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ENGINEERING INVESTIGATIONS AT INACTIVE HAZARDOUS WASTE SITES

PRELIMINARY SITE ASSESSMENT

Shanco Plastics and Chemicals Site No. 915048

Town of Tonawanda Erie County

Prepared for:

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233
Thomas C. Jorling, *Commissioner*

Division of Hazardous Waste Remediation
Michael J. O'Toole, Jr., *Director*

By:
Rust Environment & Infrastructure of New York, Inc.
in association with
TAMS CONSULTANTS, INC.

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March 1993

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EXECUTIVE SUMMARY

Site Description

The Shanco Plastics and Chemicals site is an approximate two-acre facility located at 2716 Kenmore Avenue, in the Town of Tonawanda, Erie County, New York (Figure ES-1). The site is located in an industrial section of the Town of Tonawanda and is bordered to the west by railroad tracks and open fields; to the north by a tire distributor; and to the east and south by Interstate 190. Approximately 50 percent of the site is occupied by a one-story block building which is presently used as a truck and autobody repair shop (Figure ES-2). A stone-covered parking area and an area of grass and overgrown weeds are located behind the building. Junk vehicles and truck frames are stored in this area. While operating as Shanco Plastics and Chemicals, Inc., it was alleged that drums containing hazardous waste were buried at the site.

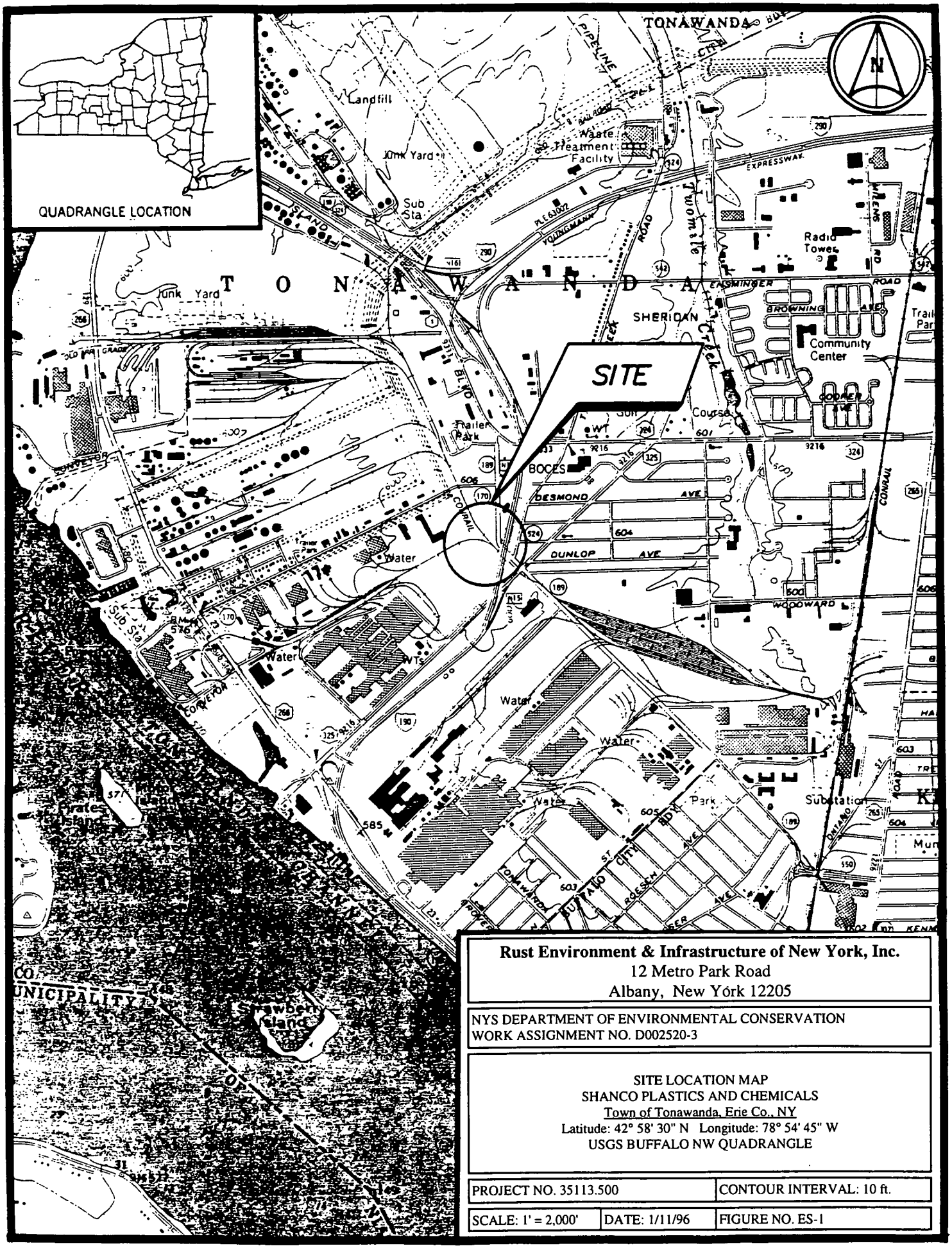
Summary of Preliminary Site Assessment

The data and records search produced some evidence that a "pit" was excavated at the site in 1976 and was filled with "sludge, plastic, rubble, etc.". However, no documentation was produced to indicate that hazardous waste was disposed in this pit. Limited historic analytical data indicated that some organic contaminants (primarily phenol) were found in surface and shallow subsurface soils. These data do not indicate that contamination was pervasive across the site, or that disposal of hazardous waste had occurred. It was concluded that additional information was needed to classify the site. Subsequently, a surface-soil sampling program was developed and implemented by Dunn (now Rust Environment & Infrastructure of New York, Inc.).

Three surface soil samples were collected in November 1993 and analyzed as part of this Preliminary Site Assessment (PSA). The analytical results indicated the presence of three polycyclic aromatic hydrocarbon (PAH) compounds [benzo (a) anthracene, chrysene and benzo (a) pyrene]; three phenolic compounds (phenol, 2-methylphenol and 4-methylphenol) and hexachlorobenzene. Each of these compounds was found in sample SS-2 at levels exceeding the Recommended Soil Cleanup Objectives (RSCOs) established by the New York State Department of Environmental Conservation (NYSDEC). Sample SS-2 also exhibited concentrations of several metals that were elevated with respect to both the RSCOs and the background range for eastern U.S. soils. The SS-2 sample point was located between a debris pile and discarded truck bodies, the disposal of which may have impacted the metals concentrations in the sample.

Conclusions

Evidence exists that a pit was excavated on site and filled with debris including sludge, plastic and rubble. Analytical data indicate that surface and shallow subsurface soils have been impacted by site operations in the past. However, there is no documentation that hazardous waste defined by 6 NYCRR Part 371has been disposed at the site. There is also no evidence to show that the site poses a threat to public health or the environment as defined by 6 NYCRR Part 375.

