



Environmental Considerations

Planning Board

Plymouth, MA

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Managing Principal

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Overview

- State permits and review process
- Wetlands
- Rare Species
- Water (covered last Monday)
- Wastewater (covered last Monday)
- Cultural Resources
- Transportation (covered last Wednesday)
- Energy Use
- Visual
- Construction

State Level Environmental Permits & Review

- Review under MEPA (Massachusetts Environmental Protection Act)
- Water Management Act Permit
- Sewer Extension Permit
- MHD Access Permit

MEPA Review

- Expanded Environmental Notification Form (“EENF”)
- Anticipated filing in Fall after Town Meeting
- Public comment period – 37 days
- Site visit will be scheduled during comment period
- Secretary will issue certificate with scope for the EIR
- Prepare Single EIR
- Public comment period – 30 days
- Approval of SEIR, completion of MEPA process

Wetlands

- Existing resources on site delineated in accordance with Wetlands Protection Act
- No alteration of wetlands expected
- Work in buffer zones to be minimized and avoided
- Project will file application with Conservation Commission as required

Rare Species

- Massachusetts Endangered Species Act, administered by Natural Heritage and Endangered Species Program (NHESP)
- No mapped habitat on site proper
- Some mapped area on Wildlands Trust parcel and north of site
- Access road and sewer line will be sited in consultation with NHESP and Wildlands Trust to mitigate any impact to rare species

Water

- Use well on site for ~ 175,000 gpd potable water
- Source previously approved for golf course for 310,000 gpd during season
- Studies determined minimal impact on Eel River watershed
- Stormwater management measures will strive to balance water resources, reuse stormwater
- Well can also serve schools, allow retirement of existing well if so desired
- Water Management Act permit from MA DEP required

Wastewater

- Utilize excess capacity at Camelot Drive WWTP (current load is 1.5 million gpd, permitted for 2.5 million gpd)
- New sewer line, routing opportunities in road with minimal environmental impact
- Estimated flows from project ~175,000
- Schools can connect, retire WWTP if so desired
- Sewer extension permit from MA DEP required

Cultural Resources

- EENF will be provided to Massachusetts Historical Commission
- Impact of the project on cultural resources will be reviewed

Energy Use

- Energy requirements and strategies currently under investigation by Vanderweil Engineers
- Potential for innovative technologies on site will be explored including photovoltaic, fuel cells, and geo-thermal systems

Visual

- Visual impacts assessed by use of cross section views
- Mitigate visual impact by taking advantage of natural topography, grading, and use of berms and landscaping
- Land use buffer along Long Pond Road

Construction

- Campus will take ~1.5 years to construct
- Construction worker vehicles and truck traffic managed with Construction Traffic Management Plan (developed with town officials)
- Priority on constructing access from Clark Road