L# 0970905008 Lake Co.
Profile Gear Corp.
ILD# 180013476
SF/HRS

EPA Region 5 Records Ctr.
391042

CERCLA
Integrated Site Assessment

Illinois Environmental Protection Agency

2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

RELEASED
DATE 9/12/96
RIN # 2324
INITIALS J.P.

Confidential material may be enclosed.

Printed on Recycled Paper

CERCLA Integrated Assessment Report

for the

PROFILE GEAR CORPORATION

ILD# 180013476

****

TABLE OF CONTENTS

SECTION 1 Page

Introduction.....1
Site History.....1
Site Reconnaissance.....6
Geology.....8
Ground Water Pathway.....9
Surface Water Pathway.....11
Air Exposure Pathway.....11
Soil Exposure Pathway.....12

SECTION 2

Illinois State Map.....Figure 1
Site Location/Topography.....Figure 2
Aerial Photos.....Figure 3

SECTION 3

EPA Form 2050-0095 Potential Hazardous Waste Form

SECTION 4

Supporting Documents

-7326-
PA1 Wfan C.

Executive Summary

I. INTRODUCTION

The Profile Gear Corporation was placed on CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) in August of 1992, as a result of a request for discovery action intitiated by the Illinois Environmental Protection Agency. This action was taken as a result of soil contamination revealed by an individual who expressed interest in purchasing the property, in addition to a nearby business that suspected cutting oils from the machines had leaked onto surficial soils.

The purpose of this Integrated Assessment was to gather information in regard to the Profile Gear Corporation and evaluate whether the site needs additional action under the authority of CERCLA/SARA. Information in this report provides insight in examining the potential health and safety concerns the sight may have on the nearby residents and to the environment.

HISTORY

After conducting a site interview with Illinois Environmental Protection Agency Personnel, the potenial buyer of the property, and Inland Environmental Consultants, it was discovered that the three acre parcel of land was used for crop production until 1968. It was in this year, that a building was constructed by the MTC Gear Corporation. The

building is relatively small and consists of a shop area and a small office located near the entrance to the facility.

The facility is located at 105 S. Bradley Road in Libertyville, Illinois. The business consisted of a general machine shop, which manufactured metal parts and components such as gears, transmissions, gear boxes, and other parts. Much of the work required machine cutting, milling, grinding, heat treating, quenching and a variety of operations that would be associated with a machine shop. Inside the bulding, areas were designated for machine work, waste drum storage quenching tank, degreasing, and a heat treatment.

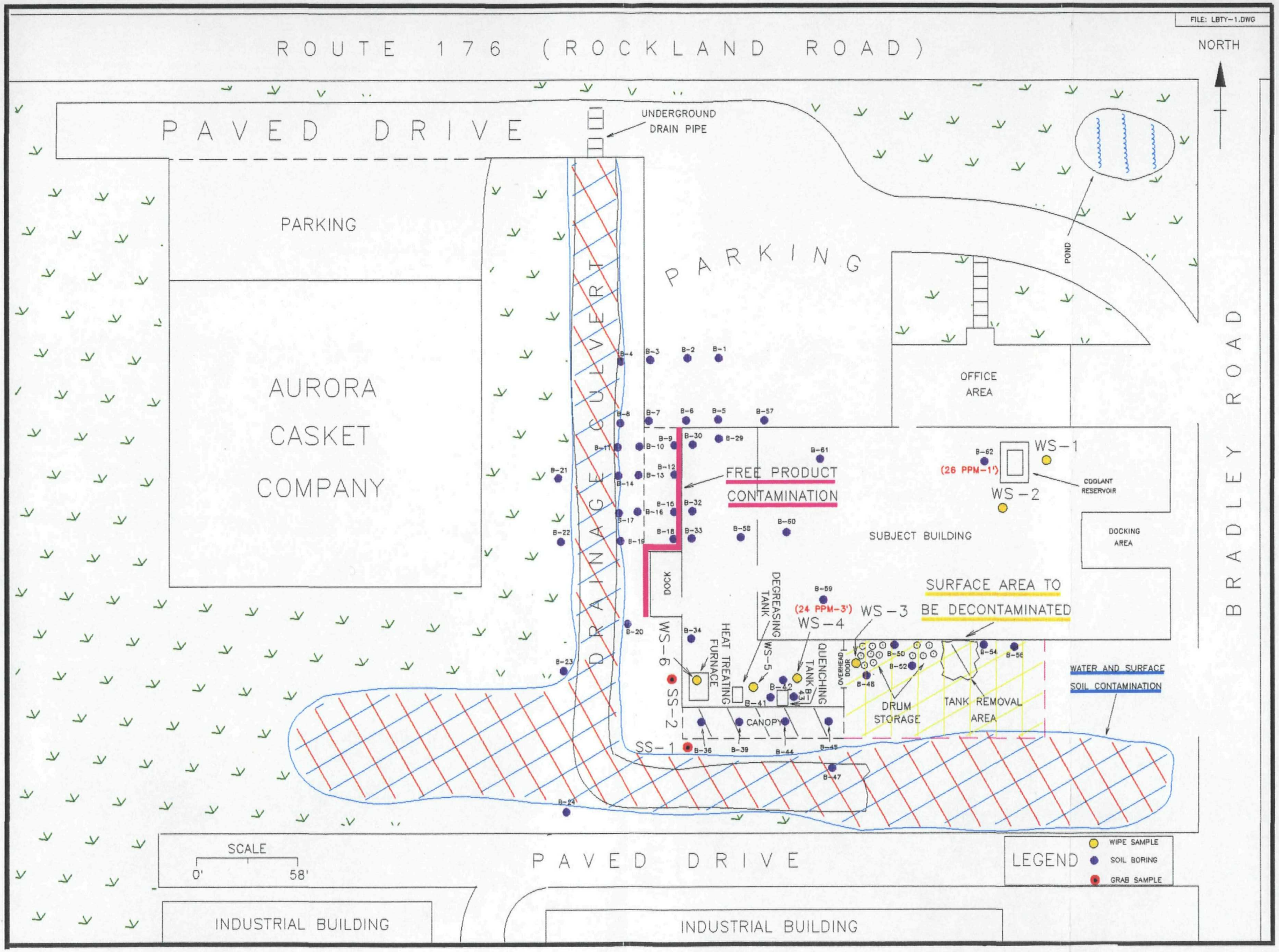
As the business expanded, additions were made to the building in 1975 and 1978 until the structure totaled 55,000 square feet. In 1983, Profile Gear Corporation purchased the building as a result of a bankruptcy sale and continued the same basic operations of a machine shop. Profile operated at this location until 1991 and then closed due to declining business.

A soil investigation of the Profile Gear Corporation began in June of 1990, as contracted by the Company. The subsoil investigation resulted as to determine the extent of soil contamination of soils along the former machine storage area at the south property line. This area was suspected to be contaminated due to the proximity of the machine storage area. Several of the machines used in the business were stored on the south side of the building and cutting oils ran off the machines and onto the ground, inturn, saturating the

soils with petroleum hydrocarbons (see map on page 4). Another area that revealed contaminated soils was the west side of the facility. This is where used cutting oils were stored in drums along the side of the building. The oils were allowed to drain onto the ground between the building and the concrete pad in which they were located. This side of the building revealed staining on the concrete which suggests repeated spills.

Analytical results from the soil investigation revealed high levels of semivolatiles in both of the areas of suspected contamination. The high levels of semivolatiles can be attributed to the cutting oils from the various machines. Approximately 17 soil samples were taken during the course of the initial investigation.

In February of 1992, Mr. Lawrence Adleman (current owner) contracted Inland Environmental Consultants to conduct a Phase I Site Assessment and Phase II Soil Investigation of the Profile Gear Corporation located at 105 S. Bradley Road in Libertyville, Illinois. A total of 48 soil borings were drilled at the subject propety. The borings were located throughout the 3.1 acres as shown in the following map.



