



west virginia department of environmental protection

Division of Mining and Reclamation (DMR)
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
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December 20, 2011

The Honorable Jeff Kessler, Chair
The Honorable Richard Thompson, Chair
Joint Committee on Government and Finance
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

Dear President Kessler and Speaker Thompson:

Enclosed is a compilation of receipts and expenditures from the Stream Restoration Fund (SRF) for fiscal years 1999 through 2011, 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 2011:

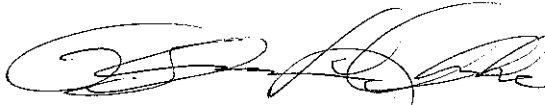
- Expenditures - During fiscal year 2011 \$1,119,345 was deposited into the SRF and \$443,625 was expended from the fund. Expenditures consisted of \$80,000 for evaluation of Mitigation Success of the Little Coal River in Boone and Lincoln County, \$45,517 for design on the Amigo Wastewater Treatment Project on Devil's Fork in Raleigh County, \$634 for design on Barton Branch Project in Randolph county, \$314,897 for design, construction and monitoring of Nonpoint Source Remediation projects in McDowell, Mingo, Preston, Upshur and Wyoming counties, and \$2,577 for miscellaneous expenses (vehicle expenses, travel, etc.).
- Acres of Streams Reclaimed – Additional design was completed on the Amigo Wastewater Treatment Project. After construction this project will remove raw or poorly treated sewage from Devil's Fork restoring at least one mile of stream. The Barton Bench Stream and Wetland Restoration project will restore watershed conditions on approximately 90 acres of previously surface mined land on Cheat Mountain when completed. Preliminary plans for the Crumpler Wastewater Treatment Project in McDowell County have begun and when constructed, the system will restore 3.1 miles of headwaters on the North Fork Elkhorn. Construction on Pigeon Creek in Mingo County is underway and will restore 600 feet of stream when completed. Assessment of North Fork Elkhorn in McDowell has identified 1,150 feet of stream as priorities for restoration.

Promoting a healthy environment.

- Effectiveness of Stream Restoration – Evaluation of three sections along the 8.5 mile section of the Little Coal River have shown increased fish habitat quality and bed complexity, increased substrate biodiversity and increased macro invertebrate biomass and diversity. Significant reductions (greater than 90%) in acidity, iron and aluminum have occurred from installation of passive acid mine drainage treatment projects on Sovern Run in Preston County and Smooth Rock in Upshur County. Acid Mine Drainage Treatment Projects on North Fork Greens Run, McCarty Highwall, and Pringle Run in Preston County in design or under construction are estimated to result in at least an 80% reduction in acidity, iron, and aluminum when completed.

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

Sincerely,



Thomas L. Clarke, Director
Division of Mining and Reclamation

TLC/ac

Enclosure

cc: Ashley Carroll
June Casto
Lewis Halstead
Craig Hatcher
Legislative Auditor

Fund 3349 Stream Restoration (Fiscal Years 1999-2010)

<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

Commitments: Devils Fork Wastewater Treatment System \$68,430, Evaluation of Mitigation Success \$247,500, WV Watershed Assessment Project \$89,885, Barton Bench Restoration \$307,875, Lambert Run \$367,427, Sovern Run Clark \$2,451, War Sewer Line Extension \$1,380,000, Pigeon Creek \$210,405, McCarty Highwall \$350, Pigeon Creek Stream Design \$22,500, Monitoring Ashland Wastewater \$7,000, UGWA County Wastewater Plan \$5,536 CVI North Fork Elkhorn Stream Assessment \$12,501, Sovern Run Titchnel & Sands Projects \$202,466, West Run AMD Morgantown Airport \$264,685, Roaring Creek AMD \$215,302, Herods Run AMD \$257,193

Fund 3349 Stream Restoration Expenditures by Project

<u>Project</u>	<u>FY02-05</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY 2011</u>
Chief Logan Dam	\$1,905,774						
Dunloup Creek/Kilsyth Sewage Treatment Project	\$80,000			\$235,972	\$9,028		
Wallback Dam	\$45,710	\$359,391					
Laurel Lake Dredging Project		\$96,820					
Ohley Stream Bank Restoration		\$2,354	\$96,419	\$2,694			
Devils Fork Treatment System			\$15,487	\$247	\$28,778	\$14,822	\$45,517
Logan Flood Plain Initiative			\$185,000				
Summerlee AMD Treatment				\$50,000			
Stream Partners Sub-Grants				\$28,344	\$83,802	\$155,134	
Evaluation of Little Coal River					\$30,000	\$55,000	\$80,000
Ashland Wastewater Treatment Plant					\$122,706	\$26,421	
Lambert Run				\$57,451			
Barton Branch							\$634
Nonpoint Source Remediation							\$314,897
Miscellaneous					\$11,466	\$13,237	\$2,577
<i>Details:</i>							
Design / Monitoring	\$260,921	\$2,354	\$15,487		\$58,778	\$74,981	\$171,234
Remediation Construction	\$1,770,563	\$456,211	\$281,419	\$317,257	\$272,987	\$176,397	\$269,349
Other/Miscellaneous					\$11,466	\$13,237	\$3,042