

## RESOLUTION 13-58

### A RESOLUTION SUPPORTING APPROVAL OF DISBURSEMENTS FROM WATER SUPPLY ESCROW FUND FOR DUCK RIVER AGENCY FISCAL YEAR 2013-2014 PROGRAM BUDGET

**WHEREAS**, the City of Spring Hill is a Member of Duck River Agency Technical Advisory Committee; and

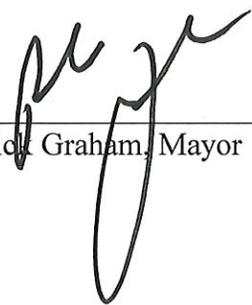
**WHEREAS**, the Duck River Comprehensive Regional Water Supply Plan has recommended two water supply infrastructure projects for future water demands: increasing the capacity of Normandy Reservoir and constructing a new intake near Williamsport. The Duck River Agency Technical Advisory Committee has recommended that the Duck River Agency continue the planning and funding of these projects in fiscal year 2013-2014; and

**WHEREAS**, according to each water system's agreement, the governing board of each system is required to approve decisions regarding of the use of cooperative funds from customer fees; and

**WHEREAS**, the analyses for these projects will require the Agency to disburse funds from its Water Supply Escrow Fund upon approval from a simple majority of the agency members, which includes Spring Hill Board of Mayor and Aldermen; and

**NOW, THEREFORE, BE IT RESOLVED**, by the Board of Mayor and Alderman of Spring Hill, Tennessee, supports and approves of disbursement from Water Supply Escrow Fund for Duck River Agency in the fiscal year 2013-2014 Program Budget, as outlined in the attached request letter, program budget, and agency annual program outline.

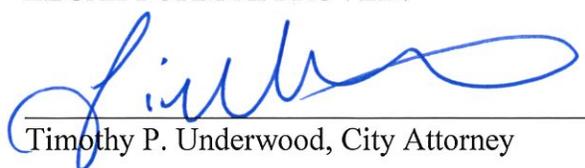
Passed and adopted this 17th day of June, 2013.

  
\_\_\_\_\_  
Rick Graham, Mayor

ATTEST:

  
\_\_\_\_\_  
April Goad, City Recorder

LEGAL FORM APPROVED:

  
\_\_\_\_\_  
Timothy P. Underwood, City Attorney

# Tennessee Duck River Development Agency

210 East Depot Street • Shelbyville, TN 37160 • O (931)684-7820 • F (931)685-0949 • [www.duckriveragency.org](http://www.duckriveragency.org)

May 23, 2013

Ms. Caryl Giles  
City of Spring Hill Water System  
P.O. Box 789  
Spring Hill, TN 37174

RE: Approval of Disbursements from Water Supply Escrow Fund for  
Duck River Agency (DRA) FY2014 Program Budget

Dear Mr. Giles:

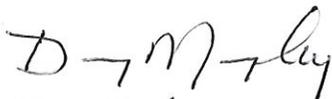
The Duck River Comprehensive Regional Water Supply Plan recommends two water supply infrastructure projects for future water demands: 1) increasing the capacity of Normandy Reservoir and 2) constructing a new intake for Maury County water supply near Williamsport. The projects will be approached in phases with annual budgets proposed. Upon recommendation by the Duck River Agency Technical Advisory Committee (DRATAC) the DRA Board approved the FY 2014 Program and Budget at the April 25, 2013 board meeting.

The two water supply projects will require the DRA to disburse funds from the Water Supply Escrow Fund Trust. Section 5 of the Modification Agreement between the Agency and the Manchester, Tullahoma, Shelbyville, Lewisburg, Columbia, Bedford County, and Spring Hill water systems authorizes the DRA to disburse monies from the Escrow Fund for water supply infrastructure projects upon the approval by simple majority vote of the water systems.

Enclosed is the FY2014 Program and Budget, a summary of that budget, and a table showing proposed disbursements from the Water Supply Escrow Fund for FY2014. By this letter, the DRA requests that your water system approve these disbursements, authorize that approval by means of a letter or board resolution, and send that letter or resolution to Linda Justice, the DRA Finance Director, at Duck River Agency, 210 E Depot Street, Shelbyville, TN 37160 or [linda@duckriveragency.org](mailto:linda@duckriveragency.org). If you have any questions about this request, please contact Mr. Murphy or Ms. Justice at 931-684-7820.

On behalf of the DRA, I want to thank you and your system for your cooperation with the DRA as it works to provide a water supply solution for the Duck River region.

Sincerely,



Doug Murphy  
DRA Executive Director

# FY2014 Duck River Agency Program Annual Programs and Contracts

1. **USGS Gaging Stations:** Contract #12ESTNGEML00005 with USGS to operate gaging stations at Rock Creek, Fountain Creek, Milltown and Sowell Mill Pike Bridge. Estimated DRA budget for FY2014 is \$37,600.00. Total cost for operation of the gaging stations is \$61,600.00 with USGS Federal Matching Funds of \$24,000.00. This agreement will be renewed October 1, 2014.
2. **Annual Duck River Cleanup:** Provide T-shirts and plastic garbage bags for volunteers. Estimated budget for FY2014 is \$3,000.00.

