

Plymouth Carver Aquifer Advisory Committee Minutes

Meeting held: March 12, 2:30 pm; Carver Town Hall, lower level meeting room 4.

Minutes prepared by Casey Shetterly

Present: Sarah Hewins (Carver rep./Committee Chair); Marge Teitelbaum (Wareham delegate); David Gould (Plymouth delegate); Oliver Durrell (Plymouth alternate); Brian Wick (CCCGA, Plympton Planning Board and Plympton alternate); Bob Conway (Carver Conservation Commission & Carver Agriculture Commission); Bob Brady (Wareham resident); Casey Shetterly (TNC/ Committee Clerk); and Mike Martin, Superintendent Wareham Fire District- Water Division, invited guest.

Absent: Committee Representatives from Kingston, Bourne and Middleborough
Meeting called to order at 2:46.

Agenda Item	Key Discussion points	Next Steps
1. Review Agenda	Agenda accepted as written	
2. Review Minutes from Jan and Feb	Jan. Minutes: Dave G. moved to accept; Marjorie T. 2 nd – accepted as written unanimously. Feb. Minutes: Brian W. moved to accept; Dave G. 2 nd – accepted as written unanimously	Minutes to be resent to all delegates
3. Michael Martin, Superintendent, Wareham fire District Board of Water Commissioners Discussion of results of MA DEP’s Office of Research & Standards review of Wareham Fire District’s Annual Monitoring Report (6/08)	Mike Martin had previously sent along the letter he received from MA DEP’s Office of Research and Standards (ORS) in response to his department’s request to have them review the potential health implications of the unregulated pesticides that had been detected in drinking wells in Wareham, MA Since 2001, the District has voluntarily conducted extensive groundwater testing for pesticides and herbicides at thirteen well locations in the vicinity of its public water supply wells. Because the District now had data from 7 years of collection, the purpose was to determine if individually or collectively any of the District’s monitoring results posed health risks to the public. In all but one product (cholrorthalonil at 1.7 ppb vs. the 1.5 guideline during the 2005-06 monitoring period) DEP guidance values exceeded the amount found. Based on the District’s historical collection of data twice per year, ORS had considerable data in which to apply as guidance parameters as well as to seek trends. No trends have been found. Once a chemical is detected it remains on the monitoring list as long as Wareham continues to voluntarily test. The highest detection levels for tested chemicals, most notably BAM (2,6-dichlorobenzamide), remain close to the bogs but diminish closer to supply wells. Mr. Martin indicated an attempt to conduct a “tracer” study to determine the ground flow timing in order to estimate travel time from	

	<p>use area to wellhead and zone II areas. There remains no consistency or trends based on those efforts.</p> <p>Mr. Martin offered to provide Adobe and Powerpoint formats of report as well as a Powerpoint on their groundwater findings. Casey requested for the PCAAC files. He thanked the committee for the opportunity to address these issues and offered to continue communication with the committee.</p> <p>Discussion ensued among the committee members as to the scientific determinations of carcinogens, cumulative effects of these chemicals in surface waters (versus groundwater) in cranberry production as well as EPA standards of regulation for some of these chemicals. It was mentioned that the peat layer required for cranberry production served as an extra protection in holding trace chemicals whereas our naturally occurring sandy soils were more transferrable and that the nitrate form of nitrogen (NA4) used in cranberry production was the least contaminant of possible fertilizers</p>	
4. Public Endorsement Letter	Bill Napolitano was unable to attend. Committee will review draft letter at next meeting.	Casey to follow-up with Bill of letter for next meeting
5. Finish Earth Removal Bylaw discussion –	<p>Approach needs to be “recommendations”</p> <p>Marjorie proposed to go over each (3) Horseley Whitten Bylaws step by step to see what delegates agree on and what they do not. Brian indicated that he did not want to get into the specifics of each bylaw but that the committee wanted to look at recommendations. Discussion ensued on specific issues: being less rigid and building flexibility into recommendations for each town and whether or not the committee should agree on minimum standards. Marjorie moved to come up with minimum standards. It was not seconded.</p> <p>David Gould moved to review the three bylaws for key elements which made an earth removal bylaw effective and which the entire PCAAC would suggest a town incorporate into their own bylaw. Brian Wick seconded; vote was unanimous</p>	<p>Homework: Committee Members are expected to review the 3 HW bylaws and be prepared to share the most important elements that they believe should be included in any town’s earth removal bylaw. The committee will review at the next meeting</p>
Set March 12 Meeting	<p>Proposed agenda:</p> <ol style="list-style-type: none"> 1. Review and approve minutes – March 2. Letter 3. solicit and determine key elements for Earth Removal 	

Miscellaneous	<p>David Gould thanked the Committee for the letter of support in recommending to Plymouth Town Meeting the purchase of the Crowley Property as part well head protection and open space.</p> <p>Dave also suggested that the PCAAC should be on the distribution list for information relating to the expanded ENF for the Town Brook Dam Removal project in Plymouth.</p> <p>Sarah had provided a map to the committee but due to size of Aquifer territory and printer it was not sufficient to show full boundary. David commented that the USGS report which would contain new attributes for a map would be available at month's end.</p>	<p>David to add</p> <p>Casey to provide map which includes all towns and priority habitat</p>
	Meeting adjourned at 4:10.	