Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13644
MEPA Analyst: Nick Zavolas
Phone: 617-626-1030

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Fruitland's Museum		
Street: Prospect Hill Road		
Municipality: Harvard	Watershed: Nashua	
Universal Tranverse Mercator Coordinates:	Latitude:42° 30' 32.57"N Longitude: 71° 38' 41.62" W	
Estimated commencement date: 11/05	Estimated completion date: 04/06	
Approximate cost: $900,000	Status of project design: 100 %complete	
Proponent: Fruitlands Museum		
Street: Prospect Hill Road		
Municipality: Harvard	State: MA	Zip Code: 01451
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Douglas E. Miller		
Firm/Agency: Goldsmith, Prest and Ringwall, Inc	Street: 39 Main Street, Suite 301	
Municipality: Ayer	State: MA	Zip Code: 01432
Phone: 978.772.1590	Fax: 978.772.1591	E-mail:dmiller@gpr-inc.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
☐Yes ☒No

Has this project been filed with MEPA before?
☒ Yes (EOEA No. 13445 *) ☐No *Note: Previous Submittal withdrawn

Has any project on this site been filed with MEPA before?
☒ Yes (EOEA No. 13445 *) ☐No *Note: Previous Submittal withdrawn

Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
a Single EIR? (see 301 CMR 11.06(8)) ☐Yes ☒No
a Special Review Procedure? (see 301CMR 11.09) ☐Yes ☒No
a Waiver of mandatory EIR? (see 301 CMR 11.11) ☐Yes ☒No
a Phase I Waiver? (see 301 CMR 11.11) ☐Yes ☒No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): See Attached Schedule of Funding

Are you requesting coordinated review with any other federal, state, regional, or local agency?
☒Yes (Specify: DEP, Harvard B.O.H. & Con. Com.) ☐No

List Local or Federal Permits and Approvals: Order of Conditions, SSDS Permit

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- ☐ Land
- ☐ Water
- ☐ Energy
- ☒ ACEC
- ☐ Rare Species
- ☐ Wastewater
- ☐ Air
- ☐ Regulations
- ☐ Wetlands, Waterways, & Tidelands
- ☐ Transportation
- ☐ Solid & Hazardous Waste
- ☐ Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	210.77±		
New acres of land altered		N/A	
Acres of impervious area	2.4±	0	2.4±
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		N/A	
Acres of new non-water dependent use of tidelands or waterways		N/A	
STRUCTURES			
Gross square footage	24,000±	0	24,000±
Number of housing units	2	0	2
Maximum height (in feet)	35±	0	35±
TRANSPORTATION			
Vehicle trips per day	800 maximum	0	800 maximum
Parking spaces	100±	0	100±
WASTEWATER			
Gallons/day (GPD) of water use	8,000 maximum		8,000 maximum
GPD water withdrawal	8,000		8,000
GPD wastewater generation/ treatment	8,000 maximum		8,000 maximum
Length of water/sewer mains* (in miles)	0.09	+ 0.21(sewer) + 1.01 (FM)** + 0.14(water)	1.45

State Permits & Approvals

- ☒ Order of Conditions
- ☐ Superseding Order of Conditions
- ☐ Chapter 91 License
- ☐ 401 Water Quality Certification
- ☐ MHD or MDC Access Permit
- ☐ Water Management Act Permit
- ☐ New Source Approval
- ☐ DEP or MWRA Sewer Connection/ Extension Permit
- ☐ Other Permits (*including Legislative Approvals*) – Specify:

* Includes building sewers, forcemains, and water service connections to existing wells.

** Includes 3 forcemains in same trench

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

☐Yes (Specify_____) ☒No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

☐Yes (Specify_____) ☒No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

☒Yes (Specify: WH118 & PH 366, vernal pool, See attached) ☐No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

☒Yes (Specify See attached letter from Michael Volmar) ☐No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

☐Yes (Specify_____) ☒No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

☒Yes (Specify: Central Nashua River Valley, See attached) ☐No

PROJECT DESCRIPTION: The project description should include **(a)** a description of the project site, **(b)** a description of both on-site and off-site alternatives and the impacts associated with each alternative, and **(c)** potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

a) The project proponent, Fruitlands Museum, Prospect Hill Road, proposes to update their Subsurface Sewage Disposal System to adequately treat and dispose of the waste created through normal site functions. The existing site consists of 210± acres on the west side of Prospect Hill Road, east of the the railroad and the Oxbow National Wildlife Refuge. On site there are approximately 10 main structures, the use of these structures includes maintenance buildings, office space, restaurant and function hall, museums and galleries, shops, single family dwellings and barns. Along with these main buildings are a number of accessory buildings serving as sheds and storage. Also on site are a number of historical and archeological resources including some of the aforementioned structures along with some old foundations and wells and other archeologically significant areas. Except for the dwellings, the entire site is open to the public for functions and artifact viewing in the museums, galleries, and on the trails. There are wetland areas scattered along the lower elevations

b) The purpose of this project is to construct a Title 5 compliant, Subsurface Sewage Disposal System (SSDS), that will properly treat and dispose of the waste created by existing activities on site. The SSDS will be sized in order to adequately handle a maximum flow of 8,000 gallons per day as defined by Title 5 for the on-site uses. The construction of the proposed SSDS will abandon a number of sub-standard systems and combine the treatment into one compliant facility.

The disposal system includes a sanitary sewer line that collects on-site sewage in a central location. Following collection and the separation of solids, all effluent is treated by an innovative alternative treatment facility in order to clarify effluent and lessen its impact on the site. All effluent is then pumped to a suitable soil absorption area on-site. A number of official and unofficial soil tests were performed on the 210± acre site. Testing proved the field near the Knight Dudley House and Prospect

Hill Road is the most suitable area for soil absorption without affecting on site Historical and Archaeological resources and existing Rare Species and Vernal pool located along the southwestern edge of the property.

No new buildings, pavement or other impervious areas are proposed on site. All existing structures and archeological resources will remain undisturbed throughout construction. The construction on site will include the trenching for the sanitary sewer, installation of manholes, tanks and chambers, the forcemain which carries effluent from the collection area to the soil absorption area, and the absorption area. Following reestablishment of vegetation the area that will show the most noticeable change is the change in grade in the existing field over approximately ½ acre for the absorption area.

No on- or off-site alternatives to the improvements being proposed were identified as viable to those being proposed. The SSDS serving a facility must be on the same site as the facility being served.

c) No on- or off-site mitigation measures are necessary for the proposed project. The project does not increase impervious area on site and the proposed SSDS will increase treatment of on-site sewage prior to disposal. Temporary wetland buffer zone disturbance will be associated with the trenching of the forcemain connecting the Fruitlands building to the collection area to the absorption area. Disturbance to any buffer zone will be minimal.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1)
___ Yes _X_ No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	Existing	Change	Total
Footprint of buildings	24,000	0	24,000 SF
Roadways, parking, and other paved areas	68,630 SF	0	68,630 SF
Other altered areas (describe)	--	--	--
Undeveloped areas	208.3 acres	0	208.3 acres

B. Has any part of the project site been in active agricultural use in the last three years?
___ Yes _X_ No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?
_X_ Yes ___ No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:
See attached Forestry Plan by Hugh Putnam Jr. dated March 23, 1998

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? ___ Yes _X_ No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? _X_ Yes __ No; if yes, does the project involve the release or modification of such restriction? ___ Yes _X_ No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? ___ Yes _X_ No; if yes, describe: