

**SW MN GIS Users Group**  
10am April 12, 2006  
Marshall Municipal Utilities

Meeting Minutes

Attendees

Charlie Kost - SMSU  
Arlyn Lindsay - MMU  
Shawn Strong - Lyon County  
Charlie Teff - Lyon County  
Jason Overby - Lincoln Pipestone Rural Water  
Terry Renken - Yellow Medicine River Watershed District  
Dave Halbersma - Pipestone County  
Kyle Krier - Pipestone County  
Penny Fuhr  
Nate Petersen - Explore Information Services LLC  
Beth Collins - NRCS, Marshall  
Brian Green - Redwood County  
Kathy Henderschiedt - Nobles County, Environmental Services  
Jeff Grussing - United Service Group, Great River Energy  
Kelli Daberkow - Red Rock Rural Water System  
Karen Boysen - Cottonwood County, Environmental Office  
Marlene Smith - Cottonwood County, Environmental Office  
Jeff Sehr - Rock County Land Records  
Arlyn G - Rock County Land Management  
Eric Roos - Worthington Public Utilities  
Pat Demuty - Worthington Public Utilities

Presenters

Dean Larson - Pictometry  
Dustin Harr - Trimble

Introductions

Charlie Kost described the intention of the DNR to improve the accuracy of the state PLSS data layer using local information. Everyone present was in favor of the undertaking and seemed willing to provide any data they could to help the effort.

Charlie is the chair of the MN Governor's Council on Geographic Information Land Records Modernization Committee and he provided an update about the committee's desire to help promote parcel mapping. Next meeting is Apr 26<sup>th</sup>, 10:30 am at SMSU, anyone interested is welcome.

Following the LRM meeting will be a gathering of county GIS professionals interested in establishing a state-wide county GIS association. The intent is similar to state associations created by Auditor/Treasurer and Recorder offices. Current discussions are about the formation of an association including scope,

intent, structure, mission statements, etc. Anyone interested in county GIS is welcome to attend.

The SW regional web portal was mentioned briefly. Lyon County will develop an application and provide it to interested counties. Presentations to County Boards should begin by May.

Charlie mentioned a grant received by Richland County ND to develop GIS tools, assumed to be MapServer based.

Rock County signed a contract with Houston Engineering to provide a web mapping application. The product will use MapServer and access the county's tax data. Douglas County is an example of what the product will look like.

#### Pictometry

Dean Larson presented Pictometry's software package and aerial imagery products. Pictometry provides orthogonal and oblique imagery at two different altitudes and facing multiple directions. Electronic Field Study (EFS) software is used to view the imagery. Community level shots - 1 mile squares - are taken at 5,000 feet facing two directions and down with a 1 foot pixel resolution. Neighborhood shots are taken from 2,500 feet in at least four directions with a 6 inch resolution. Pictometry currently offers an extension to ArcView 3.x and ArcGIS 9.x to pass coordinate information from the your to EFS. An ArcGIS extension is being developed to view the imagery within a dock-able window. ArcIMS or MapGuide can be used to display the imagery, on an intranet there is full functionality, for public sites there is no measuring tools. Pricing is determined by size of area and includes software, imagery, training, updates, etc. Images are flown every two years and the cost is paid over two years.

#### Trimble

Dustin Harr of Frontier Precision presented some of Trimble's current mapping products for asset inventory and mobile computing. Discussion included software options, accuracy options, and new technologies. Most of the time was used to field questions from the attendees, while some presentation software was used for demonstration.

#### Next Meeting

July 12, 10am, Rock County Courthouse, Luverne

Topics: Internet Tools, presentation by Houston Engineering

#### Links

MN Gov Council on Geo Info

[www.gis.state.mn.us](http://www.gis.state.mn.us)

Pictometry

[www.pictometry.com](http://www.pictometry.com)

Frontier Precision

[www.frontierprecision.com](http://www.frontierprecision.com)