

file

**NUS CORPORATION
SUPERFUND DIVISION**

INTERNAL CORRESPONDENCE

C-583-8-5-133

TO: DON SMITH
FROM: LIYANG CHU *L.C.W.*
SUBJECT: ABERJONA AUTO PARTS SITE
TDD No. F1-8508-01
Reference No. MA53SI

DATE: SEPTEMBER 19, 1985
COPIES: FILE

The NUS Field Investigation Team (NUS/FIT) was tasked by Region I U.S. Environmental Protection Agency (EPA) to perform an abbreviated site inspection and to update existing records of the Aberjona Auto Parts Site under Technical Directive Document (TDD) F1-8508-01. The Site Inspection package consists of a letter report and EPA Form 2070-13. No HRS ranking was conducted as the site is part of the ongoing Remedial Investigation and Feasibility Study of the Woburn Wells G & H Site which is already listed on the National Priority List.

LC/mth

cc: R. DiNitto
J. Morin
N. Demorest
T. Plant
T. Centi/ZPMO

Reviewed and Approved by:

R. DiNitto
R. DiNitto, RPM

Date:

9-19-85

**NUS CORPORATION
SUPERFUND DIVISION**

INTERNAL CORRESPONDENCE

C-583-8-5-134

TO: DON SMITH

DATE: SEPTEMBER 19, 1985

FROM: LIYANG CHU ^{LCW}

COPIES: FILE

SUBJECT: ABERJONA AUTO PARTS DRAFT SITE INSPECTION REPORT
TDD No. F1-8508-01
Reference No. MA53SI

Please find enclosed three (3) copies of the Draft Site Inspection (SI) package for the Aberjona Auto Parts Site located at 278 Salem Street in Woburn, Massachusetts, ERRIS No. MAD019722594. The SI package consists of a letter report and the EPA Form 2070-13.

This package was prepared in response to Technical Directive Document F1-8508-01 and constitutes completion of the site investigation of the subject facility.

LC/mth

cc: R. DiNitto
J. Morin
N. Demorest
T. Plant
T. Centi/ZPMO

Reviewed and Approved by:


R. DiNitto, RPM

Date: 9-19-85

**NUS CORPORATION
SUPERFUND DIVISION**

INTERNAL CORRESPONDENCE

C-583-9-5-74

TO: DON SMITH/EPA

DATE: SEPTEMBER 19, 1985

FROM: LIYANG CHU

COPIES: FILE

**SUBJECT: ABERJONA AUTO PARTS DRAFT SITE INSPECTION REPORT
TDD No. F1-8508-01
Reference No. S300 MA53SI**

INTRODUCTION

NUS/FIT Region I was tasked by the U.S. Environmental Protection Agency (EPA) Superfund Branch to prepare an update on the status of the Aberjona Auto Parts Site which will serve as a Preliminary Assessment/Site Inspection report. This task was performed under Technical Directive Document (TDD) No. F1-8508-01 which was issued to NUS/FIT Region I on August 2, 1985.

The documents prepared within comply with requirements set forth under EPA Superfund Legislation (CERCLA). However, they do not necessarily fulfill the requirements of other EPA regulations, such as RCRA. The Site Inspection is only intended to provide a preliminary screening of sites to facilitate site prioritization by EPA. It is a limited effort and is not intended to supplant a more detailed investigation.

SITE DESCRIPTION

The Aberjona Auto Parts facility is located at 278 Salem Street in Woburn, MA. The facility is situated on two lots (#34 and #36) consisting of 6.51 total acres and is bordered on the northeast by the Aberjona River, on the southwest by the Whitney Barrel Company, on the south by Salem Street, and to the northwest by the former J.J. Riley Company property (See Figures 1 and 2). A Metropolitan District Commission/city of Woburn Sewer easement (Lot 35) runs through the site from the southwest corner to Salem Street.

To the north of the property is a wetland area consisting of marshland with an abundance of flora. Situated directly on the site is a salvage yard which stores wrecked and salvaged automobiles. Most of the property constitutes an unpaved lot which serves as storage space for the automobiles and salvaged parts. Towards the southern boundary of the property is situated one building which is a combination main office, three-bay garage, and parts storage facility. A private dwelling is also located on the site along Salem Street. The Aberjona Auto Parts Site is situated approximately 800 feet and 1400 feet from Wells G and H, respectively. The site is located southwest of and across the Aberjona River from Wells G and H.

MEMO TO: DON SMITH
SEPTEMBER 19, 1985 - PAGE TWO

SITE HISTORY

The Aberjona Auto Parts facility is currently owned and operated by Cliff Boutwell and has been in operation for about thirty years. The facility is a salvage yard which purchases wrecked and used automobiles, and automobile parts, and re-sells salvaged and re-conditioned auto parts. A small degreasing operation of auto parts (engines) began in 1978 using an industrial solvent ZEP D-Grease. No more than two 55 gallon drums are kept on-site at any time. Auto parts are laid on the concrete floor of the three-bay garage, sprayed with "ZEP", allowed to soak, and finally rinsed clean with water. The rinse water and spent solvent are emptied into a grease settling pit which is connected to a Metropolitan District Commission (MDC) sewer line. The spent solution is picked up by the Murphy Waste Oil Company of Woburn (4, 5).

The city of Woburn's Wells G and H, situated northeast and across the Aberjona River and surrounding wetlands from the Aberjona Auto Parts Site, were found to be contaminated with various volatile organic compounds in 1979 by the State of Massachusetts Department of Environmental Quality Engineering. The wells were subsequently shut down and Metropolitan District Commission water was provided to supplement Woburn's daily demand (about 30%). Since 1979, various studies have been conducted on the properties surrounding the Aberjona Auto Parts facility.

In 1980, Ecology & Environment, Inc. (E & E) was tasked by the EPA to conduct an on-site investigation of the Aberjona Auto Parts property to identify any potential contamination due to the facility's activities. The report indicated that there were no signs of vegetative stress, there was an abundance of wildlife on the property, and that the surface water of the Aberjona River was free of any visible signs of contamination (4, 5).

In 1984, two studies were conducted by Woodward-Clyde Consultants (WCC) of the J.J. Riley Property (which adjoins Aberjona Auto Parts) on behalf of the Beatrice Foods Company to determine the geohydrologic relationship between the J.J. Riley Site and other areas of the Aberjona River Valley. The studies indicate that sand and gravel beds in the valley are highly transmissive and are used as a groundwater supply source. The reports also indicate that groundwater flow at the J.J. Riley Site and its environs is generally southeasterly across the Riley Site towards Salem Street, based on previous investigations and work conducted by WWC (3,6,7).

C-583-9-5-74

MEMO TO: DON SMITH
SEPTEMBER 19, 1985 - PAGE THREE


CURRENT STATUS

NUS/FIT Region I has been tasked by the Region I EPA MA/CT/VT Site Response Section (SRS) under Technical Directive Document (TDD) No. F1-8409-01 to conduct a Remedial Investigation (RI) of the Wells G & H Site, in Woburn, MA. During this ongoing RI, overburden and bedrock groundwater monitoring wells were installed on the Aberjona Auto Part's property. Results of analyses performed on groundwater from these wells and other upgradient and downgradient wells in the study area will be presented in the final RI report to EPA.

No further investigation of the Aberjona Auto Parts Site is recommended at present, since Wells G & H have already been listed on the National Priorities List and the Aberjona Auto Parts Site is part of an ongoing Remedial Investigation.

LC/keb

Reviewed and approved by:


R. DiNitto, RPM
Date: 9-19-85

REFERENCES

1. Uncontrolled Hazardous Waste Site Ranking System; A User's Manual National Oil and Hazardous Substances Contingency Plan, Appendix A (40 CFR 300) (47 FR 31219). July 16, 1982.
2. U.S. Geological Survey Topographic Map, 7.5 Minute Series
 - Wilmington Quadrangle, Photo Revised 1979
 - Boston North Quadrangle, Photo Revised 1979
 - Lexington Quadrangle, 1971
 - Reading Quadrangle, Photo Revised 1979
3. Geohydrology and Groundwater Contamination, J.J. Riley Site, Woburn, Massachusetts. Prepared by Woodward-Clyde Consultants, Wayne, NJ for Lowenstein, Sandler, Brochin, Kohl, Fisher, Boylan and Meanor, Roseland, NJ. January 31, 1984.
4. Preliminary Site Assessment of Aberjona Auto Parts, Task Report for TDD No. F1-8005-01E-02. Energy and Environment, Inc. for U.S. EPA. October 27, 1980.
5. Site Investigation Report of Aberjona Auto Parts, Task Report for TDD No. F1-8005-01E-02. Ecology and Environment, Inc. for U.S. EPA. November 26, 1980.
6. Phase II Groundwater Investigation, J.J. Riley Site, Woburn, Massachusetts. Prepared by Woodward-Clyde Consultants, Wayne, NJ for Lowenstein, Sandler, Brochin, Kohl, Fischer, Boylan, and Meanor, Roseland, NJ. November 1, 1984.
7. Chlorinated Solvent Contamination of the Groundwater. East Central Woburn, Massachusetts, Task Report for TDD No. F1-8203-01. Energy and Environment, Inc. for U.S. EPA. March 8, 1982.
8. Final Remedial Investigation Report. TDD No. F1-8409-01 (to be published). NUS Corporation Field Investigation Team.