Profile Gear Corporation, Libertyville, Illinois.

Truck and trailer mounted drill rigs were used with the aid of hollow-stem augars and split spoon samplers throughout the course of the inspection. The samples were obtained at three, five, ten, and fifteen feet and all the leftover borings were placed into the original hole.

Analytical data from the borings collected revealed the soils sustained high concentrations of petroleum-based compounds. The majority of contaminants were located to the south and west sides of the facility in addition to the small ditch located directly west of the building. The investigation concluded that the contaminated soil was concentrated in the surficial soils and that contaminants were of minimal concern at increased depths.

As a result of the soil contamination, Inland Environmental Consultants was contracted to conduct a clean-up of the site. The remediation was conducted without IEPA oversight and involved bioremediation of contaminated soils outside the building as well as the decontamination of the inside of the building. The inside of the 55,000 square foot building was washed and the rinsate collected and hauled off-site by licensed hauler. The contaminated soil surrounding the building was excavated and bioremediated on site due to the minimal waste quantity involved. No soil was hauled off-site during the entire clean-up. The property is currently for sale and the building is vacant.

RECONNAISSANCE

A CERCLA pre-remedial site reconnaissance was conducted December 8, 1993, by Mr. Gregory A. Spencer and Mr. Ken Corkill of the Illinois Environmental Protection Agency. Weather conditions at the time of the reconnaissance were cloudy skies and a temperature of 30 degrees. The author and Mr. Corkill met Mr. James Frycek and Dave Frycek of Inland Environmental Consultants to discuss the past environmental problems associated with the site and the clean-up that had been recently completed. The representatives from both parties reviewed documents and discussed the various stages to the clean-up that was conducted. After a short conversation, the IEPA representatives then inspected the subject property while photo documenting the areas of contamination.

The first area inspected was the North side of the facility. In this area, a large paved parking lot was present in addition to the office area and entrance to the building. Directly east of this area near Route 176 (Rockland Rd), was a small pond approximately 75 feet across. This pond was fed by surface water run-off accumulating on the building which flows through an underground gutter system to the pond. The pond was approximately three to four feet deep and appeared clear at the time of the reconnaissance. The next area inspected was the loading dock area on the east side of the building. This area was used for shipping and receiving of the products associated with the business. This

area is approximately four feet below the parking lot. The south side of the building had the most severe contamination because this is where numerous machines were stored outside on a concrete pad. Oils were allowed to drain from the machines into the nearby ditch and onto surficial soils. The west side of the building was the next area inspected. This location is where drums of cutting oils were stored on a driveway and allowed to leak near the foundation of the property. Staining was observed on this side of the building which suggest repeated spillage. It should be noted that workers were present at the time of the reconnaissance, but were inside the building remodeling.

After conducting the on-site reconnaissance, the author and Mr. Corkill inspected the surface water runoff route to examine the potential impact of the site on nearby streams and wetlands. It appears the majority of surface water from the site flows into a ditch at the southern and western property boundaries. From this area, the water flows south into nearby storm drains and small ditches. The storm drains in close proximity to the site revealed oil stains which may be attributable to Profile.

In addition to the on-site reconnaissance, coordination with the IEPA and U.S. EPA's On-Scene Coordinator (OSC), Brad Benning, who was assigned to the Profile Gear Corporation, was conducted. A review of the existing data and a discussion of the potential health risks associated with the site was completed between agency personnel.

GEOLOGY

The Profile Gear Corporation is located on a relatively flat area on the slightly rolling Valparaiso Moranic system of the Wisconsinan age. Quaternary glacial drift deposits in Lake County vary in thickness from approximately 90 feet in the southeastern part of the county, to more than 300 feet in the west-central portion of the county. Surficial sand and gravel deposits in this area are only present in thin discontinuous stringers. Deeper sand and gravel deposits are present at various locations in the county and where sufficiently thick, offer potential for developing moderate to large quantities of water from individual wells. The glacial drift deposits in the Libertyville area are approximately 230 feet thick and overlie Silurian age dolomite of the Niagaran-Alexandrian Series which is approximately 110 feet thick. The water-yeilding capabiltity of the dolomite is dependent upon the number, size, and degree of interconnection of water-filled cracks and crevices within the rock. In some areas, the dolomite directly underlies permeable glacial deposits of water-bearing sand and gravel. Under the Silurian Dolomite, is the Ordovician age Maquoketa Group composed primarily of nonwater-bearing shale which separate the Silurian aquifer from the deeper lying water-bearing units. These shales lie at approximately 350 feet in depth and are approximately 210 feet thick. The Maquoketa Group generally is not considered as a source of

water; however, locally, small supplies for domestic use may be obtained from minor systems of cracks and crevices in the more dolomitic portions of these rocks, usually found in the upper part of the middle unit of this group. Below the Maquoketa Group is a thick sequence of hydrologically connected rocks referred to as the Cambrian-Ordovician aquifer. This aquifer system consists of the Galena-Platteville Dolomite, the Glenwood-St. Peter Sandstone, Eminence-Potosil Dolomite, Franconia Formation, and the Ironton-Galesville Sandstone. Underlying this series is the Eau Claire Formation. This aquifer is the deepest fresh water aquifer in northern Illinois lying between 1500 and 1700 feet deep. Wells positioned in this aquifer usually extend only a few hundred feet as the water quality deteriorates with depth.

GROUNDWATER PATHWAY

Illinois State Water Survey (ISWS) records indicate that there are 24 public water systems in Lake County using the sand and gravel deposits as a source for water although none that are in close proximity to the site are used. Libertyville has four public wells within a four-mile radius of the Profile Gear Corporation. Well numbers 1, 5, 11, and 12, are all located to the north of the site. The depths range from 160 feet deep to 795 feet deep and can serve an estimated 19,000 people. Three of the four wells are located approximately two miles from the site, while the fourth well

is located three miles from the site. Other municipalities in a four-mile radius of the site include Wildwood, Shields, Lake Bluff, Vernon Hills, and Mundelein. In April of 1992, the Central Lake County Joint Action Water Agency began servicing approximately 15 muncipalities and subdivisions previously on well water. The Joint Action Water Agency obtains its water from the North Chicago Water Department which draws its water from surface water intakes located in Lake Michigan. The following is a list of those municipalities provided with the service.

Libertyville
Mundelien
Vernon Hills
Lake Bluff
Knollwood
Gurnee
Wildwood
Grayslake
Round Lake Park

An estimated 120,000 people are served through this system while the previously used public wells are part of the backup system and are considered stand-by wells.

Well logs of private wells in the area indicate private users obtain their water from shallow sand and gravel aquifers ranging in depth from 50 to 90 feet. Due to the recent switch to city water, only general information could be obtained as to the use of private wells in the area, but there are believed to be 500 to 700 private well users within a four-mile radius of the site.

SURFACE WATER PATHWAY

Surface water accumulating on the three acres in which the site occupies flows primarily to the south and east. After accumulating in a small ditch to the south of the building, the water flows eastward until it reaches a storm drain. Upon entering the storm drain, the surface water flows to the North Shore Sanitary District in Gurnee, Illinois. The surface water runoff from the north side of the site enters a ditch along Rockland Road (Route 176) and into a culvert which flows north under the road. From this area, the water accumulates in a small ditch and eventually ends up in the North Branch of the Chicago River. Although surface water from the site does enter the river, the majority enters nearby storm water runoff drains and would only enter the river during heavy periods of precipitation.

