

**Minutes**  
**Lower Badger Mill Creek (LBMC) Interceptor**  
**Planning Group Meeting #1 – Kick-Off**  
**March 2, 2005, 9:30am**  
**Earth Tech Project No. 84025**

I. Attendees:  
Bruce Borelli, MMSD; Jon Schellpfeffer, MMSD; Mike Dailey, City of Madison;  
Ron Rieder, City of Verona; Bob Gundlach, Earth Tech; Paul Levendoski, Earth  
Tech; Rick Eilertson, Earth Tech; Marie Johnson, Town of Verona Board Member

II. Overview:  
In 2004, MMSD began reviewing options for sanitary sewer service from Mineral  
Point Road, south to the Northwest quadrant of the City of Verona to respond to  
development pressures throughout that area. 3 options were reviewed:  
1) Lift Station at Midtown Road, 2) Lift Station at CTH PD, and 3) Gravity  
interceptor along the Lower Badger Mill Creek (LBMC) drainage route from  
Mineral Point Road south to the City of Verona. The decision was made to  
pursue the LBMC Interceptor route. During the Fall of 2004, MMSD, the City of  
Madison, and the City of Verona reviewed engineering consultants for designing  
the LBMC Interceptor and chose Earth Tech.

Bob Gundlach will be in charge of managing the project. Rick Eilertson will be  
the lead design engineer, and Paul Levendoski as Civil/Construction Services  
Director will see that all resources required by the project team are provided.

III. Planning Information - Earth Tech will review the following planning documents  
and provide summaries of pertinent information that will affect the LBMC  
Interceptor design and corridor location:

- *MMSD Preliminary Planning Reports*
- *Madison's Lower Badger Mill Creek Stormwater Management Plan*
- *Madison's Blackhawk Neighborhood Development Plan*
- *Madison's Elderberry Neighborhood Development Plan*
- *Madison's Pioneer Neighborhood Development Plan*
- *Madison's Mid-Town Road Neighborhood Development Plan*
- *Westridge Estates and Meister Addition to Verona*
- *Verona West Side Development Plan*
- *Cross Point Subdivision Plat to Verona*
- *Verona Proposed Land Use Plan*
- *Town of Verona Land Use Plan and Other Documents*
- *Town of Middleton Planning Documents*
- *Existing Cross Country Road Interceptor Segment*
- *Wingra Stone Reclamation Plan*
- *Topographic Mapping* – Mike Dailey will send 2' contour information that the  
City of Madison has to Rick Eilertson

- IV. Route Selection – Earth Tech will review all available planning and topographic data and select a route corridor for the proposed LBMC Interceptor. The corridor will be presented to the stakeholders for review and approval, prior to proceeding with additional work.
- V. Right of Entry/Permits
- Private Property – Most of the proposed LBMC route is along private property. Earth Tech will develop a letter of request for right of entry to private properties and obtain stakeholder approval of the letter before mailing. Following mailing, Earth Tech will make at least 2 attempts to obtain signatures for rights of entry to each property. If signatures cannot be obtained, Earth Tech will utilize the best available survey information for the design, likely the 4' Dane County Aerial and Topographic maps.
  - Public Property – Earth Tech will contact each municipality with public property within the route corridor and make formal request for right of entry.
- VI. Survey / Site Investigations
- Design Survey, Set Control and Approximate MH Locations, Soil Boring Locations. Between May and June, 2005, Earth Tech will set control and stake tentative manhole locations and soil borings to show anticipated corridor.
  - Archaeological Survey will be performed by Archaeological Consulting Services, Inc. (ACS).
  - Tree Survey will be performed by Allison Tree Care, LLC.
  - Sub-surface Soils Investigation will be performed by Soils & Engineering Services (SES).
  - Wetland Delineation will be performed by Jon Gumtow, Earth Tech.
  - Richardson Cave Investigation & Recommendations will be performed by Joil Giraud, Earth Tech – Marie Johnson expressed concern that the Richardson Cave has not been thoroughly investigated for the last 40 years.
- VII. Public Involvement
- Public Information Meetings – Bruce Borelli, MMSD and Larry Nelson, City of Madison will be providing an overview of the LBMC Interceptor project at the March 9<sup>th</sup>, 2005 Town of Middleton meeting. Earth Tech will coordinate public information meetings in April, 2005 to show the anticipated LBMC corridor and review any public concerns and suggestions for the project. The group suggested separate meetings for each area – one in the City of Madison/Town of Middleton area and one in the City of Verona/Town of Verona area to review the respective corridors in each. Since each meeting

could attract between 50 and 100 residents it was thought that a large meeting room may be needed for each.

- Newsletter - Earth Tech will prepare at least 2 newsletters and send copies to the entire mailing list. Earth Tech will also send electronic versions to each municipality for possible posting on their respective web sites.

#### VIII. Design

- Sizing - Earth Tech will review the preliminary interceptor sizing performed by MMSD along with information from the various planning documents to determine interceptor sizing. Earth Tech will report on the findings and make recommendations at one of the next meetings.
- Final Route Selection – After initial public informational meetings and initial site investigations, Earth Tech will prepare a recommended route for the LBMC Interceptor for approval by the appropriate agencies prior to final design.
- Pipe Material – Anticipated to be either Fiberglass reinforced pipe (Hobas or equal) or Ductile Iron with Polyethylene coating. PVC pressure class pipe will also be investigated for use.
- Manholes – Anticipated to be 6’ diameter precast concrete manholes. 2 or more manholes may need to be outfitted for monitoring purposes.
- Special Construction - Earth Tech will provide recommendations on special construction techniques to minimize any adverse affects on the Richardson Cave, wetlands, etc.
- Plan Preparation – Interceptor & Drainageway - Earth Tech will provide plans for the LBMC Interceptor and Drainageway as applicable. Each respective agency will provide specifications for the stretches of LBMC interceptor and Drainageway that they will be responsible for.

#### IX. Easements

- Pre-Meeting & Easement Review - Earth Tech will meet with Eric Peterson, City of Madison to discuss the City of Madison’s preferred easement content prior to writing the easement descriptions. Draft copies of the easements will be submitted to each agency responsible for acquisition for review and approval. Final easement descriptions and maps will be prepared based on review comments.

- X. Schedule
- Gather Planning Documents March '05
  - Select Corridor April 6, '05
  - Public Information Meeting April '05
  - Right-of-Entry April/May '05
  - Surveys May/June/July '05
  - Preliminary Design August/Sept '05
  - Client Review Sept '05
  - Information Meeting October '05
  - Final Design October/November/December '05
  - Easements December '05/January/February '06
  - Public Information Meeting January '06
  - Client Review February/March '06
  - Final Documents March '06

XI. Next LBMC Interceptor Meeting – Wed., April 6<sup>th</sup>, 2005 @ 9:30am

L:\work\projects\84025\Admin\Meetings\LBMC Minutes 3-02-05.doc