

**EARTH REMOVAL STORMWATER ADVISORY COMMITTEE
TUESDAY, NOVEMBER 19, 2019, 7:00 PM
MINUTES**

Chairman Perkins called the meeting to order at 7:00 PM at the Town Hall

Members present: Edward Perkins, George Barringer, Bob Hanninen, and Eileen McHugh
Member absent: Tom Delaney

PUBLIC HEARING – REGAL BRASS FARM, 255 OLD AYER ROAD

In accordance with the provisions of Chapter 198 of the Code of Groton, the Earth Removal Stormwater Advisory Committee held a public hearing to consider the application for a Full Stormwater Management Permit submitted by Regal Brass, LLC, to construct a 16,000 square foot pole barn and an outdoor riding ring along with one (1) detention basin and (1) infiltration basin as shown on the plan entitled, "Notice of Intent, Regal Brass Farm, 255 Old Ayer Road, Groton, MA" prepared by LandTech Consultants, Inc., dated August 30, 2019, revised October 29, 2019. The proposed construction is located on Assessors' Map 222 Parcel 46, on the easterly side of Old Ayer Road and side of Indian Hill Road.

Chairman Perkins called the public hearing to order by reading the legal notice published in the November 8, 2019 issue of the *Groton Herald*. Design engineer Matt Watermann of LandTech consultants, equestrian trainer Denice Marks, and abutter Don Koski were present.

Mr. Watermann described the existing conditions with a house, a 20-stall stable, outdoor ring, and five pastures. The existing, three-season stable was constructed in 1990 by the previous owner who traveled during the winter. The new owner would like to build a new, indoor ring with poles along the long sides of the building. The Morton-style building will be 80 ft x 200 ft with a 16 ft x 30 ft viewing room. The horses travel for shows, but no extensive shows are proposed at the site. The outdoor riding ring will be reconstructed in the same location within the existing fence. The area will be regraded to be level with a maximum 2% slope.

Mr. Watermann said very little grading is required for the construction. Detention basins will be used to treat roof runoff. Soil testing has been done in the areas of the drainage basins. An existing earth berm was constructed in 1990. This existing basin will be used as part of the drainage system. A new infiltration basin will be constructed to meet all water quality and TSS standards. The new basin will overflow to the existing basin in the 100-year storm.

Member McHugh asked how much cut and fill is required and whether there would be any earth removal from the site. Mr. Watermann said there may be a very small amount of earth material removed from the site.

Member McHugh asked how the trench along the perimeter of the new stable would be maintained. Mr. Watermann said clean-outs are proposed for the trenches and will be added to the Operating and Maintenance Plan. He said the outlets should be checked every three months.

Member McHugh asked when the new basin would be constructed. Mr. Watermann said at the end of the project because the existing basin could be used during construction. Member McHugh said if the basins fill up during construction, they should be cleaned out.

Member McHugh asked if the driveway would be extended over time. Mr. Watermann said, “no,” and they will install markers at the end of the existing gravel driveway.

Member Barringer asked about the cistern at the gravel parking lot. Mr. Watermann said it is connected to the well used to water the outdoor ring. Member Barringer asked if it is safe. Mr. Watermann said, “yes,” and it would be used less frequently after the new indoor ring is constructed.

Member Barringer asked about the total acreage of the site. Mr. Watermann said it is 46 acres. Stormwater Inspector Michelle Collette said the existing manure management system meets standards.

Abutter Don Koski asked about exterior lighting. The Committee responded that lighting is not a stormwater issues and that his concerns should be directed to the Planning Board. Mr. Watermann said no new exterior lights are proposed.

The motion was made by Hanninen, seconded by McHugh, to close the public hearing. The motion passed unanimously.

The motion was made by Hanninen, seconded by Barringer, to grant the Limited Stormwater Management Permit with the following findings and conditions:

Finding of Significance

The Earth Removal Stormwater Advisory Committee determined that the proposed project is significant to the interests stated in Chapter 198, Section 1 Purposes, including:

It has been determined that proper management of construction sites and post-development stormwater runoff will prevent damage to public and private property and infrastructure, safeguard the public health, safety, environment and general welfare, protect water and aquatic resources, promote groundwater recharge to protect surface and groundwater drinking supplies, and encourage the appropriate use of the land throughout the Town.

Special conditions:

At its regular meeting on November 19, 2019, the Earth Removal-Stormwater Advisory Committee voted to grant the permit with the following conditions:

1. The existing manure management facility (“concrete manure storage bin”) is acceptable to protect surface and groundwater resources. The facility and manure management practices shall continue as a condition of this Stormwater Permit.