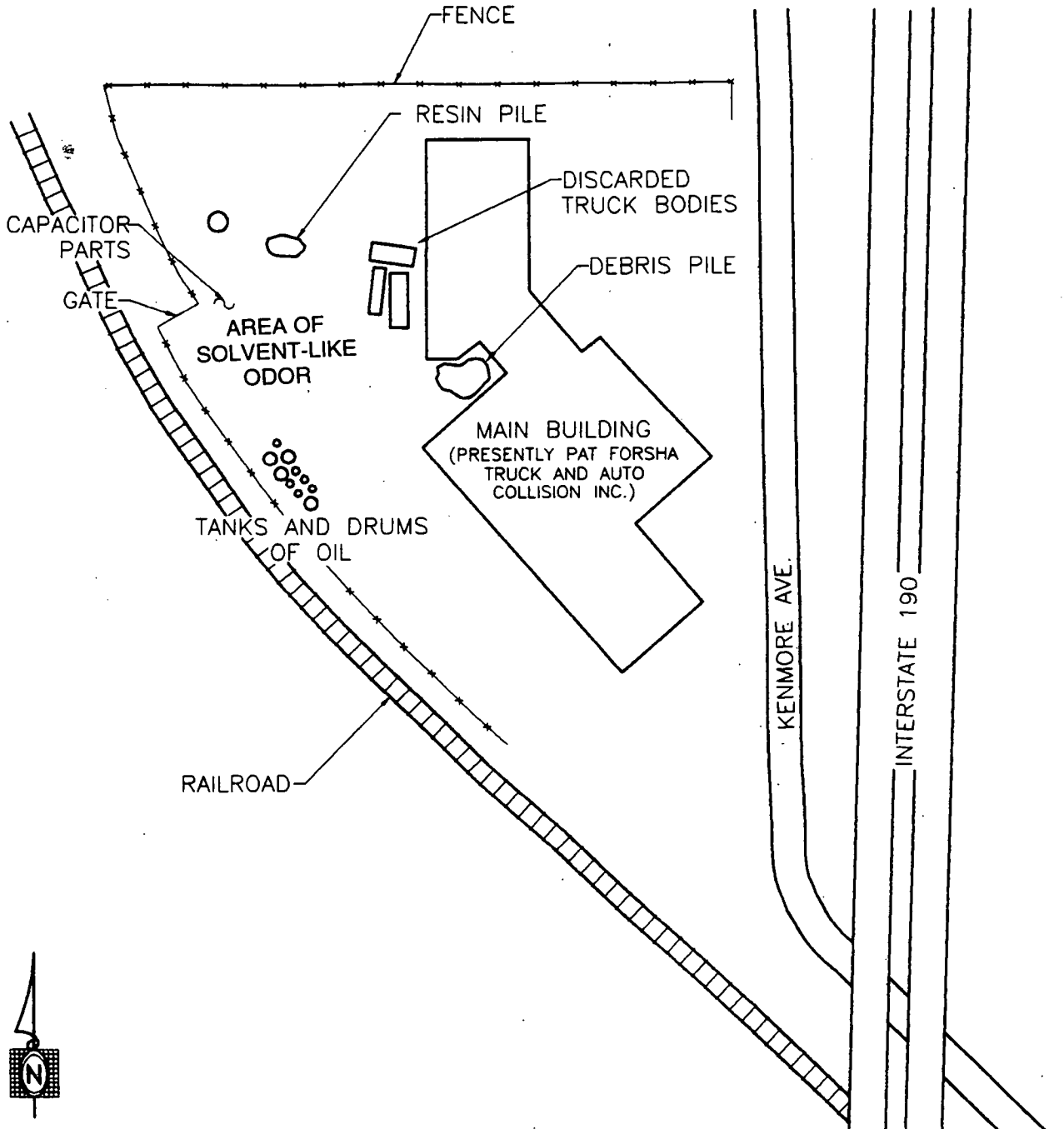


Rust Environment & Infrastructure of New York, Inc.
12 Metro Park Road
Albany, New York 12205

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WORK ASSIGNMENT NO. D002520-3

SITE LOCATION MAP
SHANCO PLASTICS AND CHEMICALS
Town of Tonawanda, Erie Co., NY
Latitude: 42° 58' 30" N Longitude: 78° 54' 45" W
USGS BUFFALO NW QUADRANGLE

PROJECT NO. 35113.500		CONTOUR INTERVAL: 10 ft.
SCALE: 1" = 2,000'	DATE: 1/11/96	FIGURE NO. ES-1



NOTES: SITE AS IT LOOKED DURING INSPECTION BY DUNN/TAMS TEAM ON JULY 27, 1990. TANKS, OIL DRUMS AND MOST OF THE DISCARDED TRUCK BODIES HAVE SINCE BEEN REMOVED.

DUNN ENGINEERING COMPANY
12 Metro Park Road
Albany, NY 12205

NYS DEPT. OF ENVIRONMENTAL CONSERVATION
WORK ASSIGNMENT No. D002520-3

SHANCO PLASTICS
SITE LAYOUT MAP

Tonawanda, NY

PROJECT NO. 35113	DATE Mar., 1994	DWG. NO. 4A0089SD	SCALE Not To Scale	FIGURE NO. ES-2

Recommendations

Based on the findings presented herein, Rust E & I of New York recommends that the Shanco Plastics and Chemicals site (Site No. 915048) be delisted from the Registry of Inactive Hazardous Waste Disposal Sites in New York State. This recommendation may be subject to change in the future if new information becomes available.

While it could not be documented that the disposal of hazardous waste defined by 6 NYCRR Part 371 has occurred at this site, evidence exists which indicates that this site may not be free of environmental concerns. Therefore, Rust recommends that the Shanco site be referred to another division within NYSDEC (e.g., Division of Solid Waste or Division of Water) for further investigation.

1.0 INTRODUCTION

This report prepared for the New York State Department of Environmental Conservation (NYSDEC) presents the results of a Preliminary Site Assessment (PSA) conducted at the Shanco Plastics and Chemicals site, NYS Site Number 915048, EPA Site Number D000512897, located in the Town of Tonawanda, Erie County, New York (Figure 1). The work was performed under Work Assignment No. D002520-3 of the Superfund Standby Program.

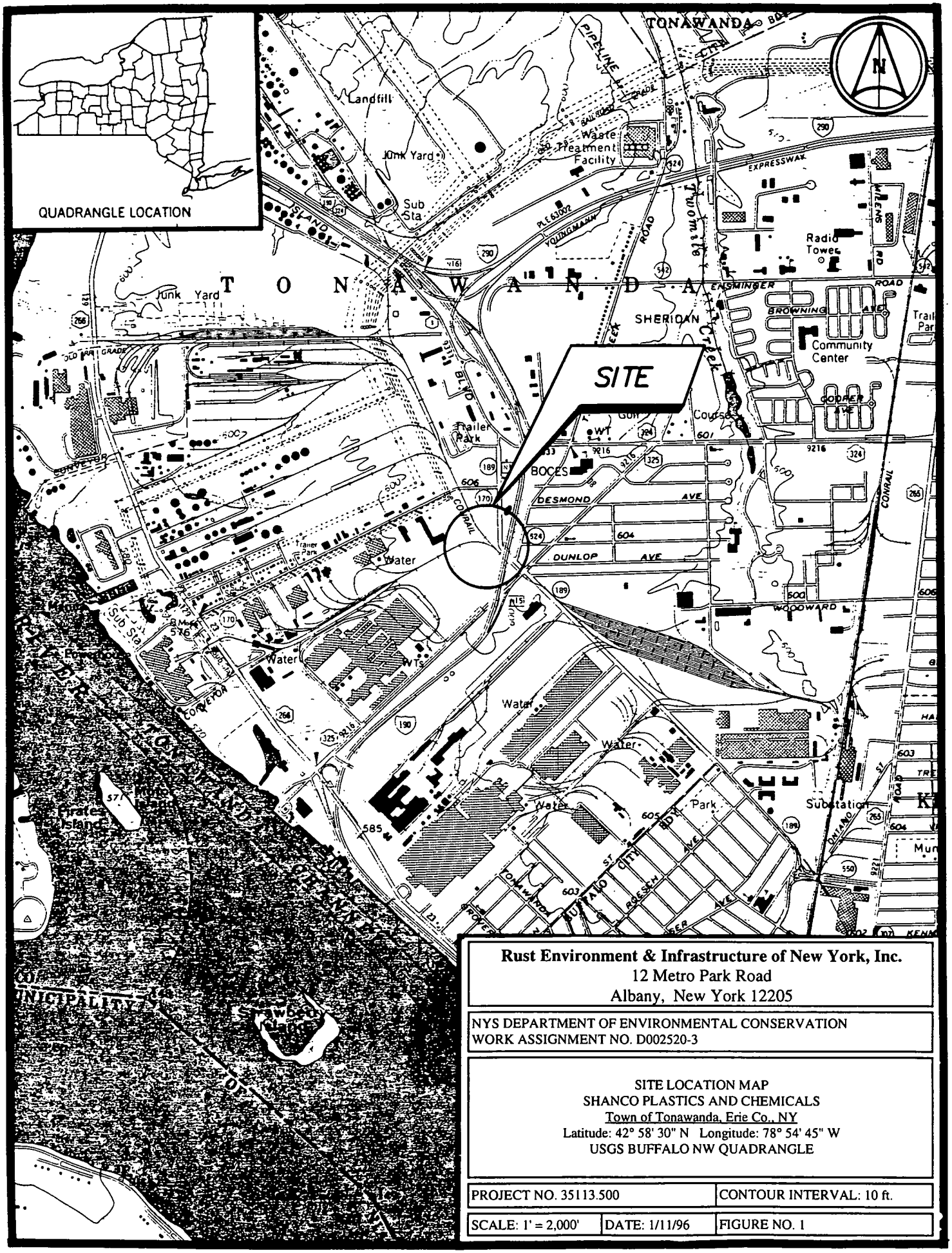
Dunn Engineering Company (now Rust E&I of New York, Inc.) in association with TAMS Consultants, Inc. (TAMS) performed this investigation to determine if the disposal of hazardous waste defined by 6 NYCRR Part 371 could be documented, and if so, to determine if the site therefore poses a threat to public health and/or the environment. This information is needed to either classify or delist the site as defined by Article 27, Title 13 of the Environmental Conservation Law (ECL).

In order to achieve the goals of the PSA, a review of the following information was performed:

- History of use;
- Topography;
- Geology and hydrology;
- Demographics of surrounding area;
- Proximity to possible receptors; and
- Previously noted contamination or regulatory actions.

Sources used to obtain the above listed information include the following:

- New York State Department of Environmental Conservation;
- New York State Department of Health (NYSDOH);
- Aerial photographs;
- Topographic maps;
- Drilling logs for local wells;
- The NYSDEC Phase I Investigation report; and
- The USEPA Region II FIT Site Inspection Report.



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NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WORK ASSIGNMENT NO. D002520-3

SITE LOCATION MAP
SHANCO PLASTICS AND CHEMICALS
Town of Tonawanda, Erie Co., NY
Latitude: 42° 58' 30" N Longitude: 78° 54' 45" W
USGS BUFFALO NW QUADRANGLE

PROJECT NO. 35113.500		CONTOUR INTERVAL: 10 ft.
SCALE: 1' = 2,000'	DATE: 1/11/96	FIGURE NO. 1

The following individuals and agencies were contacted:

- Mr. Mark Mateunas, NYSDEC, Bureau of Hazardous Site Control;
- Mr. Michael Rivara, NYSDOH, Bureau of Environmental Exposure Investigation;
- Mr. Frank Corsi, present co-owner of the property;
- Mr. Richard Martin, Pat Forsha, Track and Auto Collision Inc.;
- Mr. David Denk, NYSDEC, Division of Regulatory Affairs;
- Mr. Marck Kendal, NYSDEC, Division of Fish and Wildlife; and
- Mr. Greg Ecker, NYSDEC, Region 9.