AIR PATHWAY

There is no documentation of an air release from the Profile Gear Corporation or any analytical data that suggests one has occured in the past. An incinerator was located along the west wall of the subject property and was used for the disposal of trash and other debris associated with the Company. Although the incinerator was used on a regular basis, the release of hazardous constituents to the air would be considered minimal, if any, due to the nature of the work performed at the company. The possibility of an air release

from contaminated soils also exist, but would also be considered minimal due to the nature of the oils disposed.

SOIL EXPOSURE PATHWAY

The surficial soils surrounding the Profile Gear Corporation consist primarily of glacial deposits with a high clay content. The types of soils in this area are derived primarily from glacial activity and are tight in formation. The soils in this area are considered tight with a low permeability factor. This type of soil would retain contaminants from migrating downward into the subsoil and shallow aquifers.

Prior sampling events indicate the surficial soils on the west and south side of the building were contaminated with Poly Aromatic Hydrocarbons (PAH's) and metals. Although high levels of these contamintants were found, the population at risk would be considered minimal. No signs of people utilizing the property were observed. Workers were present on-site, but were inside the building conducting cosmetic changes.

Supporting Documentation

Table of Contents

Reference Number	Documentation
1	U.S.G.S. Topographic maps, 7.5 minute quadrangles. Libertyville, Waukegan, Wheeling, and Highland Park.
2	Phase I Environmental Assessment of the Profile Gear Corporation conducted by Inland Consultants, March 16, 1992.
3	Geraghty and Miller Environmental Services soil investigation of the Profile Gear Corporation, June, 1990.
4	Greg Spencer, IEPA, Site Reconnaissance Visit conversation with Jim Frycek, Project manager from Inland Consultants.
5	City of Libertyville water department, conversation with Larry Thomas, operator of plant.
6	United States Department of the Interior, National Wetlands Inventory Map, 1987.
7	Illinois State Water Survey, Well logs, Section 23, Range 12 E, Township 45 N.
8	Greg Spencer, IEPA, Photodocumentation of the Profile Gear Corporation, 12/8/93.
9	United States Census Bureau, 1990, Average persons per household figure.
10	Illinois Department of Transportation city map for Libertyville indicating municipal boundaries.

SITE LOCATION

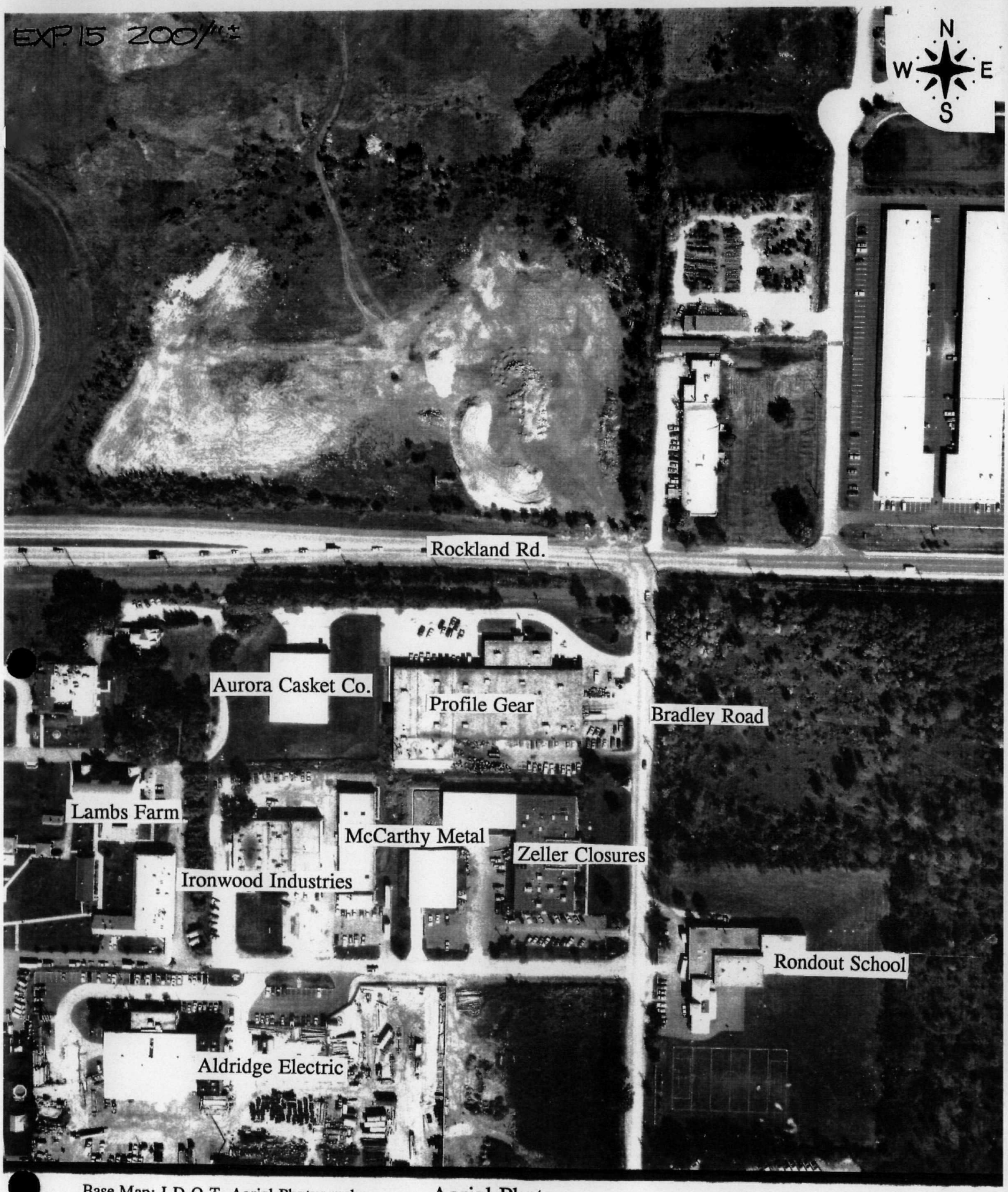
Figure 1

Base Map: I.D.O.T. Aerial Photographs

Aerial Photo
(1967)

Base Map: I.D.O.T. Aerial Photographs

Aerial Photo
(1986)



Base Map: I.D.O.T. Aerial Photographs

Aerial Photo
(1988)

OMB Approval Number: 2050-0095
Approved for Use Through: 4/95

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State:	CERCLIS Number:
Il	ILD180013476

CERCLIS Discovery Date: 8/7/92

1. General Site Information

Name:	Street Address:
Profile Gear	105 South Bradley Road

City:	State:	Zip Code:	County:	Co. Code:	Cong. Dist:
Libertyville	Il	60048	Lake	097	10

Latitude:	Longitude:	Approx. Area of Site:	Status of Site:
0 0′ 0.0"	0 0′ 0.0"	55000 sq feet	Inactive

2. Owner/Operator Information

Owner:	Operator:
---	---
Street Address:	Street Address:
---	---
City:	City:
---	---

State:	Zip Code:	Telephone:	State:	Zip Code:	Telephone:
--	--	--	--	--	--

Type of Ownership:	How Initially Identified:
Private	Citizen Complaint

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: Il	CERCLIS Number: ILD180013476
	CERCLIS Discovery Date: 8/7/92	

3. Site Evaluator Information

Name of Evaluator:	Agency/Organization:	Date Prepared:
Mr. Gregory A. Spencer	IEPA	11/13/93

Street Address:	City:	State:
2200 Churchill Rd.	Springfield	IL

Name of EPA or State Agency Contact:	Telephone:
Mr. Gregory A. Spencer	(217) 524-1662

Street Address:	City:	State:
2200 Churchill Rd.	Springfield	IL

4. Site Disposition (for EPA use only)

Emergency Response/Removal Assessment Recommendation: No	CERCLIS Recommendation: Lower Priority SI	Signature:
Date:	Date:	Name: Mr. Gregory A. Spencer Position: E.P.S. 1

