

For Office Use Only  
Executive Office of Environmental Affairs  
EOEA No.: 12964  
MEPA Analyst: *Doree Buckley*  
Phone: 617-626-1044

# ENF Environmental Notification Form

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: <b>Proposed Rte. 146 Retail Service Station</b>		
Street: Route 146 Southbound		
Municipality: Millbury, MA	Watershed: Blackstone River	
Universal Transverse Mercator Coordinates: 027116      4674 60	Latitude: <b>42:11:38N</b>	Longitude: <b>71:45:38W</b>
Estimated commencement date: May 1 2003	Estimated completion date: Sept 1 2003	
Approximate cost: \$ 800,000	Status of project design:	80 %complete
Proponent: Astro Environmental LLC		
Street: 1083 Frank Smith Road		
Municipality: Longmeadow	State: MA	Zip Code: 01106
Name of Contact Person From Whom Copies of this ENF May Be Obtained: John Christopher		
Firm/Agency: Astro Environmental LLC	Street: 1083 Frank Smith Road	
Municipality: Longmeadow	State: MA	Zip Code: 01106
Phone: 413 565 2725	Fax: 413 565 2726	E-mail: hunterdev@attbi.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. \_\_\_\_\_)       No
- Has any project on this site been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)       No
- 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): None

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)       No

List Local or Federal Permits and Approvals:  
 Federal Permits/Approvals – **None**  
 Local Permits/Approvals – **Zoning Board of Appeals-Use Variance, Planning Board-Site Plan, Building Permit, Conservation Commission-Order of Conditions Board of Health – Title V Subsurface Sewage Disposal**

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

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands      |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater   | <input checked="" type="checkbox"/> Transportation             |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste               |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations  | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input checked="" type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	3.0+			
New acres of land altered		2.0		
Acres of impervious area	.71	1.1	1.81	
Square feet of new bordering vegetated wetlands alteration		1760-filled 3520-replicated		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		N/A		
<b>STRUCTURES</b>				
Gross square footage	3800	3540	-260	
Number of housing units	n/a	n/a	n/a	
Maximum height (in feet)	15	35	35	
<b>TRANSPORTATION</b>				
Vehicle trips per day	15	2200	2215	
Parking spaces	10	15	25	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	50	1200	1250	
GPD water withdrawal	50	-50	0	
GPD wastewater generation/treatment	400	600	1000	
Length of water/sewer mains (in miles)	Water- None Sewer-None	Water - 0.2 Sewer - None	Water - 0.2 Sewer-None	

**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 \_\_\_\_\_)  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 \_\_\_\_\_)  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 \_\_\_\_\_)  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.)

#### **Site Description**

*The site is approximately 3.0+ acres and is located along Rte 146 Southbound, approximately 1 mile south of the Tainter Hill Road exit. Route 146 provides the only access to the property and this portion of Rte 146 is a full access roadway. The majority of the site has been previously cleared and improved and only the rear of the property has existing trees and vegetation. The improved part of the property, which currently exists, is paved and/or landscaped. The site contains two designated wetland areas one in the southwest portion of the site and one in the southeast corner of the site. The site structures are currently comprised of an existing 3800 Sq. Ft. block and metal warehouse building and two 30,000 gallon propane storage tanks. The building is less than 50 years old and is currently used for the handling, storage, and filling of smaller retail propane bottles (for propane grills and such). The two above ground storage tanks are used as a distribution terminal for smaller delivery truck to service residential and business propane customers in the area. The site is serviced by a private well and subsurface sewage disposal system. The site is bounded to the north by a MassHighway District 3 maintenance facility and to the west and south by undeveloped, industrially zoned, private land.*

#### **Alternatives, Impacts, and Mitigation**

*Petitioner proposes to demolish the existing building and construct a 3540 Sq. Ft. convenience store with drive thru. Five fueling islands and a canopy will be installed to service automobiles and three fueling islands and a canopy will be installed to service trucks. The existing handling, storage and filling of the smaller propane bottles will be discontinued and the two 30,000 gallon propane tanks will be relocated to the rear of the property. A new 1,000 foot water line will be installed to provide water for the store and fire protection for the propane tanks. The water will be supplied by the Aquarian Water Company. This discontinuance of processing the smaller propane bottles and the addition of a new water supply will greatly enhance site safety.*

*Currently, the existing untreated stormwater is allowed to flow into multiple catch basins, both onsite and offsite. This untreated storm water is then transferred and released at an unknown*

**destination across route 146. The project proposes to collect all stormwater runoff on site. The water will be treated upon entering the catch basins by an Abtech Ultra Urban Filter. It will then be transferred to an onsite detention pond and allowed to infiltrate back into the ground. The new stormwater treatment system will meet the current stormwater regulations and will be a vast improvement relative to existing conditions. The project proposes to utilize the Best Management Practices (BMP's) as outlined in the Stormwater Management Policy.**

**Offsite improvements include the construction of an acceleration and deceleration lanes to provide safe entry into and exit from the site. Both lanes were designed in conjunction with MassHighway in order to incorporate the needs of their Maintenance facility. The construction of the acceleration lane requires the filling of approximately 1760 SF of wetlands. These are the only wetland being altered on the site and the filling is required to allow safe exit from the site for both the public and MassHighway vehicles. The only alternative to this impact is to not build the acceleration lane. This would create a serious safety hazard and would be unacceptable. As mitigation to this impact, the wetlands will be replicated at a 2:1 ratio (3,520 SF), approximately 500 ft further south along Rte 146, as shown on the attached plans. The only alternative to this impact is to not build the acceleration lane. This would cause an unsafe condition.**

**A complete traffic study was performed for the project and included for your review. The project will generate approximately 2,200 new vehicle trips per day to the site. The construction of the deceleration and acceleration lane was incorporated in to the project to mitigate the effect of these new trips.**

**The proponents have taken care in the layout and design of the site to provide the smallest area of impact to the site's resources and keeping the project viable. A no-build alternative would not provide the services and resources desired by the community at this site, it would not meet the objectives of the project, and would eliminate the significant safety and environmental improvements proposed.**