



Commonwealth of Massachusetts
 City/Town of Lincoln
Percolation Test
Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Site Information

Town of Lincoln
 Owner Name
 18 Twin Pond Rd
 Street Address or Lot #
 Lincoln MA 01773
 City/Town State Zip Code
 Angela seaborg 781 259 2612
 Contact Person (if different from Owner) Telephone Number

B. Test Results

	5/10/07	11	5/10/07	1130
	Date	Time	Date	Time
Observation Hole #	2		3	
Depth of Perc	42		60	
Start Pre-Soak	1035		1130	
End Pre-Soak	1050		1145	
Time at 12"	1050		1145	
Time at 9"	1108		1157	
Time at 6"	1125		1212	
Time (9"-6")	17		15	
Rate (Min./Inch)	6		5	
	Test Passed: <input checked="" type="checkbox"/>	Test Failed: <input type="checkbox"/>	Test Passed: <input checked="" type="checkbox"/>	Test Failed: <input type="checkbox"/>

Stanley Sosnicki
 Test Performed By:
 Lincoln BoH
 Witnessed By:
 Comments:



COPY

May 31, 2007

Mr. Tom Gumbart
Director, Town of Lincoln Conservation Commission
Town Office Building
Lincoln Road
Lincoln, MA 01773

**Re: ASTM Transaction Screening
18 Twin Pond Lane
Lincoln, MA
Norfolk Project 1174.001.01**

Dear Mr. Tom Gumbart:

Pursuant to your request, Norfolk Ram Group, LLC. (Norfolk) has performed an ASTM Transaction Screening Process (E1528-06) for the property designated as 18 Twin Pond Lane in Lincoln, MA, referred to hereafter as the Site (Map 120, Block 5 Lot 0). The purpose of this Transaction Screening is to identify potential liability as defined in MGL c. 21E associated with the release or threat of release of oil and hazardous materials on or in the vicinity of the Site.

In order to perform the ASTM Transaction Screening, an environmental professional of Norfolk executed a visual walk over inspection of the entire Site on May 10, 2007. Weather conditions during the inspection were sunny and 80 degrees Fahrenheit. A representative of the Town of Lincoln, MA Conservation Commission, Mr. Tom Gumbart, was interviewed in accordance with the Transaction Screen Questionnaire on May 10, 2007. A search of federal, state and local databases was conducted using **Environmental First Search™** to complete the Questionnaire.

Findings

Please refer to the Transaction Screen Questionnaire located in *Appendix A*, and the Site Locus Map (*Figure 1*).

The Site is located by the Universal Transverse Mercator Geographic Coordinate System at 309682.012 Easting and 4696754.674 Northing in Zone 19. The Site and surrounding area is currently zoned Residential and consists of 5.76 acres of land. The Site is occupied by a two-story vacant residential home building owned by the Town of Lincoln, MA (*Photo Documentation Appendix C*). The Site is bounded by residential properties to the north and south, Twin Pond Lane to the east and Twin Pond to the west. The Site was previously owned by Florence Hollingsworth who is recently deceased and granted the property to the Town of Lincoln, MA. The on-Site residence was built in 1963 and was previously vacant land prior to its construction. The Site uses an on-Site septic system and municipal water connection.

No evidence of underground tanks were observed on-Site; nor did Norfolk find any stained soils or other evidence of potential contamination or areas of concern on the Site. Mr. Tom Gumbart, Director of the Conservation Commission of the Town of Lincoln, MA, who completed the owners section of the Transaction Screen Questionnaire, found in Appendix A, answered affirmative to only one question, 10A, in the transaction screen questionnaire. Norfolk also answered affirmative to question 10a; are there

currently any registered or unregistered storage tanks (above or underground) located on the property. During the Site visit, Norfolk observed two (2) unregistered 275-gallon heating oil above ground storage tank (AST) located in the basement of the Site building. De minimus staining was associated adjacent to the AST's. Norfolk did not answer affirmative to any other questions included in the Site visit portion of the questionnaire.

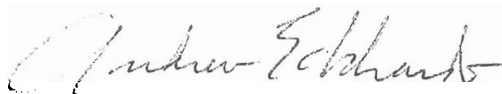
A review of aerial photos and topography maps suggests that groundwater flow is to the east. The Massachusetts Department of Environmental Protection (MADEP) Priority Resource Map, included as **Figure 2**, shows the location of the Site, 18 Twin Pond Lane, incorrectly. The Site is located approximately 0.133 miles south, between the cul de sac of Twin Pond Lane and Twin Pond. According to the MADEP Priority Resource Map, the Site is not located within a current or potential drinking water source area or Zone II Public Water Supply. There are protected open spaces adjacent to the Site to the east across Twin Pond. There are no areas of critical concern (ACEC) within 500 feet. of the Site. A 100 foot wetlands buffer exists on-Site around the perimeter of Twin Pond.

The **Environmental FirstSearch™** scanned government databases for information on potentially hazardous locations within a one mile radius of the subject property. The results of the search are reported in **Appendix B** and include a descriptive list of each site reported, and a more detailed summary of each site listed. The property in question was not listed as the source of a release of oil or hazardous materials in federal, state or local records. There are no Federal or State and Tribal equivalent NPL's (superfunds) or Federal RCRA CORRACTS (RCRA corrective actions) within one mile of the Site. There are no Federal Delisted NPL, Federal CERCLIS (potential superfund), Federal CERCLIS No Further Remedial Action Planned (NFRAP), State and tribal equivalent CERCLIS, SWLs (solid waste landfills), State and tribal leaking storage tanks, State and tribal voluntary cleanup or Sate and tribal Brownfield sites within one half mile of the Site. There are no Federal RCRA Generators or State and tribal registered tanks on any adjoining properties. There are three state (3) State locations within a mile and two (2) spill locations within a half of a mile of the Site. It is Norfolk's opinion, due to distance, location and/or regulatory status, that these locations pose no significant risk to the subject Site.

According to the information reviewed and our Site inspection, no recognized environmental conditions (REC's) or historical recognized environmental conditions (HREC's) associated with this property were established.

Please do not hesitate to call the undersigned at (508)-478-1276 for further discussion. Norfolk Ram Group appreciates the opportunity to have been of service.

Sincerely,
NORFOLK RAM GROUP



Andrew Eckhardt
Environmental Scientist



Brian V. Moran, P.E., LSP
Principal

Attachments
Figure 1: Site Locus Map
Figure 2: DEP Priority Resource Map

Appendix A: ASTM Transaction Screening Questionnaire
Appendix B: **Environmental FirstSearch™**
Appendix C: Photo Documentation