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION State: Il CERCLIS Number: ILD180013476 CERCLIS Discovery Date: 8/7/92

5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site:	Site Setting:	Years of Operation:
Industrial	Suburban	Beginning Year: 1968 Ending Year: 1991

Type of Site Operations:	
Manufacturing Metal Coatings, Plating, Engraving	Waste Generated: Onsite Waste Deposition Authorized By: Former Owner Waste Accessible to the Public Yes Distance to Nearest Dwelling, School, or Workplace: 400 Feet

6. Waste Characteristics Information

Source Type	Quantity	Tier	General Types of Waste:
Contaminated soil	3.10e+00 acres	A	Metals Inorganics Oily Waste
			Physical State of Waste as Deposited Liquid

Tier Legend
C = Constituent W = Wastestream
V = Volume A = Area

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: Il	CERCLIS Number: ILD180013476
	CERCLIS Discovery Date: 8/7/92	

7. Ground Water Pathway

Is Ground Water Used for Drinking Water Within 4 Miles: No	Is There a Suspected Release to Ground Water: No	List Secondary Target Population Served by Ground Water Withdrawn From:
Type of Ground Water Wells Within 4 Miles: None	Have Primary Target Drinking Water Wells Been Identified: No	0 - 1/4 Mile 0 >1/4 - 1/2 Mile 0 >1/2 - 1 Mile 0
Depth to Shallowest Aquifer: 1000 Feet		>1 - 2 Miles 0
Karst Terrain/Aquifer Present: No	Nearest Designated Wellhead Protection Area: None within 4 Miles	>2 - 3 Miles 0 >3 - 4 Miles 0 Total 0

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: Il	CERCLIS Number: ILD180013476
	CERCLIS Discovery Date: 8/7/92	

8. Surface Water Pathway — Part 1 of 4

Type of Surface Water Draining Site and 15 Miles Downstream:	Shortest Overland Distance From Any Source to Surface Water:
Stream Pond	0 Feet 0.0 Miles
Is there a Suspected Release to Surface Water: No	Site is Located in: > 500 yr floodplain

8. Surface Water Pathway — Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No

Have Primary Target Drinking Water Intakes Been Identified: No

Secondary Target Drinking Water Intakes:
None

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: Il	CERCLIS Number: ILD180013476
	CERCLIS Discovery Date: 8/7/92	

8. Surface Water Pathway — Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
Borrow Pit	minimal stream/ <10

8. Surface Water Pathway — Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) No

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:
None

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:
None

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION
	State: Il — CERCLIS Number: ILD180013476
	CERCLIS Discovery Date: 8/7/92

9. Soil Exposure Pathway

Are People Occupying Residences or Attending School or Daycare on or Within 200 Feet of Areas of Known or Suspected Contamination: No

Number of Workers Onsite: None

Have Terrestrial Sensitive Environments Been Identified on or Within 200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

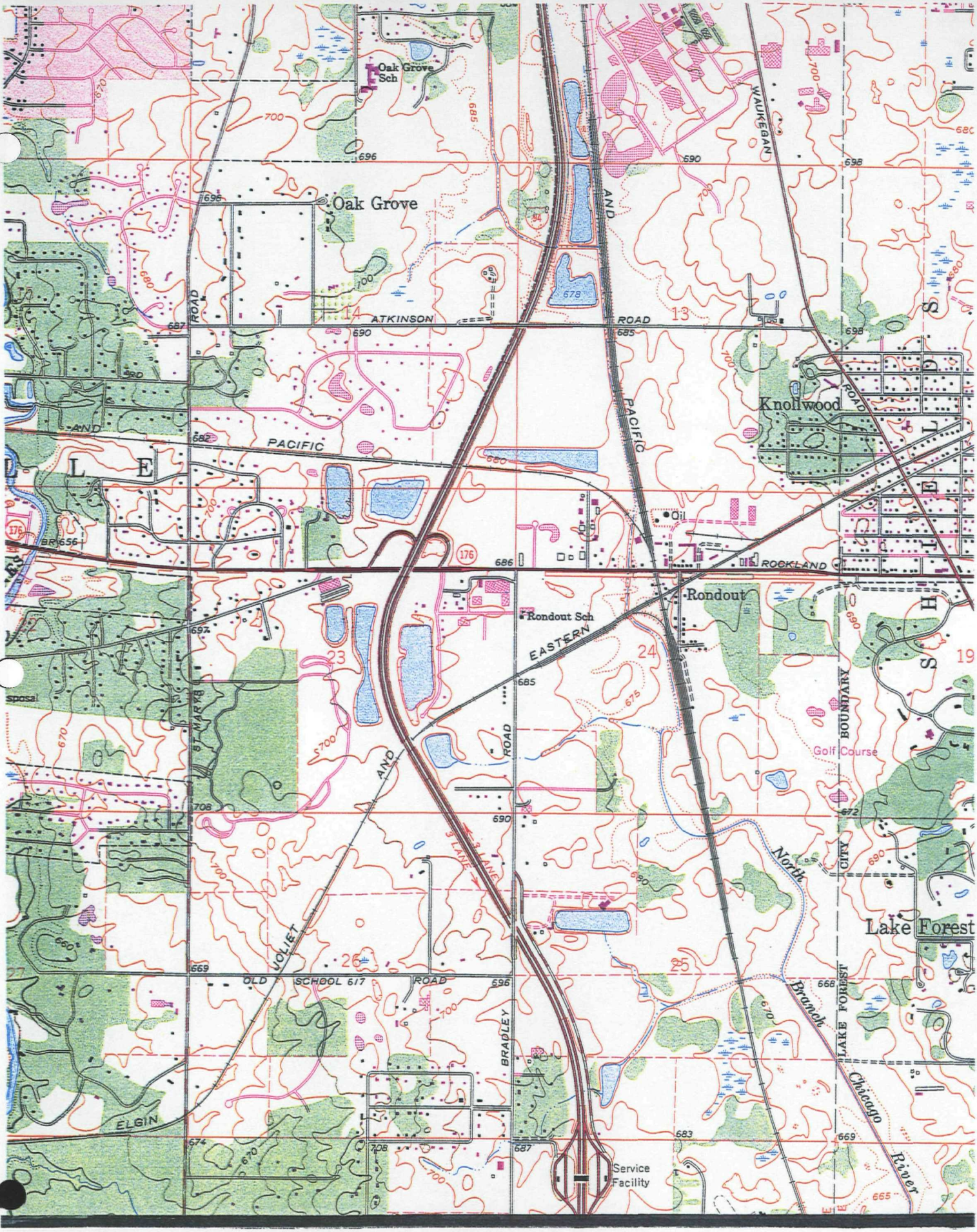
Total Population on or Within:	
Onsite	0
0 - 1/4 Mile	362
>1/4 - 1/2 Mile	4000
>1/2 - 1 Mile	10136
>1 - 2 Miles	11000
>2 - 3 Miles	12000
>3 - 4 Miles	15000
Total	52498

