Report - 01/21/2016   |
| <b>Amendment</b>  | Grant Agreement    | FY 14 SWCD Program and Operations Grants - Murray SWCD |
| <b>FY14 CS - Murray Amendment Draft</b>                       | Journal            | Journal Dated - 12/12/2016                             |
| <b>FY14 CS - Murray SWCD Amend Req</b>                        | Journal            | Journal Dated - 12/12/2016                             |
| <b>FY14 CS - Murray SWCD Amendment - District Signed Only</b> | Journal            | Journal Dated - 12/12/2016                             |
| <b>FY14 SWCD Program and Operations Grant</b>                 | Grant Agreement    | FY 14 SWCD Program and Operations Grants - Murray SWCD |
| <b>FY14 SWCD Program and Operations Grant executed</b>        | Grant Agreement    | FY 14 SWCD Program and Operations Grants - Murray SWCD |
| <b>Financial Report</b>                                       | Grant              | 2014 - State Cost-Share Fund (Murray SWCD)             |
| <b>reporting email</b>  | Journal            | Journal Dated - 02/26/2014                             |