ENVIRONMENTAL PROTECTION AGENCY REGION 1

PRELIMINARY ASSESSMENT DECISION RECORD FY ~~87~~ 88

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
CT	D982191736

II. SITE NAME AND LOCATION		
01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER	
NICKSON INDUSTRIES	WEST AND WEST MAIN STREETS	
03 CITY	04 STATE	05 ZIP CODE
SOUTHINGTON	CT	06489

DRAFT PA: completed by ☑ FIT (F1-.8801-.29)
☐ State
☐ EPA
☐ _____

REVIEWED ☐ Site Name
☐ Site ID No.
☐ Existing File
BY _____

DRAFT PRIORITY ASSESSMENT/RECOMMENDATION FOR SITE INSPECTION
☐ High ☒ Medium ☐ None

SUMMARY OF COMMENTS ON DRAFT

a. STATE comments, dated ....., by .....

Summary _____

b. SITE OWNER comments, dated ....., by .....

Summary _____

c. EPA REGION 1 comments, dated ....., by .....

Summary _____

d. ..... comments, dated ....., by .....

Summary _____

FINAL PA DECISION BY EPA PA COORDINATOR:

a. ☑ agree with draft.
b. ☐ Revised draft. Reason _____

c. Final Priority Assessment/Recommendation for Site Inspection
☐ High ☒ Medium ☐ None

d. Final decision made by Deborah J. Pierce Date 6-13-88

CERCLIS INFORMATION:

a. Site Discovery Date _____ (If not already in CERCLIS)
b. PA Start Date 1/4/88 ; Compl. Date 6-13-88 & FY ~~87~~ 88 Quarter 1 (2) 3 4
c. Entry Date 6/20/88 ; Entered By DLB

FY 1988

NUS CORPORATION
19 CROSBY DRIVE
BEDFORD, MASSACHUSETTS 01730
617-275-2970

C-583-7-8-70
July 18, 1988

Final Preliminary Assessment
Nickson Industries Facility
Southington, Connecticut

TDD No. F1-8801-29
Reference No. $375CTI9PA
CERCLIS No. CTD982191736

INTRODUCTION

The NUS Corporation Field Investigation Team (NUS/FIT) was requested by the Waste Management Division of the Region I U.S. Environmental Protection Agency (EPA) to perform a Preliminary Assessment (PA) of the Nickson Industries facility located in Southington, Connecticut (Figures 1 and 2). This work has been completed under Technical Directive Document (TDD) Number F1-8801-29, issued in February, 1988.

This PA complies with the requirements set forth under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended. It does not necessarily fulfill the requirements of other EPA regulations such as those under the Resource Conservation and Recovery Act (RCRA). The PA is not intended to be a definitive study of the site, and therefore is not suitable for use in planning site remediation or undertaking enforcement actions against potentially responsible parties. The PA represents the first step of the site screening process set forth by the National Contingency Plan (NCP).

The Connecticut Department of Environmental Protection (CT DEP) began work on this Preliminary Assessment after the site discovery in 1983. CT DEP has requested that EPA (through NUS/FIT) complete the PA. This PA has been reviewed by the EPA and CT DEP.

FACILITY DESCRIPTION AND HISTORY

Nickson Industries is located at the corner of West and West Main Streets in Southington, Connecticut. The area is residential to the north and low-density commercial to the south, east and west (NUS/FIT, 1988). The facility itself consists of one easily accessible brick building, somewhat in the shape of a "U", with a loading dock located at the inside of the "U" (Figure 2). The area behind the facility was strewn with assorted pieces of scrap metal. In addition there were a number of small plastic containers with a yellow diamond shaped labels on them. Two fifty-five gallon drums were situated next to the plastic containers. Three large rusty tanks were also located in the area, one behind Nickson Industries and the other two behind the American Standards Co. building . At the time of the NUS/FIT Perimeter Survey on February 2, 1988, the site was active (NUS/FIT, 1988).

There was limited information available in the CT DEP files regarding the Nickson Industries facility. Nickson Industries was established in 1971. They employed between forty and seventy-five people on two shifts and were in the business of manufacturing automotive exhaust hardware and metal stampings in steel (Evans, 1976 and Ladotski, 1977).

Nickson Industries is listed on the CT DEP Inventory of Hazardous Waste Sites for historically dumping metallic plating wastes in approximately fifteen cement lined pits on the west side of the building. However, according to a 1976 Industrial Questionnaire completed by Mr. Florian, Vice President of Nickson Industries, no plating wastes were generated from their processes. Prior to Nickson Industries, an Allied Control Company occupied the site and may have been the one that generated the plating wastes and utilized the pits in question (McDaniel, 1988). These pits have since been

filled in, but there is no indication in the CT DEP files if the wastes were removed (Bureroff, 1983). Nickson Industries is listed with RCRA as a small quantity generator (US EPA, 1988).

In 1980, Nickson Industries moved their operation to a new location in Plainville, Connecticut. The site is now occupied by Penfield, Inc., a manufacturer of liquid treatment systems (Bureroff, 1983 and NUS/FIT, 1988).

In 1982 Penfield, Inc. applied for and was granted an NPDES permit that allowed them to discharge 500 gallons per week of clean water used to hydrostatically test pressure vessels (Kemp, 1982). According to CT DEP files Penfield, Inc. has no history of hazardous waste violations.

The Southington Water Department serves approximately 33,000 people, comprising 86% of the Southington population; the remaining population is served by private wells (Thomas, 1986). Most of this community water is supplied by the Southington Compensating Reservoir No. 1 located 2.5 miles from the facility. Mirror and Crystal Lakes, also located 2.5 miles from the site, act as storage reservoirs (Jalkut, 1988). The Southington Water Department also draws water from eight municipal groundwater wells. However, four of these wells (Nos. 2,4,5, and 6.) have been shut down due to contamination with tetrachloroethylene and trichloroethylene (Jalkut, 1988).

All of the wells and reservoirs of the Southington Water Department are located within three miles of Nickson Industries (Thomas, 1982). Contaminated Well No. 5 is located within a one mile radius of the site (Thomas, 1982). The Eight-Mile River, a Class GB river, flows underneath a portion of the Nickson Industrial building. It is considered unsuitable for human consumption, but is still used for agricultural and industrial supply uses.(Murphy, 1987).