Is There a Suspected Release to Air: No

Wetlands Located Within 4 Miles of the Site: No

Other Sensitive Environments Located Within 4 Miles of the Site: No

Sensitive Environments Within 1/2 Mile of the Site:
None



Site Location
(figure 2)
SCALE 1:24 000

1 ½ 0 1 MILE

ILLINOIS

GROUNDWATER 4-MILE RADIUS MAP

Site Location
1/4 mile
1/2 mile
1 mile
2 miles
3 miles
4 miles
NORTH CHICAGO
GREAT LAKES NAVAL TRAINING CENTER
LIBERTYVILLE
LAKE FOREST
SHIELDS
MUNDELEIN
VERNON HILLS
Wildwood
Lake Bluff
Knollwood
Mettawa
Indian Creek
Half Day
Prairie View
Lake Charles
Butler Lake
Liberty Lake
Oak Grove
Skokie Junction
Leithton
Deerpath
Skokie Manor
Kennedy
Melody
Lake Forest Academy
Rondout
Service Facility
U S MILITARY RESERVATION
ASCENSION CEMETERY
DES PLAINES
NORTH BRANCH
CHICAGO
MILWAUKEE
ST PAUL
PACIFIC
ROCKLAND
WAUKEGAN
JOLIET
ELGIN
EASTERN
PORT CLINTON
EVERETT
WESTLEIGH
DEERPATH
WITCHWOOD
NORTHMOOR
BLODGETT
TRUESDELL
OLD MILL
LAKE FOREST
SKOKIE
WAUKEGAN
GREEN BAY
WINCHESTER
BELVIDERE
CASEY
GUERIN
BUCKLEY
ATKINSON
OAK SPRING
LINDEN
BROWN
ELM
MAPLE
LINCOLN
BUSH
BUTTERFIELD
OAKWOOD
BOUNDARY
CORPORATE
LONG GROVE
Indian Creek
Vernon Hills
Mettawa
Half Day
Prairie View
Lake Forest
Lake Bluff
Skokie Junction
Deerpath
Skokie Manor
Kennedy
Melody
Knollwood
Rondout
Wildwood
Twin Lakes
Butler Lake
Liberty Lake
Lake Charles
Oak Grove
Skokie Junction
Leithton

15-Mile Surface Water Route Map

GENERAL HIGHWAY MAP

LAKE COUNTY

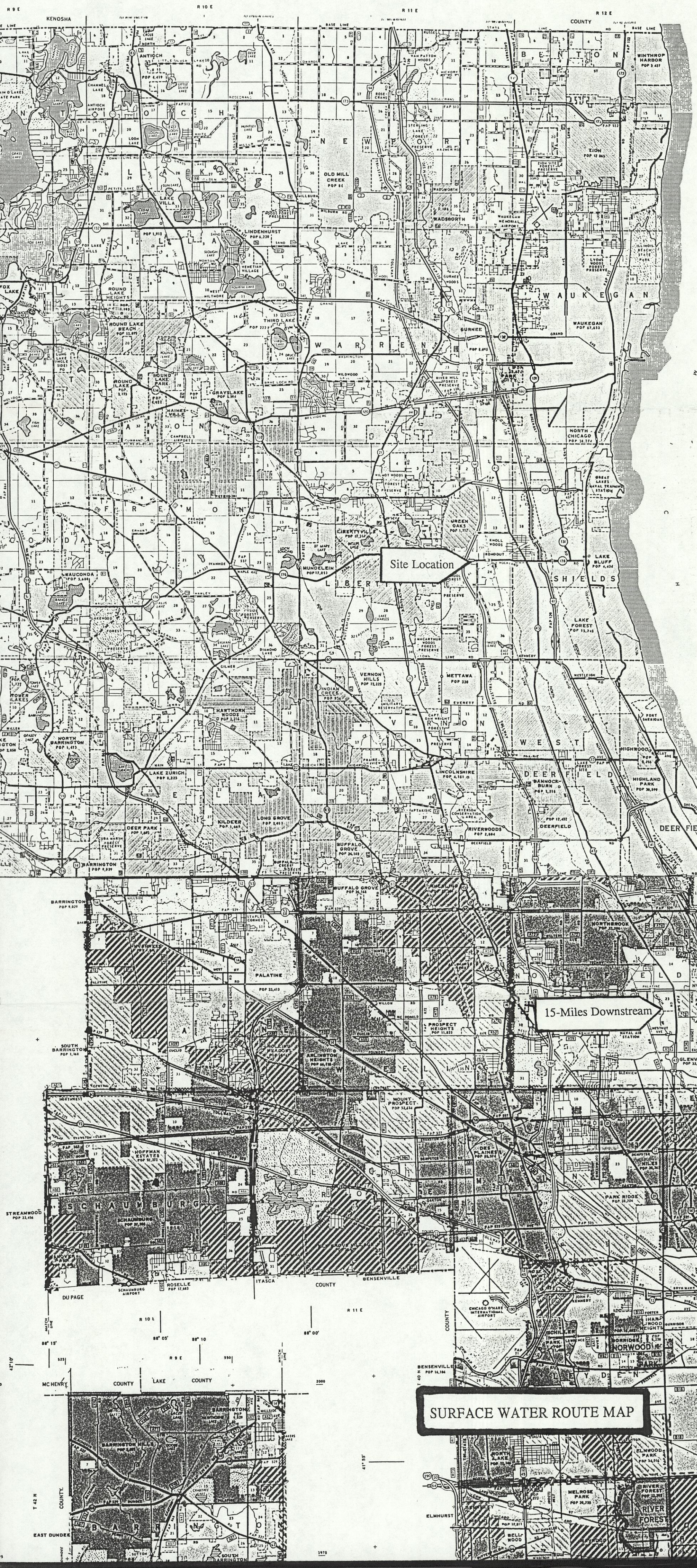
ILLINOIS

PREPARED BY THE
DEPARTMENT OF TRANSPORTATION
OFFICE OF PLANNING AND PROGRAMMING

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE

0 1 2 3 4 5 MILES
0 5000 10000 15000 20000 25000 FEET
0 1 2 3 4 5 6 7 8 KILOMETERS



LEGEND

CLASSIFICATION OF ROADS AND STREETS

MARKED ROUTE: U.S., ILL. AND INTERSTATE
HIGHWAY WITH CONTROL OF ACCESS
(CASHING INDICATES FRONTAGE ROAD)
PAVED: DIVIDED — UNDIVIDED
BITUMINOUS
GRAVEL OR STONE
SOIL SURFACE
GRADED AND DRAINED
UNIMPROVED
FEDERAL-AID PRIMARY ROUTE — FAP
FEDERAL-AID SECONDARY
COUNTY HIGHWAY

CITIES AND VILLAGES

COUNTY SEAT — OTHER
INSET OF CONGESTED AREA

STRUCTURES, NAVIGATION AND DRAINAGE

HIGHWAY BRIDGES OVER 20 FT. CLEAR SPAN
FORD OVER 20 FT. IN LENGTH
FREE FERRY — TOLL FERRY
DOCK, PIER, OR LANDING — DAM WITH LOCK
DRAINAGE DITCH OR DREDGED STREAM
CANAL — LEVEE

