



west virginia department of environmental protection

Division of Mining and Reclamation
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Austin Caperton, Cabinet Secretary
dep.wv.gov

December 18, 2019

The Honorable Mitch Carmichael, Chair
The Honorable Roger Hanshaw, Chair
Joint Committee on Government and Finance
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

Dear President Carmichael and Speaker Hanshaw:

Enclosed is a compilation of receipts and expenditures from the Stream Restoration Fund (SRF) for fiscal years 1999 through 2019, as required by WV Code §22-11-7a(2)(D). Expenditures for each fiscal year have been itemized. The following is activity for fiscal year 2019:

- Expenditures - During fiscal year 2019 \$307,726 was deposited into the SRF and \$71,314 was expended from the fund. Expenditures consisted of \$66,808 to the West Virginia Conservation Agency for administration of stream restoration projects in Boone, Clay, Greenbrier, and Nicholas counties; \$3,804 for monitoring of the Winding Gulf project Raleigh County; and \$702 for miscellaneous expenses.
- Acres of Streams Reclaimed – Design work was performed on approximately 2 miles of Lower Coal River. Invasive species treatment for knotweed control was performed on 350 feet of stream on Winding Gulf. Approximately 1 acre of stream had been previously reclaimed on Winding Gulf.
- Effectiveness of Stream Restoration –The Lower Coal River (Main Stem) Project is a continuation of the highly successful stream restoration and enhancement work that was previously completed on the Little Coal River. Civil and Environmental Consultants (CEC) performed bathymetric and side-scan sonar surveys, topographical and aerial photography, LiDAR, and Hydraulic & Hydrologic (H&H) Impact Analysis on the Lower Coal River to prepare mapping and design for the restoration and enhancement of approximately 2 miles of stream. The final design and permit package were completed in the Spring of 2019. Army Corp of Engineers (ACOE) and the WV Department of

Promoting a healthy environment.

Natural Resources (WVDNR) permits are expected to be approved by September 2019. The project will be bid out in early 2020 with an estimated construction cost of \$950,000.


Buffalo Creek is a trout fishery running along a developing rail trail near Clay, WV. The project consists of stream restoration and enhancement along approximately 2,500 feet of Buffalo Creek with a budget of \$150,000. The project design and survey work were submitted and approved by the ACOE in January 2018. However, delays in obtaining land access from the landowner and stream conditions prevented the construction activity to begin in the fiscal year. Construction is expected to be completed by September 2019.

Phase 1 of the South Fork of Cherry stream restoration project was completed prior to FY2019. Phase 2 of the Project was approved for an additional \$200,000 to continue the work. Survey and design work are currently ongoing.

Approximately 1 acre of stream has been effectively reclaimed through the Winding Gulf Project.

Should you have any questions or require additional information, please contact me at (304) 926-0490.

Sincerely,


Harold D. Ward
Deputy Secretary

HDW/ch

C: Melinda Campbell
John Vernon
Craig Hatcher
Legislative Auditor

Fund 3349 Stream Restoration (Fiscal Years 1999-2019)

| <u>Fiscal Year</u> | <u>Receipts</u> | <u>Expenditures</u> |
|--------------------|-----------------|---------------------|
| 1999 | \$799,575 | \$0 |
| 2000 | \$606,581 | \$0 |
| 2001 | \$540,324 | \$0 |
| 2002 | \$252,441 | \$3,133 |
| 2003 | \$159,155 | \$462,508 |
| 2004 | \$675,905 | \$1,440,133 |
| 2005 | \$301,146 | \$125,710 |
| 2006 | \$293,174 | \$458,565 |
| 2007 | \$1,413,396 | \$296,906 |
| 2008 | \$824,952 | \$317,257 |
| 2009 | \$8,988,752 | \$343,231 |
| 2010 | \$3,299,729 | \$264,615 |
| 2011 | \$1,119,345 | \$443,625 |
| 2012 | \$2,393,806 | \$1,247,443 |
| 2013 | \$1,287,449 | \$4,439,388 |
| 2014 | \$860,587 | \$2,618,613 |
| 2015 | \$434,384 | \$2,769,686 |
| 2016 | \$253,261 | \$290,203 |
| 2017 | \$534,201 | \$2,082,305 |
| 2018 | \$260,560 | \$4,076,684 |
| 2019 | \$307,726 | \$71,314 |