CONCLUSION

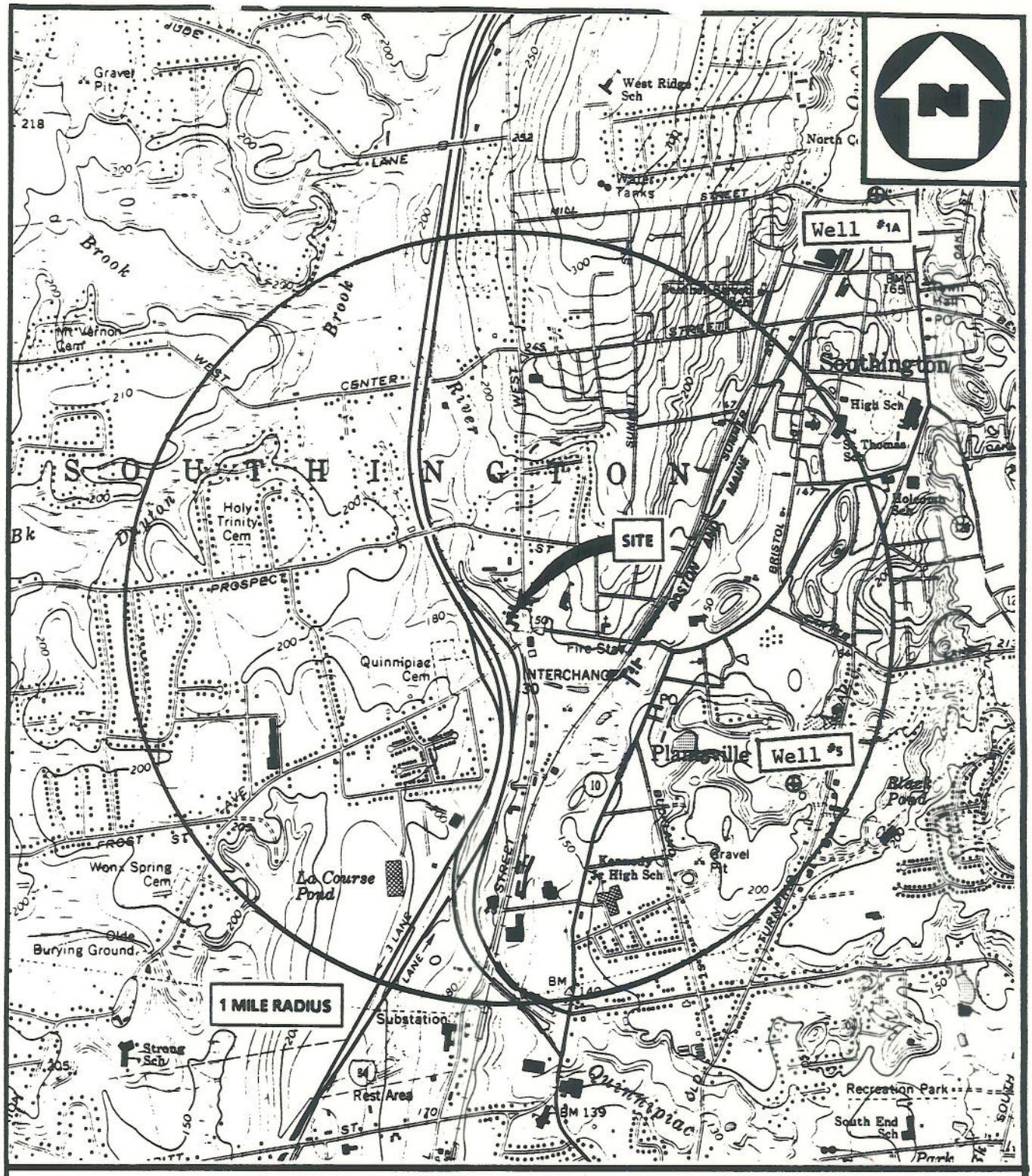
Nickson Industries has historically buried metallic plating wastes within approximately fifteen pits located on the west side of their building. The files do not indicate whether or not the wastes were removed prior to or after Penfield began to occupy the site. NUS/FIT therefore recommends that a medium priority Screening Site Inspection be performed to more fully assess the site.

Submitted By:

Michael I. Montembeau
Michael I. Montembeau
Project Manager

Approval: Joanne O. Morin
Joanne O. Morin
FIT Office Manager

MIM/jj



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' U.S.G.S. QUADRANGLE(S):
SOUTHINGTON, CT 1968, PHOTOREVISED 1984
MERIDEN, CT 1967, PHOTOREVISED 1984