BOUNDARY LINES AND SCREENS

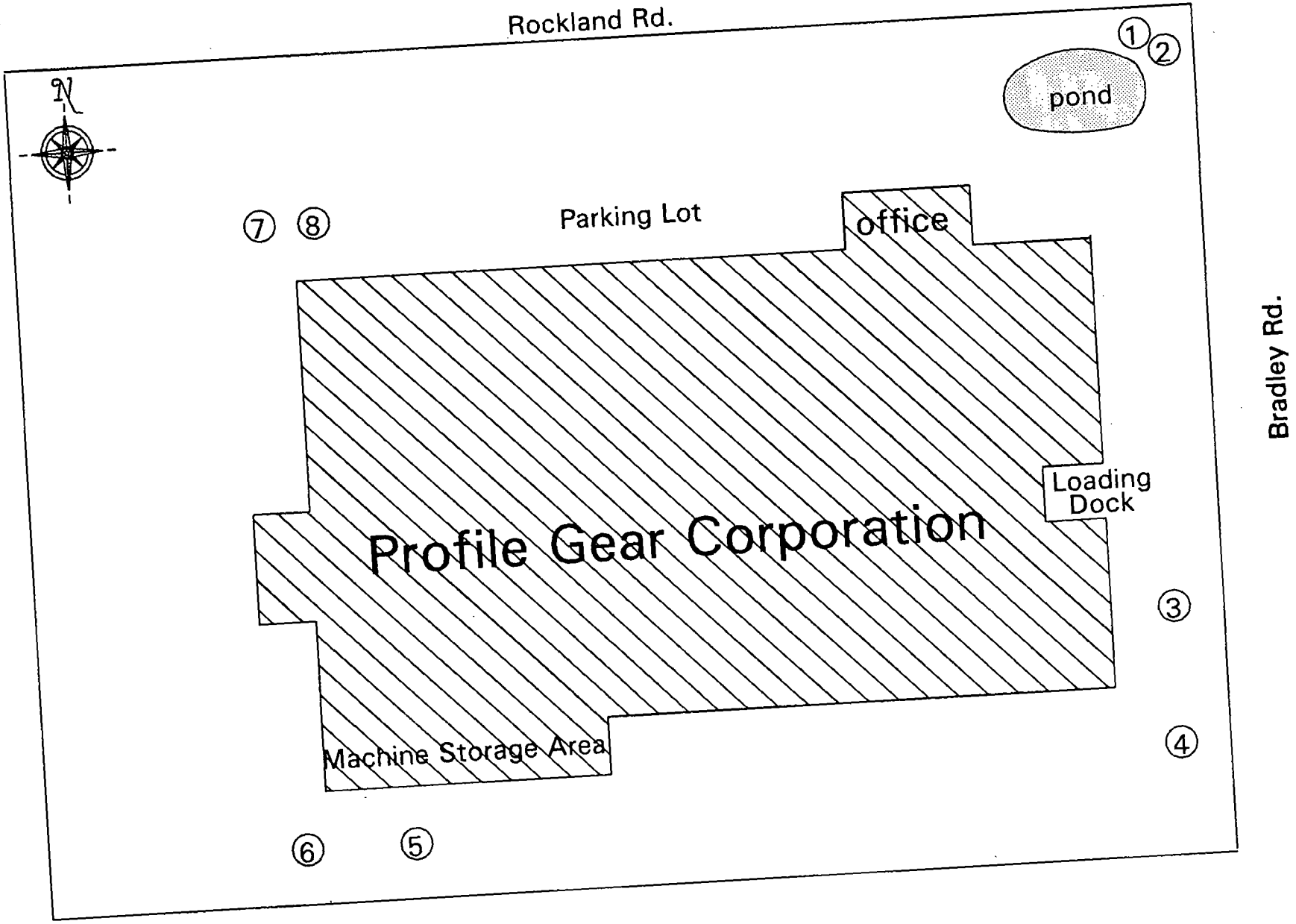
CIVIL TOWNSHIP OR ROAD DISTRICT
FOREST PRESERVE OR PARK AREA
MILITARY RESERVATION
STRIP MINE OR MINE WASTE AREA

AIRPORTS

SCHEDULED SERVICE — OTHER
MILITARY — SEAPLANE BASE

CULTURAL FEATURES

FIRE DEPARTMENT — SCHOOL — POST OFFICE
TOLL PLAZA — WEIGHT STATION



Photograph Location Map

DATE: 12/8/93

TIME: 12:35 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 1

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: W

COMMENTS: Picture taken of the office and main entrance to Profile Gear

DATE: 12/8/93

TIME: 12:40 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 2

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: SW

COMMENTS: Picture is taken of entrance to facility and small pond along Bradley Rd.

DATE: 12/8/93

TIME: 12:45 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 3

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: N

COMMENTS: Picture taken of loading dock on the east side of the facility.

DATE: 12/8/93

TIME: 12:50 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 4

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: W

COMMENTS: Picture taken of the South side of the building where a loading dock and storage pad was located.

DATE: 12/8/93

TIME: 12:55 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 5

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: N

COMMENTS: Picture shows storage pad area and south side of building which is next to Zeller Closures

DATE: 12/8/93

TIME: 1:00 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 6

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: N

COMMENTS: Picture taken of the west side of the building where the majority of contamination appeared

DATE: 12/8/93

TIME: 1:00 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 7

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: S

COMMENTS: Picture taken of west side of building where soils were excavated and bioremediated.

DATE: 12/8/93

TIME: 1:05 p.m.

PHOTOGRAPH TAKEN BY:

Greg Spencer

PHOTOGRAPH NUMBER: 8

LOCATION: L0970905008

Profile Gear

ILD 180013476

PICTURE TAKEN TOWARD: SE

COMMENTS: Picture taken of front side of the building and parking lot area.

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145661

Job No.: 91.2590

Sample Description: GM-100C
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:30

Date Received: 07/29/1991
Time Received: 14:35

Solids, Total	83.05	%

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-17-90

Sample No.: 113123

Sample Description: PG-12-1-2; West Side Profile Gear

Date Taken: 07-10-90

Date Received: 07-11-90 1030

Total Hydrocarbon (IR)	1326.	ug/g
Solids, Total	85.97	%

Results on a dry weight basis.

Lorrie Krebs
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145657

Job No.: 91.2590

Sample Description: GMSB-09
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:25

Date Received: 07/29/1991
Time Received: 14:35

Solids, Total	86.90	%

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145657

Job No.: 91.2590

Sample Description: GMSB-09
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:25

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	5.4	ug/Kg

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145657

Job No.: 91.2590

Sample Description: GMSB-09
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:25

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	6.1	ug/Kg
1,1,1-Trichloroethane	20.2	ug/Kg

Neal E. Cleghorn
Project Manager

Neal E Cleghorn

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

CHAIN OF CUSTODY

Client: GERAGHTY & MILLER	Project Name: PROFILE GEAR
Send Report to: JIM AUER	
Address: 75 E. WACKER DRIVE SUITE 1100 CHICAGO, IL	Collected by: J. AUER
Telephone #: 312/263-6703	

Collection Information								Parameters															
Sample ID	Sampling Location	Date	Time	GRAB	COMP	Sample Type	No. of Container		4oz GLASS VOC	F TEST													
GMSB-09	DITCH	07/29	12:25	✓		SOIL			✓														
GMSB-10	↓	↓	12:40	✓		↓			✓														
GMSB-11			1:00	✓					✓														
GMSB-12			1:15	✓					✓														
GM-100C	↓	↓	1:30		✓	↓				✓													

Remarks: COMPOSITE SAMPLE (#GM-100C) DO F LIST
OTHERS VOC

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	07/29	14:35			

Shipping Notes/Lab Comments

Received for NET Midwest by: D. Kalucki 7/29 14:35

Samples Field Filtered: ___ Yes ___ No
Seals Intact Upon Receipt: ___ Yes ___ No ___ N/A

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141957

Job No.: 91.1489

Sample Description: GM-01-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:20

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145660

Job No.: 91.2590

Sample Description: GMSB-12
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:15

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141957

Job No.: 91.1489

Sample Description: GM-01-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:20

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

PROFILE GEAR CORP.

P.O. Box 737 • Libertyville, Illinois 60048 • Telephone (708) 367-7260 FAX 367-6140

August 29, 1991

Mr. Dan Dutton
BFI Landvill
9th & Green Bay Road
Zion, IL 60099

RE: Waste Authorization Permit #070293

Dear Mr. Dutton:

Pursuant to your request, we have prepared this statement regarding the source of the contamination present in the remainder of the drainage ditch to be excavated at our facility. A composite sample of the remaining soil to be excavated was collected by Geraghty & Miller, Inc. due to the strong odors present during excavation and the results of the confirmatory soil sampling to ensure that the remaining soil would not violate the authorization permit. The composite sample was sent to NET Midwest, Inct. (NET) for an F solvent analysis in order to determine whether or not the remaining soil could be disposed at the landfill under the above referenced authorization permit.