Literature sources used to complete this report are listed in Appendix A. Specific documentation used in support of the text are listed in Appendix B. On July 27, 1990, a site inspection was performed by Mr. George Moretti (DUNN) and Mr. Martin Derby (TAMS) along with Mr. John Hyden of Region 9, NYSDEC. Color photographs of the site taken during that visit are presented in Appendix C, and the site inspection form (USEPA Form 2070-13) is presented in Appendix D.

2.0 SITE ASSESSMENT

2.1 SITE HISTORY

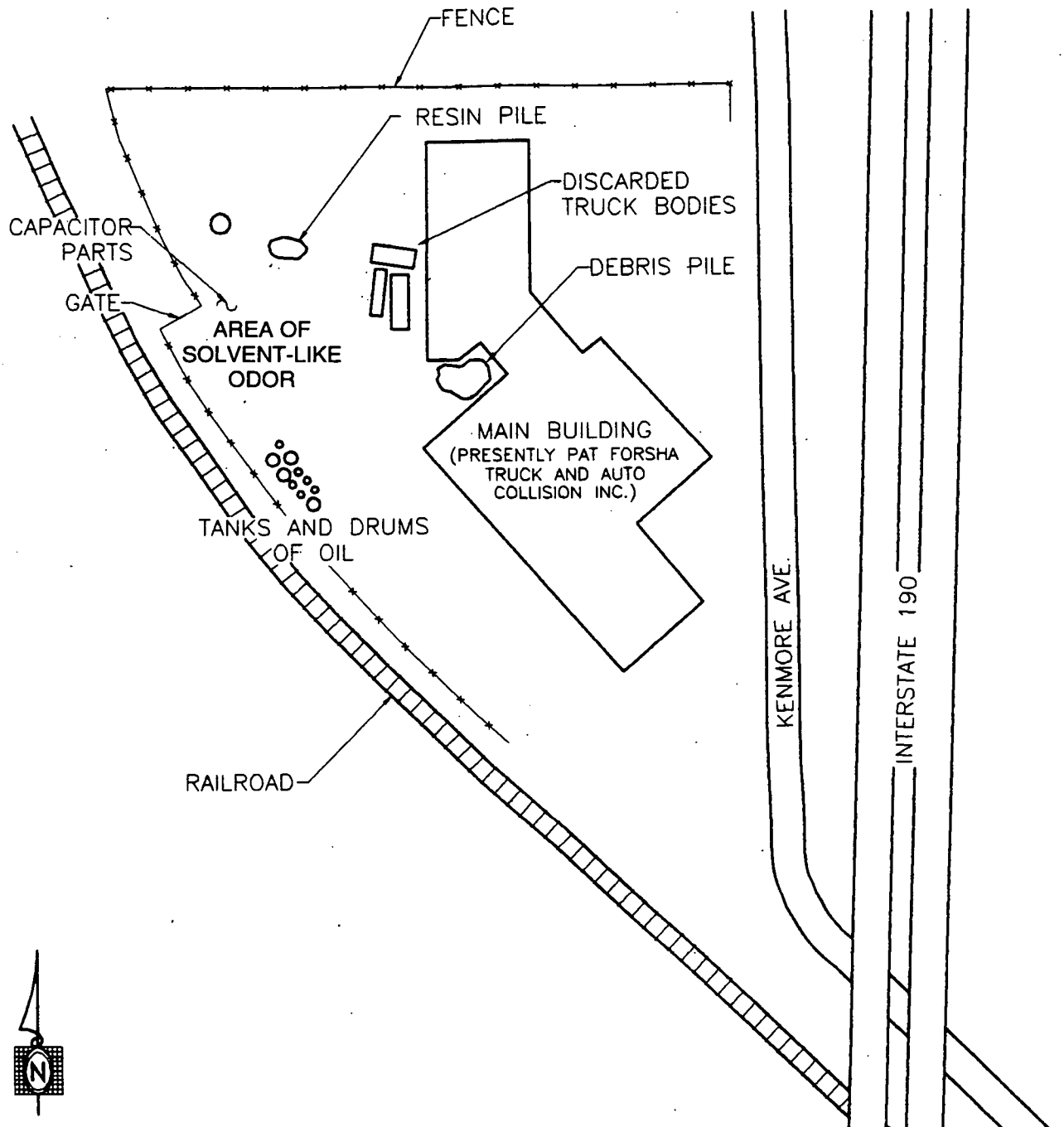
Shanco Plastics and Chemicals, Inc. (Shanco) was founded on May 7, 1948. The company produced resin esters for use in floor polishers, adhesives and printing inks. On December 31, 1976, Shanco merged with Synres Chemical Corporation of Union, New Jersey and continued operations as Shanco Plastics and Chemicals, Division of Synres Chemical Corporation. In October 1977, operations at the Tonawanda facility were relocated to Kenilworth, New Jersey The site was then leased by "4" Seasons Automotive Products until approximately June 1981 when the site became Larry's Collision, a vehicle repair facility. Larry's Collision was operated until May 4, 1990 when it was closed. The site was then taken over by Mr. Harold Schectman who foreclosed on the property (Section 65.10, Block 10, Lot 1).

Mr. Schectman, through Industrial Realty, was in the process of selling the property to Mr. Frank Corsi in July 1990 when the initial site inspection was conducted for this PSA. Mr. Corsi was unaware that the property was a listed inactive hazardous waste disposal site. However, the seller, Mr. Schectman, apparently was aware of the site's status because his consultant, North American Environmental Service Corporation, completed a Phase II Environmental Audit of the property and had petitioned the NYSDEC to delist the site (Document B-11). Mr. Corsi bought the property and operated it as a truck repair shop. An investment group that includes Mr. Corsi is presently leasing the facility to Pat Forsha Truck and Auto Collision, Inc.

It has been alleged that while Shanco operated the site, drums of waste materials were buried on-site in at least two locations, one of which may be under a part of an existing building (Document B-1). While the property was being operated as "4" Seasons Automotive Products, a cleanup of the site was implemented by Synres Chemical Corp. This surface cleanup involved the removal of approximately 140 drums of various materials, consisting primarily of resinous waste (Document B-2). These cleanup activities took place from approximately May 1979 through March 1980. In 1981, the site became Larry's Collision, operated by Mr. Larry LaPaglia. By that time, it appeared that waste materials left on-site from the Shanco/Synres operation had been removed (Document B-3).

A site inspection conducted by Wehran Engineering, P.C. for the NYSDEC Phase I investigation revealed the presence of a large number of abandoned vehicles which hindered inspection of the site grounds. Areas where drums were reported to have been disposed were inaccessible. In addition to the junk vehicles, large amounts of discarded material (building materials, scrap metal, vehicle parts) were strewn haphazardly about the site.

A PSA site inspection was conducted by DUNN and TAMS personnel on July 27, 1990. It was noted during this inspection that much of the rear of the site was enclosed by chain link fencing with the exception of a section adjoining a single railroad track that runs along the southern edge of the site (Figure 2). The nature of this boundary prohibits vehicular entry but does allow personnel entry to the site. The front and southern perimeter is not fenced. Many of the junk vehicles previously reported to be present had been removed and several piles of resinous material were still present.



NOTES: SITE AS IT LOOKED DURING INSPECTION BY DUNN/TAMS TEAM ON JULY 27, 1990. TANKS, OIL DRUMS AND MOST OF THE DISCARDED TRUCK BODIES HAVE SINCE BEEN REMOVED.

DUNN ENGINEERING COMPANY
12 Metro Park Road
Albany, NY 12205

NYS DEPT. OF ENVIRONMENTAL CONSERVATION
WORK ASSIGNMENT No. D002520-3

SHANCO PLASTICS SITE LAYOUT MAP

Tonawanda, NY

PROJECT NO. 35113	DATE Mar., 1994	DWG. NO. 4A0089SD	SCALE Not To Scale	FIGURE NO. 2

A number of drums and tanks on the site were filled with what appeared to be used motor oil. The owner was in the process of having the oil, drums and tanks disposed. An air screening of the site, using an HNu photoionization detector (PID), did not indicate the presence of elevated organic vapors; however, a distinct solvent-like odor was noted at several locations. Also observed on the ground were what appeared to be damaged pieces of capacitors, small transformers and other electrical parts.

2.2 SITE TOPOGRAPHY

The site is located on a flood plain terrace approximately 1.5 miles east of the Niagara River. The site and adjacent areas are generally level with a gentle slope to the north and west toward the Niagara River.

The site is located in the greater-than-500-year flood zone (Zone C) as designated by the Federal Emergency Management Agency (FEMA) (Reference A-2).

2.3 GEOLOGY

2.3.1 Physiography

New York State is divided into nine distinct physiographic provinces on the basis of topographic relief and geology. The site is located within the Erie-Ontario lowlands which are characterized as a relatively flat low-lying area south of Lake Erie and Lake Ontario ranging in width from two to five miles. Maximum elevations in the province are in the east and south where elevations are 1000 to 1500 feet above mean sea level (MSL). The site is located in a topographically flat area at an approximate elevation of 600 feet above MSL. The area slopes gently toward the Niagara River located to the north and west of the site.