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

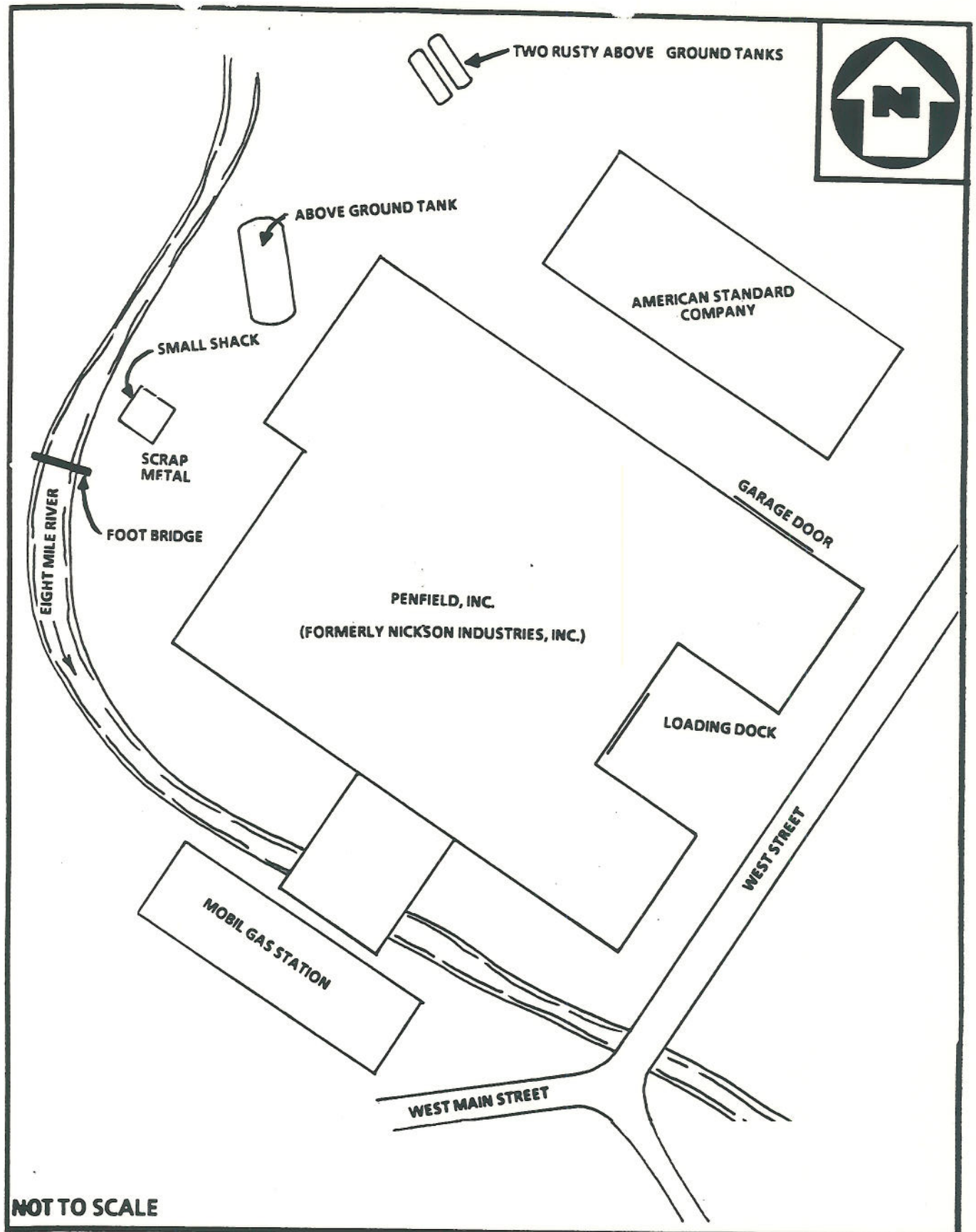
CONNECTICUT

LOCATION MAP

NICKSON INDUSTRIES
SOUTHINGTON, CT

NUS CORPORATION

FIGURE 1



SITE SKETCH

NICKSON INDUSTRIES
SOUTHINGTON, CT

NUS CORPORATION

FIGURE 2

REFERENCES

CT DEP (Ladotski, A.) Connecticut Department of Environmental Protection. Inspection Checklist. Southington, CT.

Murphy, J. (CT DEP). 1987. Water Quality Classification Map of Connecticut. Connecticut Natural Resource Atlas Series. Hartford, CT.

Evans, R. (Nickson Industries). 1976. Connecticut Department of Environmental Protection. Industrial Process Waste Mailer Questionnaire. Southington, CT.