ABERJONA AUTO PARTS
WOBURN, MA

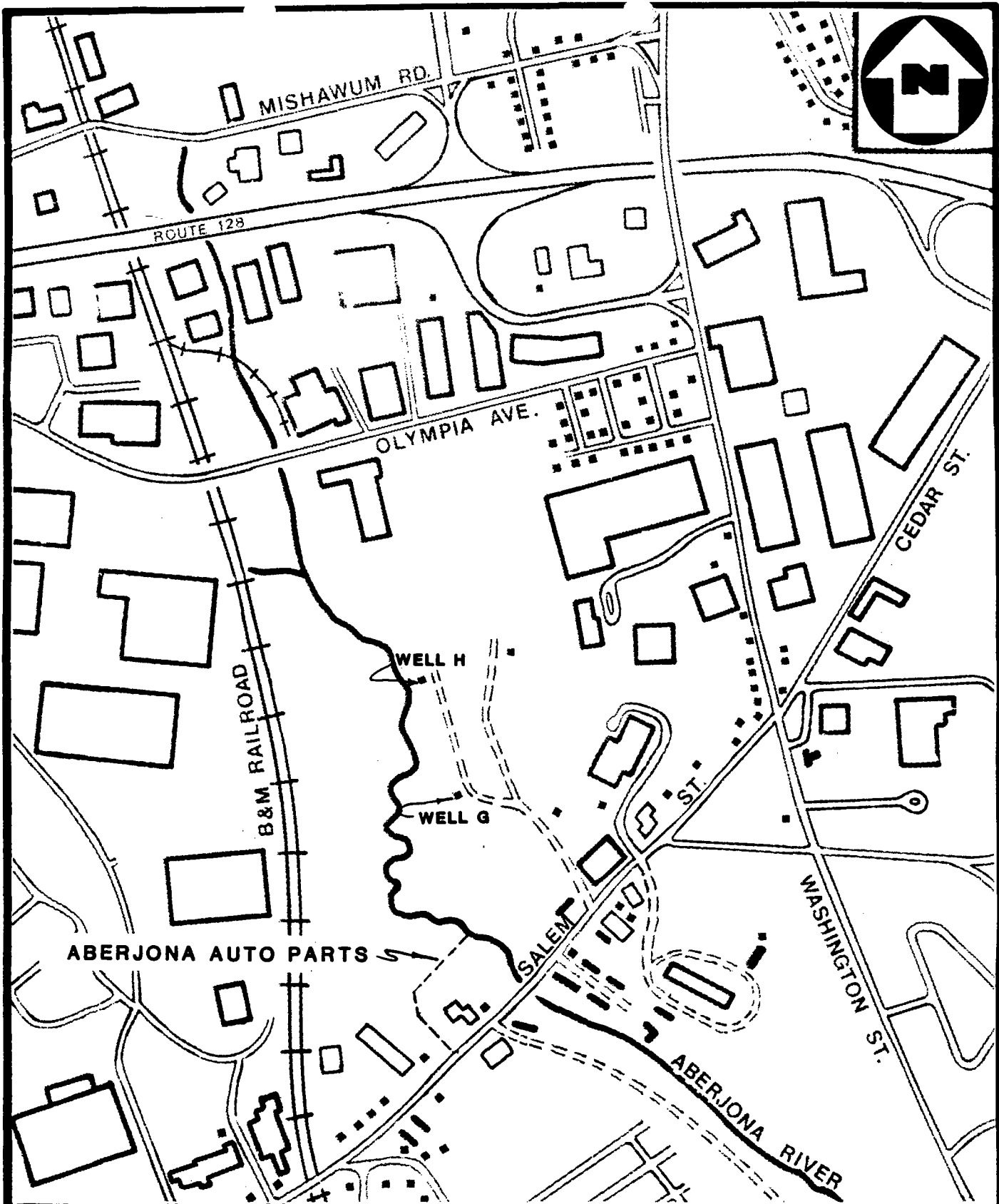
AUG 1985



FIGURE 1

0 1000 2000 3000 4000 5000 6000 7000 FEET

BASE MAP DERIVED FROM USGS LEXINGTON, WILMINGTON, READING, BOSTON NORTH QUADRANGLES, 1971 and 1979 PHOTOREVISED TOPOGRAPHIC MAPS.




