

United States

# EPA ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

## PROPERTY PROFILE FORM—Brownfields

Public reporting burden for this collection of information is estimated to average 1.25 hours per response, including the time for reviewing instructions, searching data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other aspect of this collection of information, including suggestions for reducing this burden, to the Environmental Protection Agency, Office of Environmental Information, Code 2822T, Washington, DC 20460 and to the Paperwork Reduction Project, Office of Management and Budget, Washington, DC 20503. DO NOT RETURN your form to either of these addresses. Send your completed form to the address provided by the issuing office.

### PART I GRANT RECIPIENT INFORMATION

**1. Grant Recipient Name** (State/Tribe for Section 128(a) Grants **2. Grant Number** (contract number for TBAs)  
Town of Sprague, CT BF- 97156001-0

**3. Type of Brownfields Grant (check only one box):**

Assessment  Section 128(a) – State and Tribal Response Program  
Revolving Loan Fund  TBA (EPA Regions Only)

Cleanup

**4. For Assessment, Cleanup, and Revolving Loan Fund grants, what type of funding is being used at the property?**  Hazardous Substance  Petroleum  Both

**5. Indicate if this form is the Initial or Updated Form:** **6. Date:** November 4, 2009

Initial Form  Updated Form

### PART II PROPERTY INFORMATION Property Background Information

**7. Property Name:** Sprague Land Preserve (formerly Mukluk Preserve)

**8. Street Address:**

239 Pautipaug Hill Rd., Sprague, CT 06330

**9. Size (in acres):** 270 +/-

**10. Parcel Number(s):** Map 6, Block 1, Lots 3 & 4\_

**11b. Current Owner:** Town of Sprague

**11a. Ownership Entity:**

Government (Tribal, State, Local)  Private

### Ownership & Superfund Liability (Mandatory for Cleanup and RLF Grants)

**12a. During the life of the grant, did ownership change?** **12b. If "yes," did Superfund federal landowner liability factor into the ownership change?**

Yes  No

Yes  No  Unknown

### Property Geographic Information (EPA Brownfields Program, or its contractors, will provide complete latitude/longitude information if grant recipients are unable)

**13a. Latitude**  
41.654900

**13b. Longitude**  
72.111400

**13c. Horizontal Collection Method**

### Property History Information (as available)

**14. Property Description / History / Past Ownership:** **15. Predominant Past Use(s) (check all that apply):**

Wooded, undeveloped, small cabin, Mukluk

Type            Acreage            Type            Acreage           

Sportsmen's Club owners purchased land from

Greenspace 270+/- Commercial           

Baltic Mill Co. in 1966

Residential            Industrial

**PART III ENVIRONMENTAL ASSESSMENT INFORMATION** (mandatory for Assessment Grants, State & Tribal Property Specific Assessments, and TBAs; as available for Cleanup and RLF grant recipients)

**Table A – Environmental Assessment Activity** (If there are multiple assessments, please use a separate line for each assessment)

Environmental Assessment Detail Source of Funding (enter one source of funding per line; (do not include funding received prior to the award of this EPA grant))

Phase	Start Date	Completion Date	This US/EPA Grant	Other Federal	State Tribal	Local Govt	Private/ Other	Name of Entity Providing Funds	Amount of Funding
I, II	4/2004	6/2004				X		Town of Sprague	
III	8/2004	12/2004				X		Town of Sprague	

16. Indicate whether cleanup is required:  Yes No Unknown

**Make sure to complete Part V – INSTITUTIONAL CONTROLS INFORMATION before submitting this Property Profile Form to your EPA Regional Representative**

**PART IV CONTAMINANTS & MEDIA AFFECTED INFORMATION** (mandatory for all grant types)

**Table B – Contaminants and Media Affected** (check all that apply)

Class of Contaminant	Contaminants		Media		
	Found	Cleaned Up	Media	Affected	Cleaned Up
Petroleum/Petroleum Products			Soil	<input checked="" type="checkbox"/>	
Controlled Substances			Air		
Asbestos			Surface Water		
PCB's			Ground Water		
VOC's			Drinking Water		
Lead	<input checked="" type="checkbox"/>		Sediments	<input checked="" type="checkbox"/>	
Other metals (Arsenic)	<input checked="" type="checkbox"/>		No Media Affected		
PAH's	<input checked="" type="checkbox"/>		Unknown		
Other Contaminants					
No Contaminants					
Unknown					

**State & Tribal Brownfields/Voluntary Response Program Information**

17a. State & Tribal Program Enrollment (If the property was not enrolled in a state program, check Property Not Enrolled check box):

Date of Enrollment October 3, 2006 ID Number (if applicable) \_\_\_\_N/A\_\_\_\_ Property Not Enrolled in a State or Tribal Program

17b. Date No Further Action/Cleanup Completion Document (if the property was not enrolled in a state or tribal program, leave blank):

Date: \_\_\_\_\_





**27. Property Highlights**

The Mukluk Preserve is an important addition to the open space inventory of the region due to its size (270 acres), its vastly varying terrain (cliffs, waterfalls, ridges, valleys, marshes), and its mile-long frontage on the Shetucket River. It lies within the National Heritage Corridor and is part of the Last Green Valley, the largest continuous roadless tract in New England. It is bordered on the river side by the Mohegan State Forest and Salt Rock State Park, and to the east and west by as-yet undeveloped tracts of land.. Its diverse natural resources also contribute to its vulnerability as an economically valuable piece of property. The citizens of Sprague voted in 2004 to preserve this property to insure that it could be enjoyed in its natural state for many years to come, and have made a commitment to removing the hazards placed there over the years by the shooting club. With the Brownfields grant the Town was able to remediate the area with the greatest concentration of lead shot, and convert this space into a recreational field. It also remediated the main access road to the property, allowing safe passage by walkers and vehicles to the farthest parts of the preserve. The Town has instituted institutional controls in the form of a permanent containment fence which was installed along this road; additional containment fence was erected, to delineate for visitors the areas still determined to contain high concentrations of lead. This approach was acceptable to the CT DEP and Department of health Services. The Town in partnership with the University of Connecticut conducted a pilot study of phytoremediation as a method for reducing lead concentrations in soil; this method proved to be ineffective due to the terrain, topography, and high levels of lead at this site. The project was completed on December 31, 2009, (For additional remediation documentation and information please see the EPA quarterly report narrative on the Mukluk website at [www.ctsprague.org](http://www.ctsprague.org))

**Property Photograph Information**

**28.** Indicate whether photographs are available:  
Yes

**29.** Indicate whether video is available:  
No

**PART IX APPROVALS**

**30. Grant Recipient Project Manager**

Name (Please Print)	Signature	Date
Paul Burgess, LEP		January 15, 2010
_____	_____	_____

**31. US EPA Regional Representative**

Name (Please Print)	Signature	Date
_____	_____	_____