

**NUS CORPORATION**  
**SUPERFUND DIVISION**

**INTERNAL CORRESPONDENCE**

C-583-12-4-69

**TO:** NANCY PILIGIAN

**DATE:** DECEMBER 19, 1984

**FROM:** HANS-PETER KRAHN <sup>HPK</sup>

**COPIES:** FILE

**SUBJECT:** LETTER REPORT: TRAFTON HOISINGTON FARM  
PRELIMINARY ASSESSMENT  
TDD No. F1-8411-02  
Job No. VT01-PA  
0300.01

Disclaimer: The documents prepared within comply with requirements set forth under EPA Superfund legislation. They do not, however, necessarily fulfill the requirements of other EPA regulations such as RCRA.

On Tuesday, December 18, 1983, a perimeter survey was conducted of the Trafton Hoisington Farm located on Hewitt Road in Windsor, Vermont, by Hans-Peter Krahn, Tom Plant, and Tom Woodard (NUS/FIT), Harold Garabedian (Vermont Dept. of Air and Waste), and Herbert Ferris (present owner). The privately owned site consists of approximately three (3) acres of flat agricultural fields. To the south the site slopes moderately for 500 feet to Mill Brook. North of the site is an access road (off Hewitt Road) and a 15 foot slope leading up to a much larger agricultural field. The western edge is wooded and slopes downward. Hewitt Road runs along the northeastern side of the site. The site consists of a section of Trafton Hoisington's Farm that he leased to the Town of Windsor. This parcel of land was used as a town dump and landfill by the Goodyear Tire and Rubber Company between 1963 and 1971. A few drums could be seen along the slope leading down to the river. Also, some rubber products were found lying on the topsoil, apparently due to plowing of the field. Although there is no barrier limiting access, the area is sparsely populated.

The site is situated on relatively impermeable glacial till of unknown thickness. The underlying bedrock in this area, the Waits River Formation, is generally composed of weathered crystalline limestone as well as phyllites and schists. The phyllites and schists found in the vicinity are highly fractured, suggesting that they are quite permeable. Surface water drains into the Mill Brook basin, which drains eastward to Mill Pond, and then into the Connecticut River in downtown Windsor.

The Goodyear Tire and Rubber Company in Windsor, Vermont manufactures rubber soles and heels for shoes, thermoplastic shoe soles and rubber industrial products. Production includes mixing of raw materials, injection molding, pressure curing, and finish dyeing. The hazardous wastes generated at the plant and disposed of at the Trafton Hoisington Farm Site (prior to permitting) include mixtures of inks, paints, and various solvents such as MEK, toluene, and xylene from the dyeing process, oily sludges from waste coolant oils, and waste acids from acid dip tanks used occasionally for cleaning and curing of specialized products. Past state compliance inspections suggest the wastes were both containerized in 55 gallon drums and collected by tank trucks and disposed of amongst the other debris.

In closest proximity to the site are the homes of Mr. Herbert Ferris and Mr. Charles Conquest. They lie approximately 300 - 600 feet northeast and uphill of the former landfill. Mr. Ferris's drinking water well, located adjacent to his home, is 130 feet deep in unknown material. A holding pond east of the site is used in irrigating the crops cultivated on the site. Other possible receptors include private wells of the 20 to 25 residences situated downstream along the Mill Brook. Mill Brook, which drains into Mill Pond in downtown Windsor, is a recreational swimming hole approximately three (3) miles from the site.

Based on the data collected for the preliminary assessment, it is recommended that a site inspection be conducted on the Trafton Hoisington Farm Site. The data to substantiate this recommendation includes:

- Notification of hazardous disposal (form 8900-1)
- Unknown quantities of chemicals present on site
- Potential groundwater contamination due to the waste disposal
- Potential surface water contamination due to the waste disposal
- Receptors that include drinking water wells that support upwards of 100 people and a recreational swimming pond
- Potential for direct contact

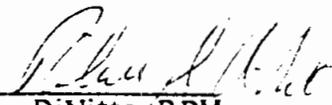
The site inspection should include soil sampling, surface water sampling of the holding pond and Mill Brook, and residential well sampling. Ideally, this sampling effort would include the acquisition of representative groundwater in order to determine if groundwater has been contaminated.