The results of the F solvent test reported by NET showed concentrations above the laboratory detection limits for three constituents. A copy of the NET analytical report has been enclosed. The constituents found in the composite sample along with their respective concentrations are as follows:

1,1,1-Trichloroethane	9,950 ug/kg
Trichloroethene	5.4 ug/kg
Xylenes, Total	15.0 ug/kg

We believe that these contaminants were also contained in the waste cutting oil spill. This is the same spill that was documented in our original waste authorization permit application that was sent to BFI in January that was approved under authorization #070293.

If you have any questions regarding the source of contamination or require any additional information, please do not hesitate to contact me or Mr. James Auer of Geraghty & Miller (312) 263-6703 at your earliest convenience.

John Prann is now the President of Profile Gear Corp. and Alex Vucitech is retired and is a shareholder of Profile Gear Corp.

Yours truly,
PROFILE GEAR CORPORATION

John R. Prann, Jr.
President

JRP:ci
cc: J. Auer
P. Kirschhoffer

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141957

Job No.: 91.1489

Sample Description: GM-01-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:20

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	75.14	%
TPH (IR)	185.	ug/g

JUN 20 1991

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145659

Job No.: 91.2590

Sample Description: GMSB-11
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:00

Date Received: 07/29/1991
Time Received: 14:35

Solids, Total	79.47	%

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145659

Job No.: 91.2590

Sample Description: GMSB-11
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:00

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	339.	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	156.	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	7.4	ug/Kg
Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	10.0	ug/Kg
Toluene	37.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg

Neal E. Clegham
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145659

Job No.: 91.2590

Sample Description: GMSB-11
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:00

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	7.2	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	106.	ug/Kg

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145660

Job No.: 91.2590

Sample Description: GMSB-12
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:15

Date Received: 07/29/1991
Time Received: 14:35

Solids, Total	83.69	%

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141958

Job No.: 91.1489

Sample Description: GM-02-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:30

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	79.62	%
TPH (IR)	<5.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141959

Job No.: 91.1489

Sample Description: GM-03-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:30

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	84.35	%
TPH (IR)	36.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141958

Job No.: 91.1489

Sample Description: GM-02-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:30

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145661

Job No.: 91.2590

Sample Description: GM-100C
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:30

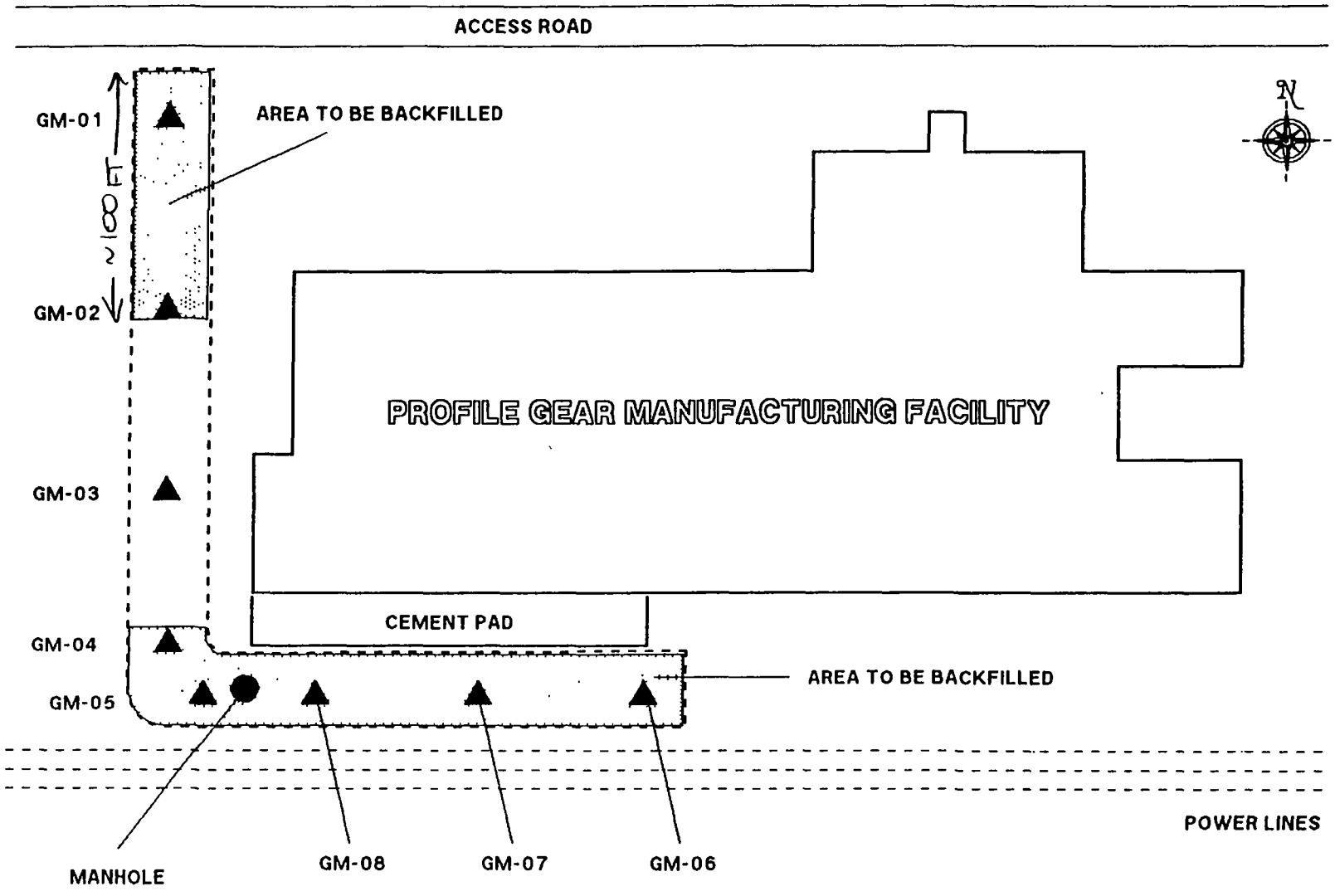
Date Received: 07/29/1991
Time Received: 14:35

F001-5 SEMIVOLATILE COMPOUNDS		
Nitrobenzene	<2.0	ug/g
Pyridine	<2.0	ug/g
Cresol	<2.0	ug/g
F001-5 ALCOHOL COMPOUNDS		
Butanol	<20.	ug/g
Isobutanol	<20.	ug/g
Methanol	<20.	ug/g

Neal E. Cleghorn
Project Manager

Table 1. Results of Confirmatory Soil Sampling

Compound	*GM-01*	*GM-02*	*GM-03*	*GM-04*	*GM-05*	*GM-06*	*GM-07*	*GM-08*
TPH (ppm)	185	< 5	36	< 5	< 5	49	14	< 5
Chloroform			14.1					
1,4-Dichlorobenzene					7.2			
1,1-Dichloroethane			98.4	6.8			9.4	40.1
1,2-Dichloroethane			125					
1,1-Dichloroethene			213					
1,2-Dichloropropane			7.2					
Ethylbenzene			10.1					
Toluene			364					
1,1,1-Trichloroethane				16.1			13.7	10.7
1,1,2-Trichloroethane			7.2					
Trichloroethene			14.0					


ACCESS ROAD
GM-01
GM-02
GM-03
GM-04
GM-05
~180 FT
AREA TO BE BACKFILLED
PROFILE GEAR MANUFACTURING FACILITY
CEMENT PAD
AREA TO BE BACKFILLED
POWER LINES
MANHOLE
GM-08
GM-07
GM-06
N

