

# ENF Environmental Notification Form

*For Office Use Only*  
*Executive Office of Environmental Affairs*  
EOEA No.: **13040**  
MEPA Analyst: **NICK ZAVALAS**  
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: <b>Low Street – Lift Station Relief Sewers</b>		
Street: <b>Storey Ave., Russell Terrace, Russell Terrace Ext. and Former I-95 Northbound Lane</b>		
Municipality: <b>City of Newburyport</b>	Watershed: <b>Parker River</b>	
Universal Transverse Mercator Coordinates: <b>NAD 27 343470-343724E / 4740440-4742266N</b>	Latitude: <b>42°48'09" - 42°49'08"</b>	
	Longitude: <b>70°54'40" - 70°54'53"</b>	
Estimated commencement date: <b>SEPT 2003</b>	Estimated completion date: <b>FEB 2004</b>	
Approximate cost: <b>\$1,800,000</b>	Status of project design:	<b>80</b> %complete
Proponent: <b>Newburyport Sewer Department</b>		
Street: <b>157 Water Street</b>		
Municipality: <b>Newburyport</b>	State: <b>MA</b>	Zip Code: <b>01950</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Corey N. Repucci</b>		
Firm/Agency: <b>Weston &amp; Sampson Engineers</b>	Street: <b>5 Centennial Drive</b>	
Municipality: <b>Peabody</b>	State: <b>MA</b>	Zip Code: <b>01960</b>
Phone: <b>(978) 532-1900 Ext. 2317</b>	Fax: <b>(978) 977-0100</b>	E-mail: <b>repuccic@wseinc.com</b>

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. 8450)  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 301 CMR 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):

The former I-95 roadbed was given to the city of Newburyport by the Massachusetts Highway Department. (110.91 ACRES)

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

List Local or Federal Permits and Approvals:  
WPA Form 5 – Order of Conditions  
Sewer System Extension Permit – Permit No. W009721

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 checked="" type="checkbox"/> Wastewater | <input 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 checked="" type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	5.92			
New acres of land altered		0.54		
Acres of impervious area	5.38	-0.78 <sup>(1)</sup>	4.60	
Square feet of new bordering vegetated wetlands alteration		<50		
Square feet of new other wetland alteration		~21,700		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	224	- 224	0	
Number of housing units		0		
Maximum height (in feet)		0		
<b>TRANSPORTATION</b>				
Vehicle trips per day		0		
Parking spaces		0		
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use		0		
GPD water withdrawal		0		
GPD wastewater generation/ treatment	0	0	0	
Length of water/sewer mains (in miles)	0.42 <sup>(2)</sup>	0.86 <sup>(3)</sup>	1.28	

<sup>(1)</sup> Existing paved area of former I-95 roadbed will be replaced with a pervious surface.

<sup>(2)</sup> 0.14 miles of sewer has gravity and force main in a parallel trench.

<sup>(3)</sup> 1.23 Miles of new gravity sewer is proposed, 0.37 miles of existing parallel sewer is to be removed or abandoned. Approximately 600 feet (0.11 mile) of new sewer is located outside of existing roadway surface.

Blanks in table represent characteristics for which data is not available because they will not be significantly impacted by the project.

**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: **Estimated Habitat: Upland Sandpiper**)  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.*)

The proposed project consists of improving the City of Newburyport’s ability to collect and transport wastewater. The project consists of construction or replacement of approximately 7,000 linear feet of gravity sewer to connect the rehabilitated sewer to Newburyport’s existing system via gravity. Through the replacement and construction, the Russell Terrace Pump Station will be decommissioned and demolished, along with the abandonment of existing gravity sewer and force mains within the project area. The demolition of the pump station will result in less electrical consumption. The project will be located within the rights of way on Storey Avenue, Russell Terrace and Russell Terrace Extension. From Russell Terrace Extension the project will go cross-country approximately 600 linear feet before entering the Former I-95 Northbound roadbed.

An alternative solution to placing the sewer in the proposed location is to run the sewer within the Low Street right of way (ROW) that is heavily congested with both vehicles and underground utilities. Placing the sewer in this ROW will increase the average depth of sewer excavation and the length of sewer construction necessary to eliminate the existing problems by approximately 1,000 feet. Along with increasing the amount of sewer placed within the roadway, the time necessary to complete the project will be substantially longer. The longer and deeper work will also require more dewatering, thereby increasing project costs and environmental impacts. By increasing the length and depth of sewer, the time for construction and the overall cost of this alternative is greater than that of the proposed project; therefore the alternative is considered infeasible.

By decreasing the construction time, negative impacts due to construction, including noise, dust, stormwater runoff and other disturbances will be minimized. Construction related impacts would be temporary and mitigated to the greatest extent possible.