2.3.2 Surficial Deposits

Unconsolidated deposits of clay, sand and till of Pleistocene (glacial) and Holocene (recent) age underlie the site. These deposits consist of glacially derived material deposited during the latter part of the Pleistocene, as well as lacustrine material (clay and silt) deposited during the Holocene. The United States Department of Agriculture (USDA) - Soil Conservation Service has classified the soils as Urban Land (Reference A-3). The soils are well-drained and moderately well-drained clayey soils and are predominantly lake-laid sediments dominated by clay and silt. Permeability of these soils is low, ranging from 10^{-5} centimeters per second (cm/sec) to 10^{-7} cm/sec.

2.3.3 Bedrock

Bedrock underlying the site consists of the Camillus Shale of the Upper Silurian Salina Group (Reference A-4). The Camillus Shale varies in thickness from thin-bedded shale to massive mudstone; it is gray to brownish gray with some reddish or greenish beds (Reference A-4). Studies of the Camillus Shale indicate the presence of gray limestones and dolostones interbedded with the shales. Gypsum has also been noted as a significant part of the Camillus Shale with beds as thick

as five feet (Reference A-6). The Camillus Shale, estimated to be approximately 400 feet thick, dips southward at a rate of approximately 40 feet per mile (Reference A-6). Two wells at the Linde Division, Union Carbide Corporation, approximately two miles south of the site encountered the Camillus Shale at approximately 86 feet below the ground surface (Reference A-6).

2.4 HYDROGEOLOGY

2.4.1 Groundwater

The depth to groundwater is unknown in the unconsolidated materials underlying the site. Other sites in the area (e.g., the Spaulding Fibre and Bisonite Paint sites) located approximately two miles to the northeast encountered groundwater at less than 10 feet below the surface. It is assumed that the water table is at a similar depth beneath the site and that groundwater flows west or northwest toward the Niagara River.

The Camillus Shale, which underlies the site at an unknown depth, is a very productive bedrock aquifer due to its extensive network of joints, fractures and solution cavities. Cavities that yield significant quantities of water were formed by the solution of gypsum in groundwater. Yields of wells installed in the Camillus Shale have high productivity with specific capacities of up to 83 gallons per minute per foot of drawdown(Reference A-6). Records from two industrial wells drilled two miles south of the site in 1944 indicated depth to water at approximately 90 feet in a gypsiferous zone of the Camillus Shale. This water level probably represented the piezometric surface of this confined aquifer (Reference A-6).

The degree to which the site may be hydraulically connected to the underlying bedrock is uncertain as a result of limited site information. However, due to the high clay content and associated low permeability of the surficial deposits, the degree of hydraulic connection may be limited. Potential pathways may exist for groundwater movement into the fractured Camillus Shale if the lateral extent of the low permeability overburden materials is limited. Further investigation of site conditions would be required to better define any potential hydraulic connection between surficial deposits and the underlying bedrock.

2.5 PROXIMITY TO POTENTIAL RECEPTORS

2.5.1 Surface Water

The Niagara River, which is classified Class A Special (international boundary waters) and is a public drinking water source, is located less than one-mile west of the site (Reference A-7). The water intakes for the Tonawanda water treatment facility are located approximately 1.5 miles downstream of the site.

There are no known Federally endangered or threatened species and/or habitats within three miles of the site. There is a significant Coastal Fish and Wildlife habitat located 1.5 miles from the site. Also, a New York State endangered plant, the small white Ladyslipper (Cypripedium candidum) has been found approximately 1.7 miles from the site.

2.5.2 Population

The site lies within three miles of portions of the Town of Grand Island, the City of Tonawanda, the Town of Tonawanda and the City of Buffalo. This area has an estimated total population of 55,000 (Document B-4).

2.5.3 Agricultural Land

A review of topographic maps and aerial photographs, as well as the site inspection, indicate that the Tonawanda area is highly urbanized with no agricultural land located within three miles of the site.

2.5.4 Commercial Land

As observed during the site inspection on July 27, 1990, the site is located in an industrial portion of Tonawanda. The closest buildings to the site are light industrial facilities, warehouses or industrial supply facilities. Immediately north of the site is a tire supply company. To the west lies a field, beyond which are located other industrial facilities. Immediately to the east is Interstate 190 and farther east (approximately one-quarter mile) lies a residential neighborhood.

3.0 TASK DISCUSSION

The information presented herein has been based on the results of a Data and Records Search (Task 1) of state and local agency files. Evaluation of this information initiated development of a site-specific Work Plan/Health and Safety Plan (Task 2), and implementation of an environmental sampling and analysis program (Task 3).

3.1 TASK 1 - DATA AND RECORDS SEARCH

The Data and Records Search identified documentation that a number of industrial chemicals, including phenol, were used at the site for several years (Document B-8). Documentation was also found indicating that a "sludge pit" was excavated on site in August 1976, into which debris including sludge, plastic, rubble and drums may have been placed (Document B-1). This pit may contain as many as 109 drums (Document B-9). Additionally, some drums may have been disposed in an area which is now overlain by the existing building (Document B-1). However, the Data and Records Search did not document the disposal of hazardous waste at the site.

Shanco terminated operations at the facility in 1977 and moved their operation to Kenilworth, New Jersey. Synres Chemical Corporation subsequently removed approximately 140 drums from the site in 1979. The drums contained primarily resins, but several drums also appeared to contain carbolic acid (phenol) and glycerine (Document B-2). However, no landfilling activities or evidence of hazardous waste disposal were documented.

3.1.1 Previous Investigations

A soil sample collected by Shanco in June 1976 from an unknown location on-site revealed elevated levels of phenol at 58 milligrams per kilogram (mg/kg) (Document B-8). A soil boring program conducted by the USGS in late 1983 included four soil borings to a maximum depth of four feet at the perimeter of the site. One sample from each boring was analyzed for organic and inorganic parameters. One of the samples collected from the northwest corner of the rear yard at 3.5 feet below the surface indicated phenol at a concentration of 170 mg/kg (Document B-9).

The site inspection conducted during the Phase I investigation indicated that the site was covered by junk vehicles, discarded building materials and scrap metal. Several drums were observed but were assumed to be associated with site operations at that time (vehicle repair). No evidence of hazardous waste disposal was found or other contamination observed.

A Phase II Environmental Audit of the site performed by North American Environmental Services Corporation in July 1990 included collection of a single composite soil sample which was analyzed for volatile organics, phenol, cyanide, sulfide and heavy metals. The analysis did not reveal any significant contamination in the sample (Document B-11). However, no samples were collected for analysis of semi-volatile organics or PCBs. These parameters should have been considered given the amount of oil stored on-site and the solvent-like odors noted during the initial site inspection for this PSA. Also, while no volatile organic compounds (VOCs) were detected in the analysis, it is possible that low levels of VOCs that might have been present in the soil could have been lost during

the compositing procedure. As such, a composite sample from surface soils may not have been the most appropriate sample type for VOC detection.

The PSA site inspection completed in 1990 noted solvent-like odors but no conclusive evidence of hazardous waste disposal. Therefore, additional analytical data were required to properly classify the site. Subsequently, a surface soil sampling program was developed and implemented.

3.2 TASKS A AND 2 - GLOBAL WORK PLAN AND SITE-SPECIFIC DOCUMENTS

3.2.1 Global Work Plan

Task A consisted of preparation of a global work plan, quality assurance project plan (QAPP) and master health and safety plan (HASP). The project documents discussed information relevant to work planned at all 19 of the PSA sites. The work plan included:

- a description of the major tasks to be performed;
- a detailed work assignment project schedule with milestones and deliverables;
- a staffing plan; and
- a detailed work assignment budget.

The global QAPP was prepared for the 19 PSA site investigations. The QAPP provided descriptions, methodologies and Quality Assurance/Quality Control (QA/QC) procedures for the field activities proposed at each of the sites. General sampling and analytical protocols were also discussed.

A master health and safety plan was prepared to provide the general health and safety procedures to be followed by all DUNN employees and subcontractors during site investigation activities. Activity-specific health and safety procedures were also included in the document.

3.2.2 Site-Specific Documents

A site-specific work plan, QAPP and HASP were developed in Task 2 to guide further investigations at each of the 19 PSA sites. The site-specific work plan described the proposed site-specific activities, objectives, methodology and schedule of implementation for Tasks 3 through 6. The site-specific QAPP described the analytical program for each site as well and other site-specific information. The site-specific HASP detailed site-specific information including known or suspected contaminants, health and safety levels of protection required, special monitoring equipment, emergency information and procedures and a route-to-hospital map. The site-specific work plan, QAPP and HASP were prepared as one document and submitted to the NYSDEC for review and approval.

