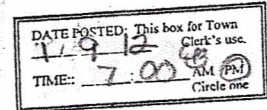


Water Resources Committee

Final Agenda

January 11, 2012



POSTED IN ACCORDANCE WITH THE PROVISIONS OF MGL 30A §§18-25

- 7 PM
1. **Minutes from Previous Meetings.**
 2. **Lot 0-32 Possible Contamination Concerns Follow-Up**
 3. **Develop, review & discuss available data resources; identify types of data & their utility, & additional data collection, compilation & analysis needs & methods:**
 - a. **USGS Surficial Geology Map Utility & GIS Integration Update—Al Werner & Paul Lyons**
 - i. **Opportunities & Constraints for Water Resources**
 - b. **State Bedrock Geology Map Utility & GIS Integration Update—Al Werner**
 - i. **Category Descriptions**
 - ii. **Opportunities & Constraints for Water Resources**
 - iii. **Uranium & Arsenic in Well Water Concern—USGS Report Response**
 - c. **NRCS Soil Survey Report Access, Map Categories, Map Accuracy, Utility & GIS Integration—Paul Lyons & Bill Elliot**
 - i. **Texture Class & Hydrologic Soil Group Mapping Updates**
 - ii. **Depth to Bedrock Mapping Possibilities**
 - d. **Mt. Holyoke College Student Hydrologic Study Update—Al Werner**
 - i. **Town Residents' Questionnaire Responses & Data Management System Progress**
 - ii. **Stream Sampling & Analysis Progress**
 - iii. **Well Water Sampling & Analysis Progress**
 - iv. **Smith College Lab Analysis & Data Assessment Collaboration**
 - v. **Shutesbury Elementary School Collaboration**
 - vi. **BOH Perc Test Records Compilation & Data Entry Progress**
 - vii. **BOH Well Test Records Compilation & Data Entry Progress**
 - viii. **Correlations with Bedrock, Surficial Geology, Soils, Groundwater & Surficial Hydrology Maps**
 - e. **Lake Wyola Watershed Streams & Lake Nitrogen & Phosphorous Records Compilation & Trend Graphing—Bill Elliot & Mark Rivers**
 - f. **Weather & Climate Analysis**
 4. **Investigation, data storage & analysis resources updates:**
 - **Proposed Additions & Updates to MassGIS Data Layers**
 - **Development of One Common Database for All Town Committees & Departments**
 - **GIS Services Collaborators--Shutesbury Assessor, MASSGIS, FRCOG, NQRLP, Mt. Holyoke College, UMass, Others?**

- **Stream Flow Estimator & Stream Stats—USGS**
- **Review scope of services & report written by Dr. Boutt, UMass Hydrogeologist, for town of Leverett, 2007.**
- **UMass TEI—Bill Elliot**

5. Groundwater Recharge Analysis Models, Data Requirements & Acquisition Methods—Bill Elliot

6. Items that cannot reasonably be anticipated prior to meeting