Commitments: Buffalo Creek (Logan Co.) \$60,000, Canaan Valley Institute \$8,898, Lower Coal River Restoration Project \$940,000
Winding Gulf (Raleigh County) \$500,000

Fund 3349 Stream Restoration Expenditures by Project

| <u>Project</u> | <u>FY02-11</u> | <u>FY 2012</u> | <u>FY 2013</u> | <u>FY2014</u> | <u>FY2015</u> | <u>FY2016</u> | <u>FY2017</u> | <u>FY2018</u> | <u>FY2019</u> | <u>Project Totals</u> |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|-----------------|-----------------------|
| Chief Logan Dam | \$1,905,774 | | | | | | | | | \$1,905,774 |
| Dunloup Creek/Kilsyth Sewage Treatment Project | \$325,000 | | | | | | | | | \$325,000 |
| Wallback Dam | \$405,101 | | | | | | | | | \$405,101 |
| Laurel Lake Dredging Project | \$96,820 | | | | | | | | | \$96,820 |
| Ohley Stream Bank Restoration | \$101,467 | | | | | | | | | \$101,467 |
| Devils Fork Treatment System | \$104,851 | \$43,982 | \$9,059 | | | | | | | \$157,892 |
| Logan Flood Plain Initiative | \$185,000 | | | | | | | | | \$185,000 |
| Summerlee AMD Treatment | \$50,000 | | | | | | | | | \$50,000 |
| Stream Partners Sub-Grants | \$267,280 | | | | | | | | | \$267,280 |
| Evaluation of Little Coal River | \$165,000 | \$109,991 | \$110,000 | \$55,000 | | | | | | \$439,991 |
| Ashland Wastewater Treatment Plant | \$149,127 | | | | | | | | | \$149,127 |
| Lambert Run | \$57,451 | | \$79,059 | \$19,863 | | | | | | \$156,373 |
| Barton Branch | \$634 | \$50,520 | \$71,017 | \$13,741 | \$12,627 | | \$89,367 | | | \$237,906 |
| Nonpoint Source Remediation | \$314,897 | \$446,920 | \$296,985 | \$1,259,473 | \$324,588 | \$614,739 | \$332,096 | \$3,129 | \$3,804 | \$3,596,631 |
| Lower Davis Creek Restoration | | \$31,885 | \$38,020 | \$17,060 | | | | | | \$86,965 |
| WV Conservation Agency | | \$204,300 | | | | | \$77,500 | \$69,676 | \$66,808 | \$418,284 |
| Little Coal River Design | | \$301,300 | \$749,539 | \$1,232,402 | \$1,745,584 | -\$427,983 | | | | \$3,600,842 |
| Buffalo Creek (Logan Co.) | | | \$611,000 | | \$335,000 | \$15,000 | \$60,000 | | | \$1,021,000 |
| Lincoln County Water Line | | | \$2,400,000 | | \$352,000 | | | | | \$2,752,000 |
| WV Watershed Assessment | | | \$65,923 | \$18,533 | | | | | | \$84,456 |
| Lower Coal Restoration | | | | | | | \$60,000 | | | \$60,000 |
| Preston County Waterline | | | | | | | \$51,617 | \$2,948,383 | | \$3,000,000 |
| Buffalo Creek (Clay Co.) | | | | | | | \$150,000 | | | \$150,000 |
| South Fork Cherry River | | | | | | \$88,000 | \$200,000 | -\$23,285 | | \$264,715 |
| New Haven PSD | | | | | | | \$1,061,279 | \$1,078,597 | | \$2,139,876 |
| Miscellaneous | \$27,280 | \$58,545 | \$8,786 | \$2,540 | -\$113 | \$447 | \$446 | \$184 | \$702 | \$98,817 |
| Totals | \$4,155,682 | \$1,247,443 | \$4,439,388 | \$2,618,613 | \$2,769,686 | \$290,203 | \$2,082,305 | \$4,076,684 | \$71,314 | \$21,751,318 |