3.3 TASK 3 - NON-INTRUSIVE INVESTIGATIONS

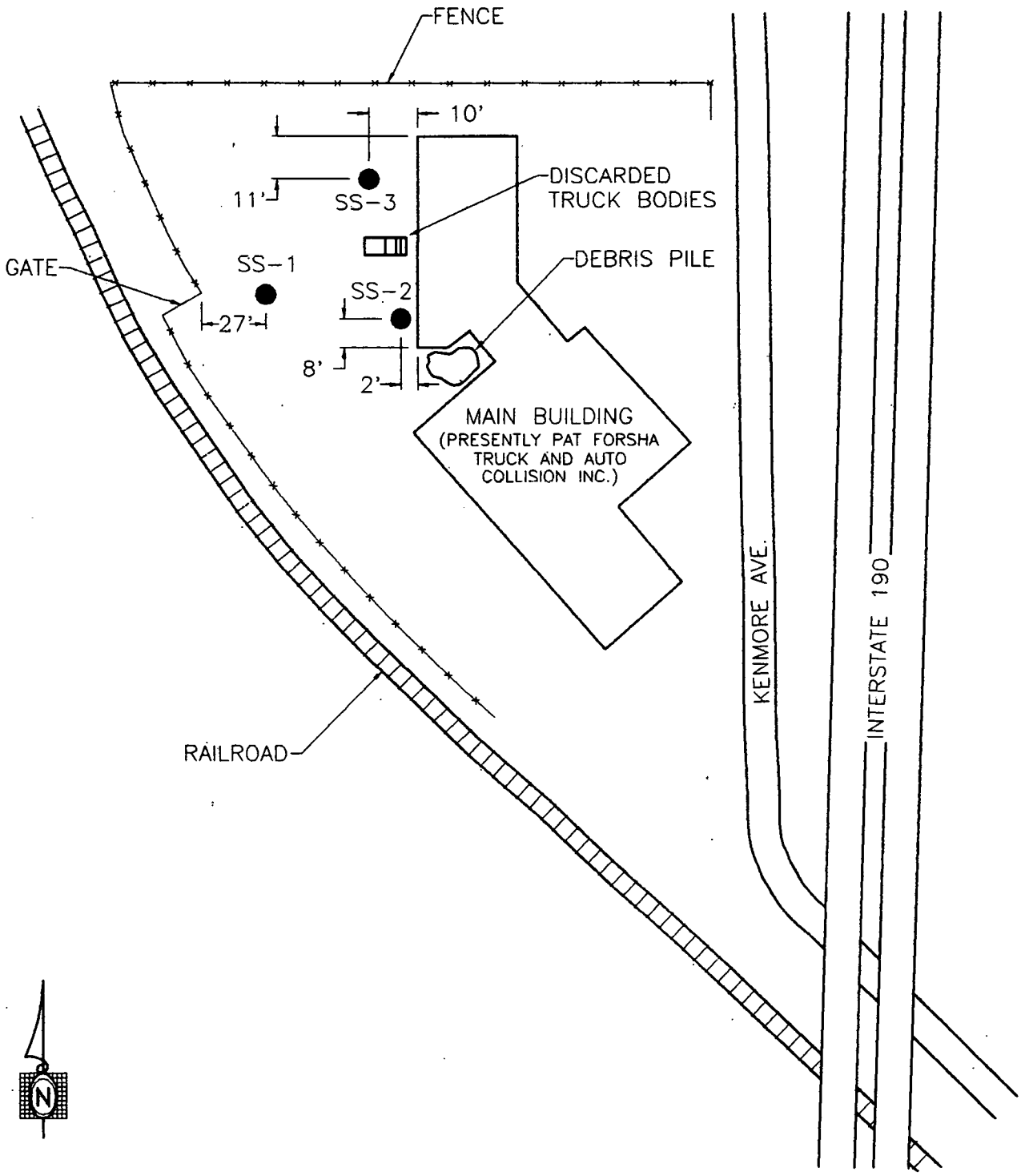
3.3.1 Initial Environmental Sampling

The initial environmental sampling included the collection of three surface soil samples which were analyzed for the full suite of Target Compound List/Target Analyte List (TCL/TAL) parameters according to NYSDEC Analytical Services Protocol - Contract Laboratory Program procedures of December 1991 (NYSDEC - ASP - CLP, 12/91).

Soil samples were collected at the locations indicated in Figure 3 using dedicated pre-cleaned hand shovels. Soils from each location were collected into dedicated pre-cleaned stainless steel mixing bowls. Prior to mixing, a sample for VOC analysis was collected into a separate laboratory-cleaned glass jar. The contents remaining in the bowl were thoroughly mixed and placed into a second jar for the balance of the analyses. Samples were placed on ice, packed in a cooler and shipped via overnight express to Nytest Environmental Inc. of Port Washington, New York for analysis. All samples were collected and shipped on November 23, 1993.

3.4 TASK 4 - SUBSURFACE INVESTIGATIONS

Subsurface investigations were not performed for this PSA.



DUNN ENGINEERING COMPANY
12 Metro Park Road
Albany, NY 12205

NYS DEPT. OF ENVIRONMENTAL CONSERVATION
WORK ASSIGNMENT No. D002520-3
SHANCO PLASTICS
SURFACE SOIL SAMPLE LOCATION MAP
SAMPLING OF NOV. 23, 1993
Tonawanda, NY

PROJECT NO. 35113	DATE Mar., 1994	DWG. NO. 4A0089SD	SCALE Not To Scale	FIGURE NO. 3

4.0 RESULTS OF INVESTIGATION

The analytical results from the three samples collected November 23, 1993 are summarized in Tables 1 and 2. The sample locations are depicted in Figure 3.

As shown in Table 1, methylene chloride and acetone were the only volatile organic compounds identified in the surficial soil samples. Both of these compounds are common laboratory artifacts at the concentrations detected. Methylene chloride was detected in similar concentrations in associated laboratory blanks and is not considered to be site-related. Although acetone was not detected in the associated laboratory blanks, the 16 micrograms per kilogram (μg/kg) concentration found in sample SS-2 is likely the result of laboratory contamination. As such, the presence of acetone is not considered to be site-related.

The semi-volatile organic analyses indicated the presence of three polycyclic aromatic hydrocarbon (PAH) compounds [(benzo (a) anthracene, chrysene, and benzo (a) pyrene)] in all three samples. At one location (SS-2) three phenolic compounds (i.e. phenol, 2-methylphenol and 4-methylphenol) and hexachlorobenzene were also detected. Sample SS-2 contained the greatest number and highest concentrations of PAH and phenolic compounds in excess of their respective RSCOs. These included phenol (detected at 3000 μg/kg) and estimated concentrations of 2-methylphenol (480 μg/kg), 4-methylphenol (1300 μg/kg), hexachlorobenzene (810 μg/kg), benzo (a) anthracene (460 μg/kg), chrysene (550 μg/kg) and benzo (a) pyrene (360 μg/kg). The only compounds found at concentrations exceeding RSCOs in the other samples were estimated concentrations of phenol (140 μg/kg), benzo (a) anthracene (360 μg/kg) and benzo (a) pyrene (270 μg/kg) in sample SS-1.

The PAH compounds found in site soils are common constituents of oil or petroleum products and may be attributed to the site's use as an automotive body shop/vehicle repair business or asphalt paving. The phenolic compounds and hexachlorobenzene may be related to site operations under Shanco Plastics.

One PCB compound (i.e. Aroclor 1260) was detected in all three samples. However, the concentrations detected were less than 6% of the RSCO (1000 μg/l) for this compound.

Inorganic analyses presented in Table 2 indicated that sample SS-2 exhibited concentrations of several metals (cadmium, chromium, copper, lead, nickel and zinc) which were elevated with respect to both the RSCO and the eastern U.S. soil background concentrations. The mercury concentration detected in sample SS-2 was only slightly higher than both the RSCO and the level in typical eastern U.S. soils. The cadmium and copper concentrations in sample SS-1 and the cadmium and calcium concentrations in sample SS-3 were only slightly elevated with respect to typical levels in eastern soils. Zinc concentrations in samples SS-1 and SS-3 were elevated with respect to the RSCO and with respect to typical eastern soils.

With the potential exception of zinc, the elevated metals detected in sample SS-2 appear to be limited in extent. Significantly elevated concentrations of cadmium, chromium, copper, lead and nickel were not detected in samples SS-1 and SS-3. Sample SS-2 was collected between a debris pile and discarded truck bodies, disposal of which could have had an impact on soil metal concentrations in the immediate area.

TABLE 1
SHANCO PLASTICS
ORGANIC ANALYTICAL SUMMARY
SAMPLING OF NOVEMBER 23, 1993
(ALL VALUES IN ug/kg)

PARAMETERS	SS1	SS2	SS3	RSCO *
Volatile Organics				
Methylene Chloride	5BJ	13B	1J	100
Acetone	-	16	-	200
Semi-Volatile Organics				
Phenol	140J	3000	280J	30 or MDL
2-Methylphenol	-	480J	-	320 or MDL
4-Methylphenol	-	1300J	-	100 or MDL
Naphthalene	-	280J	-	13000
2-Methylnaphthalene	-	540J	-	36400
Acenaphthalene	80J	270J	-	41000
Fluorene	-	240J	-	50000
N-Nitrosodiphenzlanine	-	320J	-	50000
Hexachlorobenzene	-	810J	-	410
Phenanthrene	330J	870J	100J	50000
Di-n-Butylphthalate	110J	290J	210J	8100
Fluoranthene	620J	430J	150J	50000
Pyrene	540J	1000J	160J	50000
Butylbenzylphthalate	82J	890J	890	50000
Benzo (a) anthracene	360J	460J	110J	220 or MDL
Chrysene	390J	550J	120J	400
Bis (2-Ethylhexyl) phthalate	280BJ	-	210BJ	50000
Benzo (b) fluoranthene	340J	490J	95J	1100
Benzo (k) fluoranthene	240J	380J	60J	1100
Benzo (a) pyrene	270J	360J	61J	61 or MDL
Indeno (1,2,3-cd) pyrene	170J	320J	-	2200
Benzo (g,h,i) perylene	120J	330J	-	50000
Pesticides/PCB				
Aroclor 1260	58	34J	37JP	1000

B this compound was also detected in a laboratory blank at a similar concentration
J indicates estimated concentration
- indicates not detected
* Recommended Soil Cleanup Objectives, NYSDEC TAGM HWR-94-4046, January 24,1994
MDL Method Detection Limit
Analytical results are unvalidated