Jalkut, K. (NUS/FIT). 1988a. Telecon with Quinnipiac River Watershed Association, RE: Classification of rivers. March 7. Bedford, MA.

Jalkut, K. (NUS/FIT). 1988b. Telecon with Gilbert J. Bligh (Southington Water Department), RE: Status of groundwater wells. March 7.

Kemp, A. (Penfield, Inc.). Letter to CT DEP, RE: Application for discharge permit. March 12. Meriden, CT.

McDaniel, M. (CT DEP). 1983. Connecticut Department of Environmental Protection. Debriefing Memo. June. Hartford, CT.

McDaniel, M. (CT DEP). 1988. Letter to EPA, RE: Comments on Draft Preliminary Assessment of nickson Industries. June 3. Hartford, CT.

NUS/FIT. 1988 (issued) Logbook No. 88-1117. Perimeter Survey Notes. Nickson Industries. TDD No. 8801-29.

Thomas, H.F. (CT DEP). 1982. Atlas of the Public Water Supply Sources and Drainage Basins of Connecticut by Connecticut Department of Environmental Protection, Natural Resources Center. D.E.P. Bulletin No. 4. June. Hartford, CT.

Thomas, H.F. (CT DEP). 1982. Directory of Community Water Systems in Connecticut. Connecticut Water-Use Information Program. Connecticut Department of Environmental Protection, Natural Resources Center. Hartford, CT.

US EPA. 1988. RCRA Waste Handlers Report, Region I. US Environmental Protection Agency. March 9.

USGS. 1984. Meriden Quadrangle, Connecticut. United States Geological Survey. 7.5' Series (topographic). 1967, photorevised 1984.

USGS. 1984. Southington Quadrangle, Connecticut. United States Geological Survey. 7.5' Series (topographic) 1968. Photorevised in 1984.

EPA

POTENTIAL HAZARDOUS WASTE SI
PRELIMINARY ASSESSMENT
PART 1 SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
CT	D982191736

II. SITE NAME AND LOCATION

01 SITE NAME (*Legal, common, or descriptive name of site*)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Nickson Industries	Corner of West and West Main Streets

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Southington	CT	06489	Hartford	003	6

09 COORDINATES	LATITUDE	LONGITUDE
	41°35'19"N	72°53'57"W

10 DIRECTIONS TO SITE (*Starting from nearest public road*)

Take exit 30 from 84E. Take a right at the end of the exit ramp. At the next intersection (West and West Main Streets). Facility is on the left.

III. RESPONSIBLE PARTIES

01 OWNER (*IF KNOWN*)	02 STREET (*Business, mailing, residential*)
Penfield, Inc.	980 Old Colony Road

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Meriden	CT	06450	(203) 634-4266

07 OPERATOR (*If known and different from owner*)	08 STREET (*Business, mailing, residential*)
Jack Patterson	

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
			(203) 621-9141

13 TYPE OF OWNERSHIP (*Check one*)

- [x] A. PRIVATE
- [ ] B. FEDERAL: _____ (Agency name)
- [ ] C. STATE
- [ ] D. COUNTY
- [ ] E. MUNICIPAL
- [ ] F. OTHER: _____ (Specify)
- [ ] G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

- [x] A. RCRA 3001 DATE RECEIVED: 9/23/86
- [ ] B. UNCONTROLLED WASTE SITE (CERCLA 103c) DATE RECEIVED:
- [ ] C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

- [x] YES
- [ ] NO

DATE: 6/29/83

BY (*Check all that apply*)

- [ ] A. EPA
- [ ] B. EPA CONTRACTOR
- [x] C. STATE
- [ ] D. OTHER CONTRACTOR
- [ ] E. LOCAL HEALTH OFFICIAL
- [ ] F. OTHER: _____ (*Specify*)

CONTRACTOR NAME(S):

