

B & C Associates Inc.

Wetland Consultants

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Acton Conservation Commission
472 Main Street
Acton, MA 01720

June 24, 2011

RE: Potential Vernal Pool
101 Nonset Path
Acton, MA

Dear Commissioners,

B & C Associates monitored several areas of standing water located between the soccer field and the common driveway. The purpose of the monitoring was to attempt to determine if any of these pools were vernal pools.

There are a total of five depressions which were holding water at the beginning of May. Three of these areas still had water by the middle of June.

The largest depression is located along the southern side of wetland flags 1 through 5. This pool is more than eighty feet long and twenty-five feet wide in the middle. This area still has some standing water now. There was more than a foot of water present at the beginning of May. Bullfrogs (*Rana catesbeiana*), Bullfrog tadpoles and Green Frogs (*Rana clamitans melanota*) were observed in this body of water. There was no observable evidence of usage by any vernal pool species.

There is a small pool located, approximately, five feet south of the first pool (± forty feet from wetland flag 5). This area has an inch or less of water now. There was no observed usage by any species.

The third area is located along the southern side of wetland flags 9 and 10. This area was dry on June 3, 2011. There was no observed usage by any species.

The fourth area is located just west of wetland flags 17 and 18. This area still has an inch or two of water present. There was no observed usage by any wildlife.

The final area is located just south of wetland flag 14. This pool was extremely shallow from the beginning of the monitoring and was dry on May 27, 2011.

In conclusion, we did not observe any usage by any vernal pool specie in these water bodies. These areas would all be extremely impacted by the proposed alternate 3 access to the site. These areas could also be impacted by the location of the alternative 2 access. Potentially, there could be impacts from sanding and salting during the winter. All of these pools are located downstream from the proposed access access drive. Alternative 1 will have the least impact as any potential sand or salt would be carried away from these pools by the drainage ditch which is located between the alternate 1 access and the pools.

If you have any questions or need any additional information, please contact me at the telephone number above.

Sincerely,

A handwritten signature in blue ink, appearing to read 'David Crossman', with a long horizontal flourish extending to the right.

David Crossman
Sr. Wetland Biologist