## Contracts for the Duck River Regional Water Supply Implementation Program:

3. **O'Brien & Gere Engineers, Inc (OBG):** OBG has been the Agency's primary consultant since July 2009. The first project the Agency contracted with OBG was to develop a long term comprehensive regional water supply plan which was completed and approved by the Agency Board of Directors and DRATAC in October 2010. The Agency contracted with OBG in 2011 to be the primary consultant to begin implementation of the water supply plan recommended programs and projects. OBG's contract with the Agency is for time and materials with a not-to-exceed budget. Listed below are OBG project scopes with budget estimates for FY2014:

**Program Management:** An OBG Principal Project Manager will be assigned to assist the DRA executive director with the following activities for implementing water supply projects but not limited to: implementation planning, scheduling, progress reports, and procurement and management of professional consultants. OBG's estimated budget for FY2014 services is \$11,020.

**Duck River Regional Drought Management Plan (DMP):** The DMP report was completed in May 2013 and presented to TVA and TDEC to approve/accept as an action plan to be used during extended drought periods. TVA's approval process will require environmental reviews, hydrology modeling, and possibly economic impact studies. DRA will be responsible for all or partial financial support for the reviews and studies required. OBG will provide the Agency with general consultation and procuring experts as needed during the approval process. OBG estimated budget for FY2014 is \$11,320.

**Optimizing Normandy Reservoir Releases (ONRR):** The ONRR report will be completed in June 2013. The report and a request to modify the river flow constraints will be submitted to TVA and TDEC at the same time the DMP is presented. OBG will provide general consultation during the approval process. OBG's estimated budget for FY2014 is \$8,180.

**Water-Use Efficiency Program (WUEP):** This program was started in FY2013 and will carry over into FY2014. OBG will assist the Agency with developing the program scope and procuring an expert to develop the WUEP. OBG will continue under previous approved budget with no new budget for FY2014.

**Normandy Reservoir Capacity Improvements:** OBG began Phase I with initial investigations and engineering analyses in FY2011 and continued in FY2013 to determine the feasibility of raising Normandy Dam for capacity improvements. Activities 1, 2, and 3 below summarize Phase I and have been previously approved for funding. Activity 4 is a new activity for FY2014 and OBG's estimated budget is \$15,400.

1) OBG is investigating and conducting stability analyses, developing alternatives, writing a summary report and developing a plan for geotechnical investigations. The stability analyses will determine the cost and feasibility of raising the dam to increase water storage and will be completed late spring 2013.

2) OBG will assist the Agency in developing a Memorandum of Agreement (MOA) with TVA at the completion of Phase I engineering analyses. The MOA will assure TVA's commitment to the Normandy Project and define responsibilities for each agency. The funding for this activity was approved in the FY2013 budget and will be carried over to FY2014.

3) OBG is investigating existing reports and data that will help decide feasibility of improving or relocating the DRUC intake for deeper withdrawals in lieu of increasing winter storage capacity. The funding for this activity was approved in the FY2013 budget and will be carried over to FY2014.

4) OBG will provide consultation as needed on engineer analyses and allocation of cost for capacity improvements to Normandy Dam. OBG estimated budget for FY2014 is \$15,400.

**Maury County Water Supply Intake near Williamsport:** In 2013 OBG conducted a feasibility study that helped determine the direction this project needed to take. In FY2014 OBG will assist with procurement of an engineering firm to begin initial investigations for a new water intake, pump station and water treatment plant siting study. OBG will also begin development of a long-term and financial plan for a new water treatment facility on the west side of the county. OBG estimated budget for FY 2014 is \$82,550.

**Financial Planning:** OBG will provide assistance to the Agency regarding the development of funding options for implementing the Water Supply Plan and development of new water system agreements. OBG estimated budget for FY2014 is \$15,600.

4. **HydroLogic's, Inc.:** HydroLogic's developed a Duck River model and has provided on-call and as-needed modeling support and consultation for the Agency. The agreement is a not-to-exceed contract for \$30,000 for time and materials. An amendment to the agreement is not currently needed for FY2014.

Tennessee Duck River Development Agency  
 Program Budget & Funding Source  
 For Fiscal Year 2014

FY2014  
 New  
 Budget

Balance 2/29/2013 = \$2,164,937

**Trust Fund B**

**Annual Programs and Contracts**

a. USGS Streamgages 37,600

b. Regional Duck River Cleanup 3,000

a. Regional Drought Management Plan 11,320

b. Optimizing Normandy Reservoir Releases 8,180

c. Water-Use Efficiency Program 0

**Program Support**

a. Program Management 11,020

b. Financial Planning 15,600

c. Modeling/consulting 0

Project Funding for FY2014 86,720

Administrative Budget for FY2014 201,346

Total Trust Fund B Expenses \$ 288,066

**Water Supply Escrow Fund**

Balance 2/29/2013 = \$12,415,008

a. Normandy Reservoir Capacity Improvements 15,400

b. New Maury County Water Supply Intake 82,550

Total WSEF Expenses \$ 97,950