



Reposted 1/13/14 @ 11AM

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Shutesbury Water Resources Committee
At Shutesbury Town Hall
Final Agenda

Rescheduled to:
Monday Jan 27

~~January 13, 2014~~ 7 PM

1. Minutes from Previous Meetings.
2. New Chairman Election—All
3. Water Resources Final Map Lamination Status Report—April Stein
4. Groundwater Monitoring Wells Plan and Funding Proposal—Al Werner & Paul Lyons
5. WATER QUALITY ISSUES--Develop, review & discuss available data resources; identify types of data & their utility & additional data collection, compilation & analysis needs & methods; identify potential problem areas; & recommend solutions, as needed:
 - a. Road Salt, Sand & Maintenance ConCom Coordination & Select Board Report—Mike Ross, Paul Lyons
 - b. Nitrate Concentration in Groundwater from Septic Systems:
 - i. Housing Density & Land-Use Maps Overlaid with Hydrologic Soil Groups Map--Paul Lyons
 - ii. Mt. Holyoke College Well Test Results—Al Werner
 - c. Lake Wyola Development & Water Quality Records Compilation & Trend Graphing--Mark Rivers
 - d. Stream Water Quality Records Compilation & Trend Graphing—Al Werner & Paul Lyons
 - e. Aquatic Ecosystem Health & Core Habitats Assessment—Mike Ross & Paul Lyons
6. SHUTESBURY HYDROLOGIC MODEL--Develop, review & discuss available data resources; identify types of data & their utility & additional data collection, compilation & analysis needs & methods; identify potential problem areas; & recommend solutions, as needed:
 - a. Water Resources Map & GIS Inventory Data Charts—All
 - b. Model Components & Flow Chart Diagram—Paul Lyons
 - c. Precipitation:
 - i. Weather Station History Graphs & Trend Analysis—Paul Lyons
 - ii. Al Werner's Home Site Records—Al Werner
 - iii. Climate Change Future Projections—Al Werner
 - d. Future Development Build-Out Projections—Paul Lyons
 - e. Hydrologic Soil Groups Recharge Analysis Questions & GIS Mapping--Hugh Harwell & Paul Lyons
 - f. Lake Wyola Drainage Basin Surface & Groundwater Flow Patterns—Al Werner
 - g. Mt. Holyoke College Well Records Compilation & Analysis—Al Werner
 - h. Stream Flow Hydrographs—Paul Lyons & Al Werner
7. Items that cannot reasonably be anticipated prior to meeting