

SUPERSEDING ORDER OF CONDITIONS

DEP File Number 239-0590

Special Conditions

19. All work shall conform to the following plans, reports and Special Conditions:

- a. Sheet C-3 Newton South High School Athletic Campus Renovation Project, Newton MA, EXISTING CONDITIONS PLAN, by Gale Associates Inc., dated 12/22/08.
- b. Sheet C-4 Newton South High School Athletic Campus Renovation Project, Newton MA, SITE EROSION CONTROL PLAN, by Gale Associates Inc., dated 12/22/08, signed & stamped by Paul J. Tyrell PE. 1/5/09
- c. Sheet C-5 Newton South High School Athletic Campus Renovation Project, Nowton MA, DEMOLITION PLAN, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- d. Sheet C-6 Newton South High School Athletic Campus Renovation Project, Newton MA, LAYOUT AND MATERIALS PLAN, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- e. Sheet C-7 Newton South High School Athletic Campus Renovation Project, Newton MA, GRADING PLAN, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- f. Sheet C-9 Newton South High School Athletic Campus Renovation Project, Nowton MA, DETAIL SHEET 1 of 4, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- g. Sheet C-10 Newton South High School Athletic Campus Renovation Project, Newton MA, DETAIL SHEET 2 of 4, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- h. Sheet C-11 Newton South High School Athletic Campus Renovation Project, Newton MA, DETAIL SHEET 3 of 4, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- i. Sheet C-12 Newton South High School Athletic Campus Renovation Project, Newton MA, DETAIL SHEET 4 of 4, by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 1/5/09
- j. Sheet C-13 Newton South High School Athletic Campus Renovation Project, Newton MA, DRAINAGE PLAN (SHEET 2), by Gale Associates Inc., dated 12/22/08 signed & stamped by Paul J. Tyrell PE. 3/23/09
- k. Letter of April 30, 2009 from Gale Associates Inc. with the sampling schedule and standards for testing signed by Nathan A. Collins and Paul J. Tyrell.



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

205B Lowell Street, Wilmington, MA 01887 • (978) 694-3200

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Secretary

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Commissioner

April 22, 2009

Attn: Louis Taverna
City of Newton
1000 Commonwealth Ave
Newton, MA 02459

RE: WETLANDS/Newton
DEP FILE #239-0590
140 Brandeis Road
Additional Information Request

Dear Mr. Taverna,

During the site inspection of April 16, 2009, representatives from Gale Associates had stated that groundwater monitoring had been done at the above site. After re-reviewing the information in MassDEP's file I could not find any groundwater elevation data. MassDEP hereby requests a copy of the well data. Also, MassDEP is requesting a modification of the detail plans sheet C-10. The Nyloplast MH/CB cover is to be screen to prevent crumb rubber particulate from entering the perforated pipe drain system and a modification of the PVC Drain manhole or Catch Basin so that there is sufficient depth at the bottom for sampling of the stormwater. Sampling will be for zinc, cadmium, chromium and lead. MassDEP is also requesting a plan for at least 3 times during the playing season (April – November) for a minimum of five years.

Please submit the requested information within seventy (70) days of receipt of this letter or the MassDEP will issue a decision upon the information currently contained in the file.

Should you have any questions relative to this decision, please contact me at (978) 694-3257.

Very truly yours,

Michael Abell
Environmental Analyst
Wetlands and Waterways Program

cc: Newton Conservation Commission; City Hall; 1000 Commonwealth Ave, Newton, MA 02459
10-citizen group c/o Guine Mirfendereski; 24 Carleton St, Newton, MA 02458
Susan Allen & Jane Yoffe c/o Guine Mirfendereski; 24 Carleton St, Newton, MA 02458



Gale Associates, Inc.

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April 30, 2009

Mr. Michael Abell
Environmental Analyst
Wetlands and Waterway Program
Massachusetts Department of Environmental Protection
Northeast Regional Office
205B Lowell Street
Wilmington, MA 01887

Re: WETLANDS/Newton
DEP File #239-0590
140 Brandeis Road
Gale JN 713050
Additional Information Request

Dear Mr. Abell:

On Thursday, April 23, 2009, the City of Newton received a letter from your office requesting additional information for the Athletic Field Renovation Project and Newton South High School. On behalf of the City of Newton, Gale Associates, Inc. (Gale) has provided the following information/responses (in bold/italic text) for your review for preparation of a Superceding Order of Conditions for the above-mentioned project.

1. The letter requested all groundwater well elevation data taken to date.

Attached to this letter is the groundwater well information that has been monitored by the City since April 2008.

2. The letter requested that the detail depicted on plan C-10 of the Notice of Intent plan set be revised to incorporate a screen to prevent crumb rubber particulate from entering the pipe drain system and a modification to the PVC Drain manhole or Catch Basin so that there is sufficient depth at the bottom for sampling of the stormwater.

The project plans that went out to bid included a BMP product on the two PVC drainage structures within the synthetic turf fields that outlet to the existing culvert on-site. Please note that this culvert does not outlet into the adjacent bordering vegetated wetlands. This product, called Snout®, manufactured by Best Management Products, Inc. was added due to the City of Newton Conservation Commission's concern with the migration of particulates. We have attached a brochure on this product as well as a full-size copy of the "Drainage Plan" that was part of the bid/construction documents. In addition, the City will increase the sump from the manufacturer's standard sump to a sump of 4-ft in the two structures to receive the Snout® product.

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3. The letter requested testing for zinc, cadmium, chromium and lead at least three times per year during the playing season (April – November) for a minimum of five years.

The City would like to note that, to date, they and/or their consultants are unaware of any requirements from MADEP to require annual testing of similar projects within the Commonwealth of Massachusetts. However; the City agrees to the three times per year for five years testing protocol as outlined in your letter. In addition, the letter did not specify the standards to which the testing would be compared. Gale, on behalf of the City of Newton, is requesting that the standards be compared to the levels indicated in the Massachusetts Drinking Water Regulations (310 CMR 22.00).

We trust this information serves your needs at this time. Should you have any more questions, or require any additional information, please contact our office.

Very truly yours,

GALE ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Nathan A. Collins".

Nathan A. Collins
Project Manager

A handwritten signature in black ink, appearing to read "P.J. Tyrell".

Paul J. Tyrell, P.E., P.L.S., LEED® AP
Chief Civil Engineer

NAC:gmc

Attachments:

1. Well Data
2. Final Drainage Plan from Bid/Construction Set dated 3/25/09
3. Best Management Practice, Inc. Snout® cut sheets

cc: Newton Conservation Commission; City Hall, 1000 Commonwealth Ave., Newton, MA 02459
10-Citizen Group c/o Guive Mirfendereski; 24 Carleton St., Newton, MA 02458
Susan Allen & Jane Yoffe c/o Guive Mirfendereski; 24 Carleton St., Newton, MA 02458
Newton Engineering Department; City Hall, 1000 Commonwealth Ave., Newton, MA 02459