Although the site inspection has been given a medium priority assessment due to the distance to potential receptors, these receptors do include drinking water wells to which any contamination may migrate to.

HPK/tan

cc: R. DiNitto  
B. Buckley  
D. Sandhaus  
T. Plant  
D. Smith

Reviewed and approved by:

  
R. DiNitto, RPM

Date:

1-8-75



A Halliburton Company

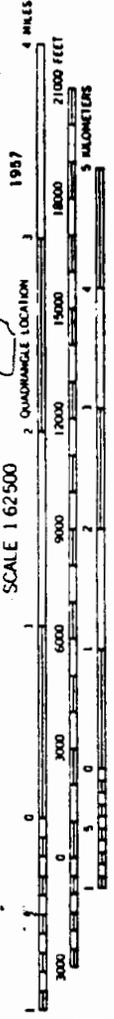
FIGURE 1

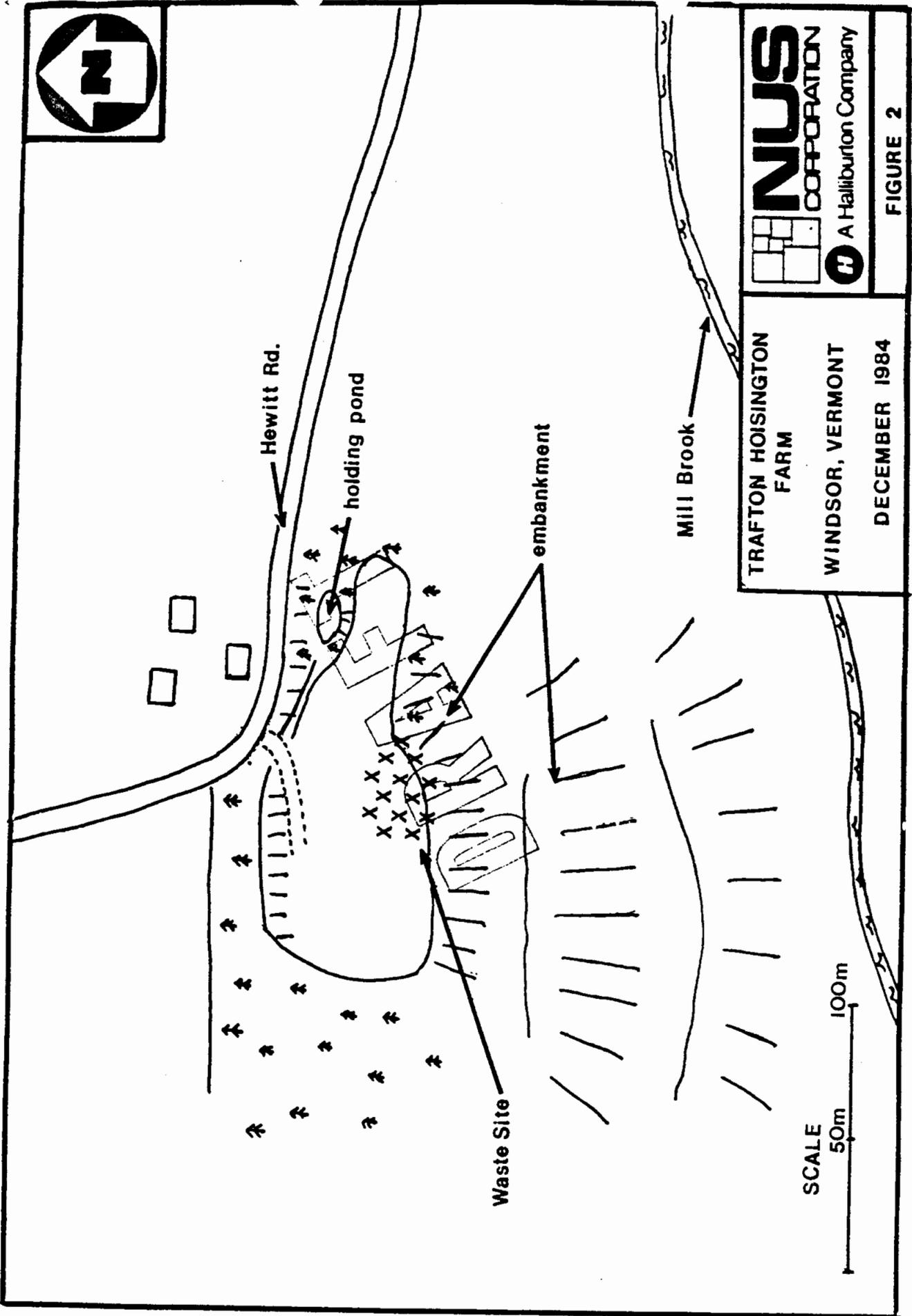
TRAFTON HOISINGTON FARM

WINDSOR, VERMONT

DECEMBER 1984

CLAREMONT, N. H. - VT.  
N4315-W7215/15





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CORPORATION  
A Halliburton Company

TRAFTON HOISINGTON  
FARM  
WINDSOR, VERMONT  
DECEMBER 1984

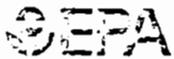
FIGURE 2

## SOURCES

- 1) EPA Form 8900-1 Notification of Potential Hazardous Waste Site
- 2) Files from Vermont Department of Air and Hazardous Waste
- 3) Project logbook, NUS/FIT
- 4) Interview, 12-18-84 between Herbert Ferris (property owner), Harold Garabedian (VT State Representative of Department of Air and Hazardous Waste) and Hans-Peter Krahn (NUS/FIT)
- 5) U.S.G.S. Claremont, NH-VT 15 Minute Topographic Map







POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

IDENTIFICATION  
VT VTD 980 906 846

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS

<p>01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION 02 POPULATION POTENTIALLY AFFECTED <u>70-100</u></p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p><input checked="" type="checkbox"/> POTENTIAL ALLEGED</p>
<p>Goodyear Tire and Rubber Co. acknowledged that they had disposed of solvents on site. The residents in vicinity have private drinking water wells.</p>		