TABLE 2
SHANCO PLASTICS
INORGANIC ANALYTICAL SUMMARY
SAMPLING OF NOVEMBER 23, 1993
(ALL VALUES IN mg/kg)

PARAMETERS	SS1	SS2	SS3	RSCO *	BACKGROUND **
Aluminum	6420	3970	10900	SB	33000
Antimony	13.7	30.3	-	SB	NA
Arsenic	2.0B	6.7	6.9S	7.5 or SB	3-12
Barium	199	261	172	300 or SB	15-600
Beryllium	0.92B	0.26B	0.88B	0.16	0-1.75
Cadmium	2.4	24.5	1.2	1 or SB	0.1-1
Calcium	33800	23900	50000	SB	130-35000
Chromium	28.6	123	24.3	10 or SB	1.5-40
Cobalt	6.6B	12.7	9.6B	30 or SB	2.5-60
Copper	57.3	302	19.0	25 or SB	1-50
Iron	13900	72800	26800	2000 or SB	2000-550,000
Lead	156	946	126	SB	4-61
Magnesium	10700	11500	13600	SB	100-5000
Manganese	466	497	757	SB	50-5000
Mercury	-	0.24	-	0.1	0.001-0.2
Nickel	8.3B	44.2	21.6	13 or SB	0.5-25
Potassium	1320	914B	2250	SB	8500-43000
Selenium	-	-	-	2 or SB	0.1-3.9
Silver	-	-	-	SB	200
Sodium	320B	456B	243B	SB	6000-8000
Thallium	-	-	-	SB	NA
Vanadium	11.1	14.0	22.6	150 or SB	1-300
Zinc	173	971	241E	20 or SB	9-50
Cyanide	-	-	-	NA	NA

B reported value is less than contract required detection limit, but greater than instrument detection limit
E indicates estimated concentration
- indicates not detected
* Recommended Soil Cleanup Objectives, NYSDEC TAGM HWR-94-4046; January 24,1994
** Background range in Eastern U.S. soils as defined in NYSDEC TAGM HWR-94-4046
SB indicates site background
NA indicates that an RSCO or background concentration for this constituent is not available
Analytical results are unvalidated

The concentrations and distributional pattern of metals found in site soils does not suggest that their presence is associated with Shanco Plastics. Rather, their presence is likely a result of activities associated with the vehicle repair businesses that have occupied the site since Shanco Plastics ceased operations at the facility in 1977. The analytical results for both organic and inorganic parameters do not support the conclusion that hazardous waste was disposed at the site by Shanco Plastics.

5.0 CONCLUSIONS

Based on the data and records search and the samples collected for this PSA, the following conclusions can be made.

- Documentation exists that appears to suggest that drums of waste may be buried at the site and possibly under part of the existing building. This documentation which consists of a third party reference in an internal NYSDEC memorandum cannot be considered conclusive evidence that hazardous wastes have been disposed at the site.

- Documentation exists that a pit was excavated at the site on August 19, 1976. According to a proposal and invoice from the excavating contractor, the pit was backfilled with "...sludge, plastic, rubble, etc.". However, no documentation was found which identifies what this "sludge" material was, or if hazardous wastes were disposed.

- Historic analytical data, while limited, indicate that some of the site soils have been impacted by organic chemicals, in particular phenol. Analytical data appear to indicate somewhat isolated areas of contamination. The data do not indicate that hazardous waste disposal has occurred at the site.

- Analytical data from three shallow soil samples collected for this PSA indicate that organic compounds were present in surface soils. Several of these compounds were present in one sample (SS-2) at concentrations exceeding NYSDEC RSCOs. These compounds included phenol (3000 mg/kg), 2-methylphenol (480 mg/kg), 4-methylphenol (1300 mg/kg), hexachlorobenzene (810 mg/kg), benzo(a)anthracene (460 mg/kg), chrysene (550 mg/kg) and benzo (a) pyrene (360 ppb).

- Most of the semi-volatile compounds found at the site were PAH compounds. These are common constituents of oil or petroleum products and can be attributed to the site's use as an automotive body shop/vehicle repair business or asphalt paving. The phenolic compounds and hexachlorobenzene may be related to site operations under Shanco Plastics.

- Based on the findings of this PSA, it cannot be documented that hazardous waste defined by 6 NYCRR Part 371 has been disposed at this site.

6.0 RECOMMENDATIONS

Based in the findings presented herein, Rust recommends that the Shanco Plastics and Chemicals site (Site No. 915048) be delisted from the Registry of Inactive Hazardous Waste Disposal Sites in New York State. This recommendation may be subject to change in the future if new information becomes available.

While it could not be documented that the disposal of hazardous waste defined by 6 NYCRR Part 371 has occurred at this site, evidence exists which indicates that this site may not be free of environmental concerns. Therefore, Rust recommends that the site be referred to another division within NYSDEC (e.g., Division of Solid Waste or Division of Water) for further investigation.

APPENDIX A

List of References

LIST OF REFERENCES

A-1 Wehran Engineering, P.C. for NYSDEC. Phase I Investigation, Shanco Plastics, April 1986.

A-2 Federal Emergency Management Agency (FEMA). Flood Insurance Rate Map (FIRM) Town of Tonawanda (Panel 360260 0001-0009), revised November 12, 1982.

A-3 United States Department of Agriculture. Soil Survey of Erie County, New York, 1986.

A-4 Buehler, Edward, Jr., and Tesmer, Irving, H. eds. Geology of Erie County, New York. Buffalo, New York. Buffalo Society of Natural Sciences Bulletin: Volume 21, No. 3, 1963.

A-5 U. S. Geological Survey Topographic 7.5 Minute Quadrangle Maps, 1965, Buffalo, New York, northwest and Buffalo, New York, northeast; 1980 Tonawanda, New York, west and Tonawanda, New York, east.

A-6 La Sala, A.M., Groundwater Resources of the Erie-Niagara Basin, New York, 1986.

A-7 State of New York Official Compilation of Codes, Rules and Regulations, Department of State, Title 6C.

A-8 Settig, Marshall, Handbook of Toxic and Hazardous Chemicals and Carcinogens. Park Ridge, New Jersey: Noyles Publications, 1985.

A-9 Sax, N. Irving, and Richard J. Lewis, Sr., Dangerous Properties of Industrial Materials., New York, New York: Van Nostrand Reinhold Company, 1984.

A-10 New York State Department of Health, New York State Atlas of Community Water System Sources, 1982.

APPENDIX B

List of Documents Cited

LIST OF DOCUMENTS CITED

B-1 Letter from Joyce Pomerance, Controller for Synres Chemical Company to Judith S. Schreiber, Interagency Task Force on Hazardous Wastes, January 12, 1979.

B-2 Correspondence concerning Drum Removal and Cleanup of Site, May 1979 - March 1980.

B-3 Memorandum, Erie County Department of Environment and Planning, from Don Campbell, P.E. to Lawrence G. Clare, P.E., June 5, 1981.

B-4 1990 Census Figures for Buffalo Area Cities and Towns, The Buffalo News, January 25, 1991.

B-5 Groundwater Resources of the Erie Niagara Basin, New York prepared by USGS in cooperation with the New York State Conservation Department, Divsion of Water Resources, 1968.

B-6 Memorandum, NYSDEC, to Barbara Guibord from Glenn Bailey, January 24, 1983.

B-7 Industrial Chemical Survey List of Chemicals Used On-Site, August 25, 1978.

B-8 Analytical Results from a Soil Sample Collected June 24, 1976.

B-9 Letter to Steven Polowitz, from Peter Buechi, P.E., Associate Sanitary Engineer, NYSDEC, January 13, 1984.

B-10 Memorandum, Erie County Department of Environmental Quality, to Anthony T. Voel, from Fuad L. El Ibeashi, March 16, 1977.

B-11 Environmental Site Assessment, North American Environmental Services Corporation, July 16, 1990.

B-12 Reports of calls made to various individuals for this PSA.

APPENDIX C

Color Photographs

Shanco Plastics and Chemical Company Site

Photo Log

Photo Log Description

Shanco Plastics and Chemical Company

1) Empty drum and storage tank area located at the southern edge of the property.
Direction: West

2) Concrete pad with automotive debris located in the northwest section of the site.
Direction: Northwest

3) Empty cargo bins with automotive debris located in the central section of the site.
Direction: West

4) Automotive and construction debris between the railroad tracks and the fence is being picked up and hauled off site.
Direction: Southwest

5) Former pond area filled in with cattails located in the northwest section of the site.
Direction: Northwest

6) Disposal area between the two buildings located in the central section of the site.
Direction: Northeast

7) Resin material in a debris pile located in the western section of the site.
Direction: West

8) The front side of the former Shanco plant.
Direction: West

9) The front side of the former Shanco plant.
Direction: Northwest

Photo No. 1

Photo No. 2

Photo No. 3

Photo No. 4

Photo No. 5

Photo No. 6

Photo No. 7

Photo No. 8

Photo No. 9

APPENDIX D

USEPA Form 2070-13

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1-SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. SITE NAME AND LOCATION

01SITE NAME (Legal,common,or descriptive name of site)	02 STREET,ROUTE NO.,OR SPECIFIC LOCATION IDENTIFIER				
Shanco Plastics and Chemicals, Inc. (Former) Corsi Fleet Service, Inc. (Present)	2716 Kenmore Avenue				
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY	08 CONG
Tonawanda	NY	14150	Erie	CODE 029	DIST