2. The Long-Term Operation & Maintenance Plan shall be amended to require that the trench drain ports be inspected and cleaned, if necessary, after every two-year storm during the first three months of operation.
3. Suitable delineation shall be installed by the property owner at the end of the eastern end of the existing gravel driveway and turnaround area to prevent expansion of gravel area.
4. Construction shall be done in accordance with the above-referenced plans and construction sequencing.
5. All work shall be done in compliance with the "Massachusetts Department of Environmental Protection - Stormwater Management, Volume One: Stormwater Policy Handbook, and Volume Two: Stormwater Technical Handbook," dated February 2008.
6. It is the applicant's responsibility to prevent the products of erosion and sedimentation from reaching Old Ayer Road and causing a safety hazard on the public way. There shall be no net increase in runoff or erosion to the public ways, the municipal storm drain system, or abutting properties.
7. The limits of disturbance shown on the plan shall be well delineated in the field with erosion control barriers in the locations shown on the above-referenced plan. The limit of work not delineated by erosion control barriers shall be delineated with yellow flagging to prevent disturbance. These barriers and flagging shall be maintained throughout construction to prevent any disturbance to the vegetation or topography beyond the limits of disturbance.
8. All disturbed areas and stockpiles must be properly stabilized. A supply of erosion control materials shall be kept on site to stabilize disturbed areas.
9. During construction, no slope shall be any steeper than 2:1, including any open cellar holes, to prevent any potential public safety hazard. All excavations are to be done according to the latest version of the U.S. Department of Labor, Occupational Safety and Health Administration, 29 CFR 1926, Safety and Health Regulations for Construction, Subpart P – Excavations.
10. The applicant shall take effective measures to control dust and windblown erosion at all times. All topsoil shall be stockpiled on the site. Erosion control barriers shall be installed around the base of the stockpile. The stockpiles shall be seeded to prevent dust and wind-blown erosion.
11. The applicant shall comply with the Construction Sequencing Plan, the SWPPP, and the NPDES Construction General Permit, if required. The applicant shall keep a log of spring and fall maintenance activities.
12. The applicant shall comply with the Operation and Maintenance Plan entitled, "Long Term Operation & Maintenance Plan, Regal Brass Farm, 255 Old Ayer Road, Groton, MA," as amended. The applicant shall keep a log of spring and fall maintenance activities. The Operation and Maintenance plan shall comply with Section 352-22.

13. After a project is issued a Certificate of Completion, the Responsible Party or Owner, as listed in the Long-Term Operation and Maintenance Plan, shall submit annual BMP Inspection and Maintenance logs to the Committee and if applicable an updated Long-Term Operation and Maintenance Plan on or before June 1st annually, as required in Section 352-6D.
14. The applicant must submit any proposed change in the above referenced plans to the Earth Removal-Stormwater Advisory Committee for its review and approval before the change is implemented.
15. The removal of any excess earth material from the site requires a Certificate of Exemption from the Earth Removal By-law, Chapter 134 of the Code of the Town of Groton. Chapter 134, Section 10 Exemptions.
16. The applicant is responsible for obtaining any other permits (including but not limited to) those required by the Select Board, Board of Health, Conservation Commission, Building Commissioner, DPW Director, Planning Board and Zoning Board of Appeals.
17. It is the applicant's responsibility to ensure that the contents of this permit are made known to all contractors who perform work at this site.
18. It is the applicant's responsibility to contact Dig Safe prior to the commencement of any work at the site. The applicant is responsible for obtaining a trench permit, if required by G.L. c. 82A §1 and 520 CMR 7.00 et seq (as amended).
19. The applicant shall return the signed "Maintenance Agreement" and "Illicit Discharge Compliance Statement" prior to the commencement of construction. The applicant will notify the Stormwater Inspector at least 48 hours prior to the commencement of construction. Erosion control measures shall be in place prior to the 48-hour notice to the Stormwater Inspector. Additionally, the applicant will provide the Earth Removal Stormwater Inspector with emergency contact information for all site contractors.
20. If the project is not completed within three (3) years from the date the permit is issued, it is the responsibility of the applicant to request an extension. The Committee may grant extensions for additional time provided that the applicant submits a written request for renewal no later than 30 days prior to expiration of the permit.
21. The applicant is required to obtain a Certificate of Completion as required in Section 352-5A Project Completion which states:
 - a. "When the construction of a project is completed, the applicant shall request that the Committee conduct a final inspection. For full stormwater management permits, the applicant must submit a statement from a registered professional engineer certifying that the project was completed in accordance with the approved plans and construction conditions of the permit. The applicant shall also submit an on-the-ground surveyed as-built plan prepared by a professional land surveyor. The Committee shall determine whether the project complies with the approved plans, construction conditions of the permit, and Chapter 198, Stormwater Management. If completion is satisfactory, the Committee shall issue a Certificate of Completion."

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22. This permit runs with the land and applies to any successor in interest or successor in control.

The motion passed unanimously.

Meeting adjourned at 8:00 PM

Respectfully submitted,

Michelle Collette
Earth Removal Stormwater Inspector