02 SITE STATUS (*Check one*)

- [x] A. ACTIVE
- [ ] B. INACTIVE
- [ ] C. UNKNOWN

03 YEARS OF OPERATION

BEGINNING YEAR	ENDING YEAR
1971	Currently operating

- [ ] UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Metallic plating wastes were deposited into pits located onsite by the previous owner Nickson Industries. Site was sold to Pennfield, Inc in 1980. Penfield, Inc. now occupies the site.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Potential exists for groundwater and surface water contamination from the buried pits.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (*Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents*)

- [ ] A. HIGH (*Inspection required promptly*)
- [x] B. MEDIUM (*Inspection required promptly*)
- [ ] C. LOW (*Inspect on time available basis*)
- [ ] D. NONE (*No further action needed, complete disposition form*)

VI. INFORMATION AVAILABLE FROM

01 CONTACT : **Richard Pease** 02 OF (*Agency/Organization*) : **CT DEP** 03 TELEPHONE NUMBER : **(203) 566-5486**

04 PERSON RESPONSIBLE FOR ASSESSMENT **Michael I. Montembeau** 05 AGENCY **NUS** 06 ORGANIZATION : **FIT** 07 TELEPHONE NO. **(617)275-2970** 08 DATE : **7/18/88**

Site Name: Nickson Indu ic
CERCLIS No.: CTD982191736
TDD No.: F1-8801-29
Reference No.: $375CT19PA —

NPL ELIGIBILITY CHECKLIST

	YES	NO	COMMENTS
Are the wastes onsite considered hazardous, as defined in CERCLA?	---	---	unknown
*Sites covered by other authorities:			
Are the hazardous materials at the site solely petroleum products (gasoline, oil, natural gas)?	---	✓	-------
Is the contamination at the site caused solely by pesticides that were applied using an accepted practice?	---	✓	------
If the release is into public or private drinking water systems, is it due to deterioration of the system through ordinary use?	---	✓	-------
Is the release from products which are part of the structure, and result in exposure within residential, business, or community structures?	---	✓	-------
Did the release result in exposure to people solely within a work place?	---	---	unknown
Does the facility have an Underground Injection Control permit under the Safe Drinking Water Act?	---	✓	-------
Is the release the result of the normal application of fertilizer?	---	✓	-------
Does the release involve naturally occurring substances in their unaltered form?	---	✓	-------
Does the contamination at the site consist solely of radioactive materials generated by Department of Energy/Atomic Energy Commission activities?	---	✓	------
Is the contamination at the site caused solely by coal mining operations?	---	✓	------
Does the facility have a permit from EPA or the U.S. Army Corps of Engineers (under the Marine Protection, Research, and Sanctuaries Act) to dispose of dredged materials in ocean waters?	---	✓	-------

Site Name: Nickson Indu. Inc.
CERCLIS No.: CTD982191736
TDD No.: F1-8801-29
Reference No.: $375CTI9PA

	YES	NO	COMMENTS
***Other issues of site definition:**			
Is the site defined solely as a contaminated well field?	---	✓	-------
Is the site currently owned or operated by a federal agency, or has it been in the past?	---	✓	-------
Is the site a municipal landfill?	---	✓	-------
-- Check if there is documentation of industrial waste disposed of.	---		
Does the waste consist of a "special waste" such as fly ash?	---	✓	-------
-- Check if there is documentation of a hazardous component to the waste.	---		
Does the facility have an NPDES permit?	✓	---	-------
Check if the facility has a history of permit violations.	---		
Is the facility subject to ambient air quality standards under the Clean Air Act?	---	✓	-------
Does the facility have a permit under the Clean Air Act?	---	✓	-------
***RCRA status**			
Has the facility notified as a RCRA generator?	✓	---	-------
Has the facility ever had RCRA interim status or a RCRA permit?	---	✓	-------
If yes, check any that apply:			
-- The facility is a small quantity generator.	---		
-- The facility is a "non-notifier" or "protective filer" (identified as such by EPA or the state).	---		