09 COORDINATES		10 TYPE OF OWNERSHIP (Check one)
LATITUDE	LONGITUDE	X A. PRIVATE __B. FEDERAL__ __C. STATE __D. COUNTY __E. MUNICIPAL
42 58'30.0"N	078 54'45.0"W	__F. OTHER_____ __G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION		
07 27 90 MONTH DAY YEAR	__ACTIVE X INACTIVE	_____ BEGINNING YEAR	_____ ENDING YEAR	__UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)

__A. EPA __B.EPA CONTRACTOR (Name of firm)_____ __C. MUNICIPAL __D. MUNICIPAL CONTRACTOR (Name of firm)_____

__E. STATE X F. STATE CONTRACTOR Dunn Geoscience/TAMS Consultants __G. OTHER_____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
George Moretti	Environmental Scientist	Dunn Geoscience Engineering Co.	(716)691-3866
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Martin Derby	Hydrogeologist	TAMS Consultants	(716)831-8084
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS: 2716 Kenmore Avenue	16 TELEPHONE NO.
Frank Corsi (Corsi Fleet Service, Inc.)	Owner	Tonawanda, NY 14150	(716)877-0855
			( )
			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
X PERMISSION __ WARRANT	0930	Sunny, clear, 80 degrees Farenheit

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Mark Matuenas	NYSDEC	(518)457-0639

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Ted Yen		TAMS Consultants	(201)338-6680	08/ 28/ 90 MO. DAY YR.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE

SITE INSPECTION REPORT

PART 2 - WASTE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. WASTE STATE, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

X A. SOLID
__ B. POWDER, FINES
X C. SLUDGE
__ D. OTHER _____ (Specify)
__ E. SLURRY
X F. LIQUID
__ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS 480
CUBIC YARDS _____
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

X A. TOXIC
X B. CORROSIVE
__ C. RADIOACTIVE
__ D. PERSISTENT
X E. SOLUBLE
__ F. INFECTIOUS
__ G. FLAMMABLE
__ H. IGNITABLE
__ I. HIGHLY VOLATILE
__ J. EXPLOSIVE
X K. REACTIVE
__ L. INCOMPATIBLE
__ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown		See below
IOC	INORGANIC CHEMICALS			
ACD	ACIDS	Unknown		See below
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONC.
OCC	Phenols	9999	Buried	Unknown	
ACD	Sulfuric Acid	7664-93-9	Buried	Unknown	
OCC	Phenol Resins	9999	Buried	Unknown	
OCC	Polymerizers	9999	Buried	Unknown	

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	Not Applicable		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

USEPA Site Inspection report prepared by USEPA-NUS Corp. FIT 2 - 12/31/84

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS	I. IDENTIFICATION 01 STATE: NY 02 SITE NUMBER: D000512897

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 X A. GROUNDWATER CONTAMINATION — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 82,000 — 04 NARRATIVE DESCRIPTION

The potential for groundwater contamination exists since drums containing phenols were buried at the site.

01 __ B. SURFACE WATER CONTAMINATION — 02 __ OBSERVED (DATE: _____) — _ POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential for surface water contamination exists because the Niagara River intakes are approximately 4 stream miles from the site.

01 X C. CONTAMINATION OF AIR — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 82,000 — 04 NARRATIVE DESCRIPTION

A low potential for air contamination exists. HNU PID readings taken during the site reconnaissance did not indicate readings above background.

01 __ D. FIRE/EXPLOSIVE CONDITIONS — 02 __ OBSERVED (DATE: _____) — __ POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

No potential for fire/explosive conditions were observed during the site reconnaissance.

01 __ E. DIRECT CONTACT — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Low potential for direct contact exists. The surface drums were removed from the site and disposed. Site is mostly fenced.

01 X F. CONTAMINATION OF SOIL — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Shanco Plastics may have buried wastes on site prior to 1976. Soil samples were collected in May, 1983 by USGS, and one substrate sample indicated 170 ppm phenol.

01 __ G. DRINKING WATER CONTAMINATION — 02 __ OBSERVED (DATE: _____) — __ POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

There is little potential for drinking water contamination as the Niagara River is located 4 stream miles from the site, which is a drinking water resource. The intakes are approximately 5 stream miles from the site.

01 __ H. WORKER EXPOSURE/INJURY — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Low potential exists since the drummed wastes were removed in 1980. However, surface soils have not been characterized.

01 X I. POPULATION EXPOSURE/INJURY — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 82,000 — 04 NARRATIVE DESCRIPTION

There is little potential for population exposure as the Niagara River is located 4 stream miles from the site, which is a drinking water resource. The intakes are approximately 5 stream miles from the site.

EPA

POTENTIAL HAZARDOUS WASTE SITE

SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	D000512897

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 __ J. DAMAGE TO FLORA — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

Low potential exists since no signs of distressed vegetation was observed during the site reconnaissance.
The Cyrpipedium candidum can be found approximately 1.75 miles from the site.

01 __ K. DAMAGE TO FAUNA — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

04 NARRATIVE DESCRIPTION (Include name(s) of species)

Some potential exists since the surface drums were disposed off-site, however, buried drums may still remain.
A Sterna hirundo nesting area is located at the Niagara River intakes. The Sterna hirundo is a NYS threatened species.

01 __ L. CONTAMINATION OF FOOD CHAIN — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

04 NARRATIVE DESCRIPTION

Some potential exists since the buried drums may still exist.

01 X M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 2,000

04 NARRATIVE DESCRIPTION

No known precautions were taken to contain the buried wastes.

01 __ N. DAMAGE TO OFFSITE PROPERTY — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

04 NARRATIVE DESCRIPTION

Buried drums have neither been confirmed or denied by sampling or excavation.

01 __ O. CONTAMINATION OF SEWERS, STORM DRAINS, OR WWTPs — 02 __ OBSERVED (DATE: _____) — X POTENTIAL — __ ALLEGED

04 NARRATIVE DESCRIPTION

Potential exists since the drums may still be buried on site.

01 __ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 __ OBSERVED (DATE: _____) — __ POTENTIAL — __ ALLEGED

04 NARRATIVE DESCRIPTION

A low potential exists since facility is being used but fence does not encircle entire property.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL,OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 75,000

IV. COMMENTS

The present owner operates a truck repair service on the site.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site reconnaissance conducted by Dunn Geoscience Engineering Co./TAMS Consultants, Inc. on 7/27/90.

Site inspection performed by USEPA-NUS Corp. FIT 2 in 1984.

EPA

POTENTIAL HAZARDOUS WASTE SITE

SITE INSPECTION

PART 4-PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D00512897

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
__A. NPDES				
__B. UIC				
X C. AIR	1416001290	Unknown	Unknown	
__D. RCRA				
__E. RCRA INTERIM STATUS				
__F. SPCC PLAN				
__G. STATE(Specify)				
X H. LOCAL(Specify)	0026395	Unkwown	Unknown	
__I. OTHER(Specify)				
__J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
__ A. SURFACE IMPOUNDMENT		
__ B. PILES		
__ C. DRUMS,ABOVE GROUND		
__ D. TANK,ABOVE GROUND		
__ E. TANK,BELOW GROUND		
__ F. LANDFILL		
__ G. LANDFARM		
__ H. OPEN DUMP		
X OTHER Buried drums (Specify)	40	Drums

04 TREATMENT (Check all that apply)

__A. INCINERATION
__B. UNDERGROUND INJECTION
__C. CHEMICAL/PHYSICAL
__D. BIOLOGICAL
__E. WASTE OIL PROCESSING
__F. SOLVENT RECOVERY
__G. OTHER RECYCLING/RECOVERY
__H. OTHER_____
(Specify)

05 OTHER

X A. BUILDINGS ON SITE
2

06 AREA OF SITE

1 (Acres)

07 COMMENTS

Waste was dumped into a trench behind the facility before 1976. Additional drummed waste may be under an existing building. When Shanco Plastics closed, it left 140 drums of waste which CECOS removed to their facility in Niagara Falls.

IV. CONTAINMENT

01CONTAINMENT OF WASTES(Check one)

X A. ADEQUATE,SECURE __B. MODERATE __C. INADEQUATE,POOR __D. INSECURE,UNSOUND,DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINER, BARRIERS, ETC.

Drums containing phenolic resins were stored on site then allegedly buried on site, possibly in two areas. One area may be under an existing building, while the other area may be a pit in the back of the property.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: __YES X NO

02 COMMENTS

Much of the surface waste has been removed from the site. Buried waste may still exist. Surface contamination may still exist. The existing fence, while not completely around the site, restricts incidential traffic across the site.

VI. SOURCES OF INFORMATION(Cite specific references, e.g., state files, sample analysis, reports)

Dunn Geoscience Engineering Co./TAMS Consultants, Inc. site reconnaissance - 7/27/90.

USEPA Site Inspection report prepared by USEPA-NUS Corp. FIT2 - 1984.