<p>01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION 02 POPULATION POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p><input checked="" type="checkbox"/> POTENTIAL ALLEGED</p>
<p>Runoff from the site empties into Mill Brook. Mill Brook is source for Mill Pond, a public swimming pond. Also, an agricultural holding pond is located near the site.</p>		
<p>01 <input type="checkbox"/> C. CONTAMINATION OF AIR 02 POPULATION POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p>POTENTIAL ALLEGED</p>
<p>01 <input type="checkbox"/> D. FIRE EXPLOSIVE CONDITIONS 02 POPULATION POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p>POTENTIAL ALLEGED</p>
<p>01 <input checked="" type="checkbox"/> E. DIRECT CONTACT 02 POPULATION POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p><input checked="" type="checkbox"/> POTENTIAL ALLEGED</p>
<p>Access not restricted.</p>		
<p>01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL 02 AREA POTENTIALLY AFFECTED <u>unknown</u></p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p><input checked="" type="checkbox"/> POTENTIAL ALLEGED</p>
<p>The site was a recipient of solvents and chemicals from the Goodyear Tire and Rubber Company.</p>		
<p>01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION 02 POPULATION POTENTIALLY AFFECTED <u>70-100</u></p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p><input checked="" type="checkbox"/> POTENTIAL ALLEGED</p>
<p>Solvents disposed of on site may migrate to the private wells used to supply the drinking water.</p>		
<p>01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY 02 WORKERS POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p>POTENTIAL ALLEGED</p>
<p>01 <input type="checkbox"/> I. PUBLIC EXPOSURE/INJURY 02 POPULATION POTENTIALLY AFFECTED _____</p>	<p>03 OBSERVED DATE _____ 04 NARRATIVE DESCRIPTION</p>	<p>POTENTIAL ALLEGED</p>