Site Name: Nickson Industrie
CERCLIS No.: CTD982191736
TID No.: F1-8801-29
Reference No.: $375CTI9PA

*RCRA status (continued)

-- The owner of the facility is bankrupt, or the owner has filed for protection under bankruptcy laws (if known). ---

-- A RCRA compliance order or notice of violation has been issued for the facility at some time. ---

The order or notice concerned:
- conditions that posed a hazard (i.e. a release of contamination to the environment) OR ---

- administrative violations (i.e. recordkeeping or financial requirements). ---

-- Some RCRA enforcement action is currently pending at the facility. ---

-- A RCRA permit has been denied or interim status has been revoked for the facility. ---

The permit or interim status was revoked:

-because of conditions at the facility that posed a hazard OR ---

-because the facility failed to meet an administrative requirement (i.e., failed to file an acceptable Part B permit application). ---

-- A closure plan has been requested or submitted for the facility under RCRA. ---

-- A closure plan has been approved for the facility under RCRA. ---

-- The facility is closed and currently monitoring under RCRA regulations. ---

CERCLIS DATABASE FORM

Date: 6/28/88

SITE NAME: Nickson Industries
CERCLIS NO. CTD982191736
TDD No. F1-8801-29 PROJECT MANAGER: Michael I. Montembeau

Directions to site: Take exit 30 from 84E. Turn right at the end of the exit ramp. Facility is on the left at the next intersection.

ELEMENT	CERCLIS CODE (NO.OF POSITIONS)	DESCRIPTION	ENTRY
I. For all projects			
State	C2(2)	Postal code	CT
Site ID (if available)	C101(12)	Dun & Bradstreet or GSA	
Site Name	C104(40)		Nickson Industries
Street Address	C110(40)		Corner West and West Main Streets
City	C111(25)		Southington
County	*TBD		Hartford
Ownership	C136(2)	FF = Federally owned ST = State owned CO = County owned DI = District owned IL = Indian lands MI = Mixed ownership UN = Unknown *TBD =Municipally owned *TBD = Privately owned OH = Other	Private
Years of Operation	*TBD	1971 to Currently operating	16+ years
FMS Number (if assigned)	C315(4)		

ELEMENT	CERCLIS CODE (NO.OF POSITIONS)	DESCRIPTION	ENTRY
Recommendation of Most Recent Project at Site	C2103(1)	For PAs: H = High = SI Required M = Med. = SI Recommended N = NFA = No Further Action/Pending I = Ineligible under CERCLA For SIs: H = LSI Recommended D = Deferred N = NFA (No HRS Recommended)	M
Note	C2105(20)	Abbreviated Comments	
Reason for Ineligibility (for Sites Determined Ineligible under CERCLA)	*TBD	*TBD = Petroleum contamination only *TBD = Active RCRA facility *TBD = Properly applied pesticide *TBD = Nuclear/radioactive waste *TBD = All other reasons	
Agency Responsible for Work at Site	C2117(2)	F = EPA, Fund financed S = State, Fund financed SN = State, no fund financing FF = Federal facility *TBD = Responsible Party	F

II. Only for sites with HRS

Coordinates	*TBD	Latitude and Longitude	

ELEMENT	CERCLIS CODE (NO.OF POSITIONS)	DESCRIPTION	ENTRY
Type of Facility or Source	C137(1)	B = Chemical Plant C = City Contamination L = Landfill M = Manufacturing Plant N = Military Facility F = Other Federal Facility T = Mines/Tailings P = Lagoons A = Abandoned/ Midnight dumping	
If Unknown, Type of Waste Present		R = Radioactive Waste J = Inorganic Waste *TBD = Organic Waste I= Other Industrial Waste D = Dioxin	
If Both Unknown, Type of Receptor Affected		V = Waterways/river H = Housing Area W = Drinking Water Wells *TBD = Ecological Receptors O = Other _____	
Abstract	C201(240)	Site Description	

_____

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