**ABERJONA AUTO PARTS
WOBURN, MA**

AUG 1985



FIGURE 2

BASE MAP DERIVED FROM U.S.G.S. LEXINGTON, BOSTON NORTH, READING & WILMINGTON QUADRANGLES 1971, 1979 & 1980 AERIAL PHOTOGRAPHS OF EAST WOBURN, MA

	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT AND RISK EVALUATION Part 1 - Site Information	Identification U.S. EPA FINDS # MAD 019722594

1.1 SITE NAME AND LOCATION

Site Name (Legal, common, or descriptive name of site) Aberjona Auto Parts		Street, Route # or specific location identifier 278 Salem Street	
City Woburn	State MA	Zip Code 01801	County Middlesex
Coordinates Latitude: 42 29' 29" N Longitude: 71 07' 51" W		Topographic Map and Edition Lexington Quadrangle, MA 7.5' Series, 1971 (Ref. 2)	Location on Map (e.g., sector) UTM 324 900m E 4 706 400m N (Ref. 2)

1.2 OWNERSHIP - CURRENT AT TIME OF LAST DEPOSIT OF WASTE

Name Cliff & William Boutwell		Name N/A	
Street Address (PO Box, RFD #, etc.) 280 Salem Street		Street Address (PO Box, RFD #, etc.) N/A	
City Woburn	State MA	Zip Code 01801	City N/A
History of Ownership: Indicate order by 1 = most recent			Years of Deposition of Waste
Federal	County	Private 1	Other
			Beginning Year N/A
State	Municipal	GOCO	Unknown
			Ending Year N/A

1.3 CHECKLIST FOR PERMITTED RELEASES (FEDERAL OR STATE COOPERATIVE AGREEMENT)

	NPDES	AIR	RCRA INTERIM STATUS	RCRA PERMIT	OTHER
Status of Most Recent Permit	-	-	-	-	-
Record of Violations?	-	-	-	-	-
What aspects of the site are not covered by these permits?					

1.4 TYPES OF SAMPLES TAKEN

	Sediment	Soil	Leachate
GW			
SU		Waste X	Biological

1.5 DATES OF ACTIONS TAKEN AT THIS SITE OR REFERENCE NUMBER FOR SUMMARIES

	Removal	Remedial	Legal
Federal	-	-	-
State	-	-	-
Other			

1.6 DOCUMENTATION HISTORY (ENTER DATES OF REPORTS ON FILE)

THIS Entry	Final Assessment	Field Inspection Reports (also reference # if referenced)
MAD 019722594	Oct 27, 1980 (4)	Nov. 26, 1980 (5)

SUPERFUND RECORD OF COMMUNICATIONS

SITE: Wells G#H

CHECK APPROPRIATE BLOCK(S)

COUNTY: _____ STATE: MA

- INCOMING PHONE CALL CONFERENCE PHONE CALL VISIT
 OUTGOING PHONE CALL MEETING/ CONFERENCE ASSIGNMENT

_____ EMERGENCY/IMMEDIATE
 _____ REMEDIAL

DATE _____ TIME _____ PHONE NO. (Include Area Code) _____

TO: (Name, Agency, Firm, and Address)

File

ROUTING

- HEALTH CONSULTATION
 SITE VISIT
 REVIEW DATA
 PUBLIC MEETING
 WORKER HEALTH & SAFETY
 OTHER: (Specify) _____

FROM: (Name, Agency, Firm, and Address)

Susan Sivsky

SUMMARY
The following SIs were handed to Bob Cleary of MA DEQE on 12/3/85 ~~for review~~ FYI.

- Woburn Sanitary L'f II
- NE Resins & Pigments
- Whitney Barrel
- Aberjona Auto Parts
- Unifirst Corp.

ACTION REQUIRED, INFORMATION OR MATERIALS PROVIDED, ETC. ENCLOSURE(S) INCLUDED: _____ YES _____ NO

Typed Name & Signature _____ DATE _____