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POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

VT VTD 980 906 846

PART C - DESCRIPTION OF HAZARDOUS WASTE(S) ON SITE

HAZARDOUS WASTE(S) AND INCIDENTS	HAZARDOUS WASTE(S) AND INCIDENTS	POTENTIAL	ALLEGED
<input checked="" type="checkbox"/> X	The land above the site is used for agriculture.	<input checked="" type="checkbox"/> X	
<input checked="" type="checkbox"/> X	POPULATION POTENTIAL EXPOSED <u>unknown</u>	<input checked="" type="checkbox"/> X	ALLEGED
	Solvents have been disposed of on site. Drums are present on surface.		
		POTENTIAL	ALLEGED
		POTENTIAL	ALLEGED
		POTENTIAL	ALLEGED

DRAFT

Solvents and other waste products from the Goodyear Tire and Rubber Company have been disposed of on site. Those wastes may migrate to drinking water wells, be carried off by the river into the swimming pond, or be absorbed by the food crops grown on site.

1. Notification of Potential Hazardous Waste Site EPA Form 8900-1
2. State of Vermont Air and Hazardous Waste files (Goodyear Tire and Rubber Co.)
3. Project Logbook, NUS/FIT

**NATIONAL PRIORITIES LIST  
CHECKLIST OF DATA REQUIREMENTS**

Site Name: Trafton Hoisington Farm, Windsor Vermont  
 TDD No.: F1-8411-02  
 NUS Job No.: VT01-PA

Notes: Geohydrology data for the area is available from several U.S.G.S. and state publications.

<u>DATA ELEMENT/PATHWAY</u>	<u>Available</u>	<u>Not Appropriate</u>
<u>Ground and Surface Water and Air</u>		
1. Waste physical state	no	
2. Persistence	no	
3. Toxicity	no	
4. Quantity	no	
<u>Ground Water</u>		
1. Monitoring data (if yes, skip 1a, 1b, 1c)	no	
1a. Depth of aquifer	no	
1b. Net precipitation	yes	
1c. Permeability	no	
2. Ground water use	yes	
3. Distance to nearest down-gradient well	yes	
4. Population served by wells within 3 miles	no	
<u>Surface Water</u>		
1. Monitoring data (if yes, skip 1a, 1b, 1c, 1d)	no	
1a. Slope of terrain	yes	
1b. Rainfall intensity	yes	
1c. Distance to surface water	yes	
1d. Flood potential	yes	
2. Surface water use	no	
3. Critical habitats	no	
4. Population served	no	
<u>Air</u>		
1. Monitoring data		NA
2. Waste reactivity		
3. Incompatibility		
4. Toxicity		
5. Distance to nearest population		
6. Population within 1 mile		
7. Critical environments		
8. Land use		

**NATIONAL PRIORITIES LIST  
CHECKLIST OF DATA REQUIREMENTS  
Page 2**

<u>DATA ELEMENT/PATHWAY</u>	<u>Available</u>	<u>Not Appropriate</u>
<u>Fire and Explosion</u>		
1. Ignition source	<u>no</u>	<u>                    </u>
2. Containment	<u>no</u>	
3. Ignitability	<u>no</u>	
4. Reactivity	<u>no</u>	
5. Incompatibility	<u>no</u>	
6. Distance to population	<u>yes</u>	
7. Distance to off-site building	<u>yes</u>	
8. Distance to sensitive ecosystems	<u>no</u>	
9. Land use	<u>yes</u>	
10. Population within 2 miles	<u>no</u>	
11. Buildings within 2 miles	<u>no</u>	
<u>Direct Contact</u>		
1. Evidence (if yes, skip 1a, 1b)	<u>no</u>	<u>                    </u>
1a. Accessibility	<u>yes</u>	
1b. Containment	<u>yes</u>	
2. Toxicity	<u>no</u>	
3. Population within 1 mile	<u>no</u>	
4. Critical habitat	<u>no</u>	
5. Land use	<u>yes</u>	