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Newsletter Archive

Welcome to the winter issue of *WorldView Connection*, a quarterly e-newsletter bringing you the latest news, solutions, and technology tips from the GIS consulting firm WorldView Solutions. We provide spatial data and application services to dozens of clients and this newsletter is an opportunity for our team to provide updates on our diverse work in the GIS community. We hope you find this newsletter informative and encourage you to [contact](#) us with any feedback, questions, or ideas for future issues. If you know someone who you think would enjoy receiving this newsletter, please forward it along.

Enjoy,

The WorldView Team

Company News

[Silverlight Redistricting Application \(DLS\)](#)

The Virginia Division of Legislative Services (DLS) provides research for the General Assembly, including providing legislators and the public with information on state legislative and congressional districts and plans. Virginia is one of the first states to complete redistricting as part of the 2010 Census and will complete the process before the end of the year. To assist with this effort, WorldView has been contracted by DLS to develop a redistricting web site using Esri's ArcGIS Server Silverlight API. The web site will provide access to 2010 Census data, redistricting data, and functionality for commenting on plans as they become available in the spring. You can learn more about this project and the latest WorldView client news and upcoming events [here](#).



[ArcGIS 10 Migration Training](#)

We are offering another ArcGIS 10 Migration training session in Richmond on Wednesday, March 16th at the VCU Center for Environmental Studies training lab. The hands-on, instructor-led training covers important functional changes within the application interface, geoprocessing tools, and data editing workflows. Instructors are ArcGIS 10 users and experienced geospatial information technology professionals. Click [here](#) to learn more and to sign up for the class. Group rates and customized on-site training opportunities are also

available.

Featured Solution

BMP Tracking Program

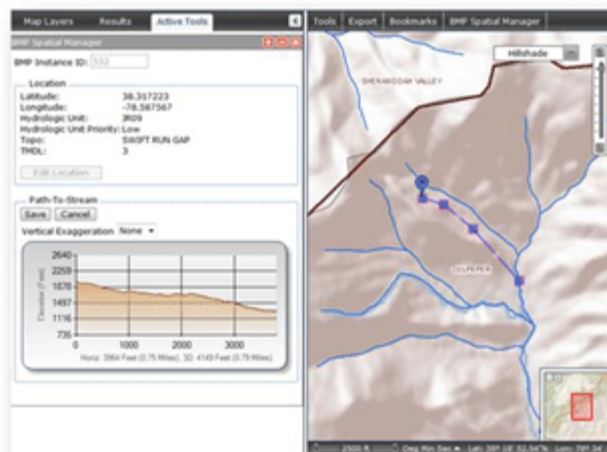
Working in partnership with the Virginia Department of Conservation and Recreation, WorldView Solutions has developed the Best Management Practices (BMP) Tracking Program. This web-based application facilitates the management and reporting functions of the state's primary agricultural BMPs. The application distributes up to millions of dollars in grants, reimbursements, and tax credits through the commonwealth's 47 Soil and Water Conservation Districts (SWCDs) and is a sophisticated program management, analysis, and reporting platform adaptable to the needs of similar programs nationwide. The project finished a second phase of development in the fall of 2010 and planning has begun for a third phase of enhancements in 2011. A case study of the application can be downloaded [here](#).

The screenshot displays the BMP Tracking Program web application interface. The top navigation bar includes 'Home', 'Administration', 'Reports', 'Support', and 'My Account'. The main content area shows details for a specific BMP instance, including:

- Participant:** Richard Holquist
- Contract #:** 01-01-0004
- Practice:** No. 1: Permanent Vegetative Cover on Cropland
- Area in Practice:** 0

The interface is divided into several sections with expandable/collapsible headers:

- General:**
 - Amount Requested: [input field]
 - Area requested (Acres): 25
- Measurements:**
 - Area Requested: [input field]
 - Area planted (Acres): 25
- Annual Reduction:**
 - Sheet/Soil Erosion Reduction (Tons per Acre per Year): [input field]
 - Grass/Sediment Erosion Reduction (Tons per Year): [input field]
- Soil Residue:**
 - Pre-implementation soil cover (Type): [input field]
 - Post-implementation soil cover (Type): [input field]
 - Residue/No: [input field]
- Amount Authorized:**
 - Area authorized (Acres): [input field]
- Amount Available:**
 - Area allowed (Acres): [input field]



Featured Client

City of Hopewell, Virginia

The [City of Hopewell](#), established in 1634 as *Charles City Point*, has a population of 23,000 and overlooks the James and Appomattox rivers. In 2004, the city contracted with WorldView Solutions to develop a GIS implementation plan.

Since the plan was approved by City Council, WorldView has provided database design, data conversion, map automation and web site development services for the city. In 2009, WorldView worked with the city to develop a database for accessing hazardous material storage sites in the city, providing site locations, material storage data sheets, and contact information for each site. Most recently, WorldView completed a data development project as part of the city's Sanitary Sewer Evaluation Study and has begun work on the development of an enterprise GIS sanitary sewer database for the city.



[Learn](#) more about WorldView's clients.

Tips and Tricks

ArcGIS 10 Desktop Enhancements

ArcGIS 10 Desktop offers users a number of productivity enhancements. Here are a few helpful shortcuts and tools that our team has been using in ArcMap.

Quick Pan Mode

When using Basemap Layers or Accelerated Rasters, hold down the letter Q and then move the mouse to navigate via seamless panning.



Point at the End of Line

Use distances and direction to draw a line. When finishing the line, it disappears and only the point is left where the line finished.



Right Angle Tool

Use this new tool to create right angles to the previous line segment. Perfect for creating building footprints!

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