EPA

POTENTIAL HAZARDOUS WASTE SITE

SITE INSPECTION REPORT

PART 5-WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	SURFACE	WELL
COMMUNITY	A. X	B.____
NON-COMMUNITY	C.____	D.____

02 STATUS	ENDANGERED	AFFECTED	MONITORED
	A.____	B.____	C. X

03 DISTANCE TO SITE
A. 1.5 (mi)
B.____(mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

___A. ONLY SOURCE FOR DRINKING

___B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available)

X C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available)

___D. NOT USED, UNUSEABLE

02 POPULATON SERVED BY GROUNDWATER	03 DISTANCE TO NEAREST DRINKING WATER WELL
0	>3 (mi)

04DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
Unknown, but may be less than: 30 (ft)	Southeast	70 (ft)	30,000 (gpd)	___YES X NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)
Industrial wells are in use one mile east and west of the site. The well depth ranges from 100 to 140 feet. No well, either monitoring or production, exist on site. No drinking water wells exist since public water supply is the Niagara River.

10 RECHARGE AREA		11 DISCHARGE AREA	
___YES	COMMENTS	___YES	COMMENTS
___NO		___NO	Unknown

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

X A. RESERVOIR, RECREATION DRINKING WATER SOURCE

___B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES

X C. COMMERCIAL,INDUSTRIAL

___D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED: (Y/N)	DISTANCE TO SITE
Niagara River	N	1.5 (mi)
_____	_____	_____(mi)
_____	_____	_____(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 2,000	B. 30,000	C. 82,000
NO. OF PERSONS	NO. OF PERSONS	NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION: 0.4 (mi)

03 NUMBER OF BUILDING WITHIN TWO(2)MILES OF SITE	04 DISTANCE TO NEAREST OFF-SITE BUILDING
Approximately 1500-2000	0.01 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)
The site is situated in an industrial residential area which is part of the western fringe of the City of Buffalo.
West of the site are various refineries and processing plants and ultimately the Niagara River.
A densely populated area in within one mile of the site.

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 5-WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA	I. IDENTIFICATION 01 STATE NY	 02 SITE NUMBER D000512897

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

___A. 10-6 to 10-8 cm/sec X B. 10-4 to 10-6 cm/sec ___C. 10-4 to 10-3 cm/sec ___D. GREATER THAN 10-3 cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

___A. IMPERMEABLE (Less than 10-6 cm/sec) X B. RELATIVELY IMPERMEABLE (10-4 to 10-6 cm/sec) ___C. RELATIVELY PERMEABLE (10-2 to 10-4 cm/sec) ___D. VERY PERMEABLE (Greater than 10-2 cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
~ 55 (ft)	Unknown	Unknown	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
5.0 (in)	2.1 (in)	0-3 %	West	0-3 %

09 FLOOD POTENTIAL

SITE IS IN >500 YEAR FLOODPLAIN

10

____ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. >3 (mi) OTHER: B. 1.5 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

1.7 (mi)

ENDANGERED SPECIES: *See Item 14 Site Description Section

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL: _____(mi

RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FOREST, OR WILDLIFE RESERVES: _____(mi)

AGRICULTURAL LANDS

PRIME AG LAND: C._____(mi

AG LAND: _____(mi

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Site is relatively flat area sloping very gently to the west. Raised railroad tracks run along west, while elevated interstate located to the east.

* There are no Federally endangered or threatened species within a three mile radius of the site. There is is a significant Coastal Fish and Wildlife habitat 1.5 miles from the site. Also a New York State endangered plant, the small white ladyslipper (Cypripedium candidum) is found approximately 1.7 miles from the site.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

NYSDEC Phase I Report on Shanco Plastics and Chemicals, Inc. prepared by Wehren Engineering.
Interview with Dave Denk of NYSDEC Regulations, 7/18/90.
Interview with Mark Mandel of NYSDEC Fish and Wildlife, 7/20/90.
Heritage Maps, Coastal Fish and Wildlife Maps, and NYSDEC Wetlands supplied by Region 9 office.

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 6-SAMPLE AND FIELD INFORMATION	I.IDENTIFICATION 01 STATE NY	 02 SITE NUMBER D000512897

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	None		
SURFACE WATER	None		
WASTE	None		
AIR	None		
RUNOFF	None		
SPILL	None		
SOIL	None		
VEGETATION	None		
OTHER	None		

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Air Monitoring	HNU-PID readings not above background
Radiation Monitoring	Monitor 4 mini-rad readings not above background

IV. PHOTOGRAPHS AND MAPS

01 TYPE X GROUND X AERIAL	02 IN CUSTODY OF: Dunn Geoscience Engineering Co. SUNY Buffalo at Amherst Undergraduate Library (Name of organization or individual)
03 MAPS X YES __NO	04 LOCATION OF MAPS Dunn Geoscience Corp./TAMS Consultants, Inc.

V. OTHER FIELD DATA COLLECTED (provide narrative description)

Field notes are in the custody of George Moretti - Dunn Geoscience Engineering Co.

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

1966 aerial photographs from the SUNY Buffalo.
US Dept. of the Interior, Geological Survey Topographic Maps, 7.5 minutes series - "Buffalo NW, NY" - photorevised 1980.
Site reconnaissance conducted by Dunn Geoscience Engineering Co./TAMS Consultants, Inc. on 7/27/90.
NYSDEC Division of Hazardous Wastes, Inactive Hazardous Waste Disposal Report.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7-OWNER INFORMATION

I.IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. CURRENT OWNER(S)			PARENT COMPANY(If applicable)		
01 NAME Frank Corsi		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.) 2716 Kenmore Avenue		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY Tonawanda	06 STATE NY	07 ZIP CODE 14150	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S)(List most recent first)			IV. REALTY OWNER(S)(If applicable;list most recent first)		
01 NAME Shanco Plastics and Chemicals, Inc.		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.) 1036 Commerce Avenue		04 SIC CODE 2821	03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE
05 CITY Union	06 STATE NJ	07 ZIP CODE 07083	05 CITY	06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION(Cite specific references, e.g., state files, sample analysis, reports)

NYSDEC Region 9, Division of Hazardous Waste, Remediation, Inactive Hazardous Waste Disposal Report.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8-OPERATOR INFORMATION

I.IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. CURRENT OPERATOR(Provide if different from owner)			OPERATOR'S PARENT COMPANY(If applicable)		
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

III. PREVIOUS OPERATOR(S)(List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

V. SOURCES OF INFORMATION(Cite specific references, e.g., state files, sample analysis, reports)

NYSDEC Region 9, Division of Hazardous Waste Remediation, Inactive Hazardous Waste Disposal Report

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9-GENERATOR/TRANSPORTER INFORMATION

I.IDENTIFICATION	
01 STATE	02 SITE NUMBER
NY	D000512897

II. ON-SITE GENERATOR

01 NAME		02 D+B NUMBER
Shanco Plastics and Chemicals, Inc.		00-052-3340
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE
2716 Kenmore Avenue		2821
05 CITY	06 STATE	07 ZIP CODE
Tonawanda	NY	14150

III. OFF-SITE GENERATOR(S)

01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
None					
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

IV. TRANSPORTER(S)

01 NAME		02 D+B NUMBER	08 NAME		09 D+B NUMBER
Downing Container Service					
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	10 STREET ADDRESS(P.O.Box, RFD#,etc.)		11 SIC CODE
191 Gason Street					
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
Buffalo	NY	14203			
01 NAME		02 D+B NUMBER	01 NAME		02 D+B NUMBER
Frontier Chem. Waste Process, Inc.					
03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE	03 STREET ADDRESS(P.O.Box,RFD#,etc.)		04 SIC CODE
4626 Royal Avenue					
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Niagara Falls	NY	14303			

V. SOURCES OF INFORMATION(Cite specific references, e.g., state files, sample analysis, reports)

USEPA Site Inspection report prepared by USEPA-NUS Corp. FIT 2 - 1984

EPA FORM 2070-13(7-81)

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 - PAST RESPONSE ACTIVITIES	I. IDENTIFICATION 01 STATE NY	 02 SITE NUMBER D000512897

II. PAST RESPONSE ACTIVITIES

01 __ A. WATER SUPPLY CLOSED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ D. SPILLED MATERIAL REMOVED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ F. WASTE REPACKAGED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 X_ G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION Forty drums were excavated and transported to CECOS landfill.	02 DATE: _9/79_	03 AGENCY_NYSDEC_
01 __ H. ON SITE BURIAL 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ L. ENCAPSULATION 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ N. CUTOFF WALLS 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 10 – PAST RESPONSE ACTIVITIES	I. IDENTIFICATION 01 STATE: NY 02 SITE NUMBER: D000512897

II. PAST RESPONSE ACTIVITIES(Continued)

01 __ R. BARRIER WALLS CONSTRUCTED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ S. CAPPING/COVERING 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ T. BULK TANKAGE REPAIRED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ U. GROUT CURTAIN CONSTRUCTED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ V. BOTTOM SEALED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ W. GAS CONTROL 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ X. FIRE CONTROL 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ Y. LEACHATE TREATMENT 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ Z. AREA EVACUATED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ 1. ACCESS TO SITE RESTRICTED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 __ 2. POPULATION RELOCATED 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____
01 X_ 3. OTHER REMEDIAL ACTIVITIES 04 DESCRIPTION No previous history	02 DATE: _____	03 AGENCY_____

III. SOURCES OF INFORMATION (Cite specific references, e.g., state file sample analysis, reports)

NYSDEC, Division of Hazardous Waste Remediation, Inactive Hazardous Waste Disposal Report.

EPA	POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 11-ENFORCEMENT INFORMATION	I. IDENTIFICATION 01 STATE NY	 02 SITE NUMBER D000512897

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ___YES X NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

No previous history

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, ample analysis, reports)

USEPA Site Inspection report on the Shanco site prepared by USEPA-NUS Corp. FIT 2 - 1984.