GERAGHTY & MILLER, INC.
Environmental Services

Laboratory Task Order No _____

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Number CI10601

Project Location PROFILE GEAR / LIBERTYVILLE

Laboratory NET MIDWEST

Sampler(s)/Affiliation JPA - GERAGHTY & MILLER

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	SAMPLE BOTTLE / CONTAINER DESCRIPTION: 40z GLASS JAR NO PRESERVATIVE VOC	160z GLASS JAR NO PRESERVATIVE TPH								TOTAL
GM-01	S	05/30 1220	NET	1	1								2
GM-02	S	05/30 1230	NET	1	1								2
GM-03	S	05/30 1130	NET	1	1								2
GM-06	S	05/30 1205	NET	1	1								2
GM-07	S	05/30 1155	NET	1	1								2
GM-08	S	05/30 1145	NET	1	1								2
GM-04	S	05/30 1300	NET	1	1								2
GM-05	S	05/30 1350	NET	1	1								2

Sample Code: L = Liquid; S = Solid; A = Air

Total No. of Bottles/Containers 16

Relinquished by: [signature]	Organization: GERAGHTY & MILLER	Date 05 30 91 Time 3:30	Seal Intact? Yes No N/A
Received by:	Organization:		
Relinquished by:	Organization:		Seal Intact?
Received by NET: M. [signature]	Organization: NET	Date 5/31/91 Time 10:30	Yes No N/A

Special Instructions/Remarks:
VOC AND TPH BY IR METHOD

Delivery Method: ☒ In Person ☒ Common Carrier FEDERAL EXPRESS (SPECIFY) ☐ Lab Courier ☐ Other _____ (SPECIFY)

G&M Form 09 1 90

Southprint 90-0136

GERAGHTY & MILLER, INC.
Environmental Services

Ground Water *Engineering* *Hydrocarbon* *Remediation* *Education*

October 21, 1991

VIA FACSIMILE

Mr. Ray Vintika
Beaver Oil Company, Inc.
6037 Lenzi Avenue
Hodgkins, Illinois 60525

Dear Mr. Vintika:

Pursuant to our earlier telephone conversation regarding the disposal of water from a trench at the Profile Gear facility located in Libertyville, Illinois, I have collected a representative sample of the water and submitted it for analysis by NET Midwest, Inc. As you directed in our earlier conversation, the water sample underwent the following analyses: TCLP Metals, TCLP Organics, TCLP Flashpoint, TCLP Chlorine, and PCBs.

I have enclosed a copy of the analytical results for your review. Following your review of the enclosed data, I need an estimate of the total cost for disposal (approximately 20,000 gallons) and an estimate of your availability to remove the water.

If you have any questions or require any additional information, please do not hesitate to call.

Sincerely,

GERAGHTY & MILLER, INC.

James P. Auer
Staff Engineer I

Enclosure

PROFILE\CI10601\VINTIKA.LTR

75 East Wacker Drive, Suite 1100 • Chicago, Illinois 60601 • (312) 263-6703 • FAX (312) 263-7897

GERAGHTY & MILLER, INC.
Environmental Services

TELEPHONE CONVERSATION RECORD

DATE: 09/23/91 TIME: 2:15 PROJECT: CI10601

FROM: RAY VINTAKA TO: JPA

COMPANY: BEAVER OIL COMPANY: GERAGHTY & MILLER

TELE NO: 708/354-4040 TELE NO:

RE: DISPOSAL OF RAINWATER AT PROFILE GEAR FACILITY

REQUIRES A FULL TCLP ANALYSIS OF THE WATER TO BE PERFORMED INCLUDING:

TCLP METALS RCRA
TCLP ORGANICS
TCLP FLASHPOINT
TCLP CHLORINE %
TCLP PCBs

BOD
COD
% SOLIDS
pH

QUOTED THE FOLLOWING PRICES OVER THE PHONE, WOULD NOT PUT IN WRITING UNTIL THE TCLP ANALYSES WERE COMPLETED

DISPOSAL OF "NON-HAZARDOUS" WATER = $0.20/GALLON
TRANSPORTATION = $365/LOAD
MANIFEST FEE = $15/MANIFEST

& MILLER, INC.
Environmental Services

Laboratory Task Order No

CHAIN-OF-CUSTODY RECORD

Page of

Project Number CI10601

Project Location PROFILE GEAR - LIBERTYVILLE

Laboratory NET MIDWEST

Sampler(s)/Affiliation JPA - G.M

SAMPLE IDENTITY	Code	Date/Time Sampled	Lab ID	SAMPLE BOTTLE / CONTAINER DESCRIPTION: 32oz CLEAR GLASS	32oz AMBER GLASS	40ml CLEAR GLASS VIAL							TOTAL
GM01W	L	09/27 2:30		5	1	2							8

Sample Code: L = Liquid, S = Solid, A = Air

Total No of Bottles/Containers: 8

Relinquished by [signature]	Organization GERAGHTY & MILLER	Date 09/27/91 Time 4:00PM	Seal Intact? Yes No N/A
Received by:	Organization		
Relinquished by:	Organization		Seal Intact? Yes No N/A
Received by: D. Kalicki	Organization NET, Midwest	Date 9/27/91 Time 16:00pm	

Special Instructions/Remarks:
TCLP METALS AND TCLP ORGANICS (NO HERBICIDE/PESTICIDES), TOTAL PCBs, TOTAL SOLIDS, % CHLORINE, pH, REACTIVITY (CN, S) AND IGNATABILITY

Delivery Method: ☒ In Person ☐ Common Carrier _____ SPECIFY ☐ Lab Courier ☐ Other _____ SPECIFY

BEAVER OIL CO. WASTE PROFILE FORM

GENERATOR NAME: PROFILE GEAR CORPORATION
FACILITY ADDRESS: 105 S. BRADLEY ROAD
LIBERTYVILLE, IL 60048

FACILITY CONTACT: JOHN JOHNSON
TITLE: EXECUTIVE VICE PRESIDENT
PHONE: (708) 367-7260
ILL EPA GEN. #: 0970905008
US EPA GEN. #: ILT180013476

NAME OF WASTE: ACCUMULATED RAINWATER
PROCESS GENERATING WASTE: SOIL REMOVAL

BROKER: GERAGHTY & MILLER CONTACT: JIM AUER PHONE #: 312/263-6703

B. PHYSICAL CHARACTERISTICS OF WASTE

COLOR		PHYSICAL STATE @ 70°F	FLASHPOINT	PH
CLEAR	ODOR ☒ NONE ☐ MILD ☐ STRONG DESCRIBE	☐ SOLID ☐ SEMI-SOLID ☒ LIQUID ☐ POWDER	☐ 140°F-200°F ☒ NO FLASH ☐ OPEN CUP ☐ 200°F ☐ CLOSED CUP ☐ Exact	☒ EXACT ☐ ESTIMATE

C. CHEMICAL COMPOSITION (TOTALS MUST ADD TO 100%)

WATER	100 %
	%
	%
	%
	%

D. METALS (PPM)

	TOTAL	T.C.L.P.
ARSENIC (As)		< 0.20
BARIUM (Ba)		0.918
CADMIUM (Cd)		< 0.010
CHROMIUM (Cr)		< 0.040
MERCURY (Hg)		< 0.0002
LEAD (Pb)		0.213
SELENIUM (Se)		< 0.10
SILVER (Ag)		< 0.050
COPPER (Cu)		NA
NICKEL (Ni)		NA
ZINC (Zn)		NA
IRON (Fe)		NA

G. OTHER COMPONENTS - TOTAL (PPM)

CYANIDES 0.25 PCB'S 0.001
SULFIDES 0.25 CHLORINE 0.1%

J. SHIPPING INFORMATION

METHOD OF SHIPMENT: ☒ BULK LIQUID ☐ DRUM (TYPE/SIZE)
ANTICIPATED VOLUME: 20,000 GALS. ____ DRUMS
PER: ONE TIME ☒ WEEK ☐ MONTH ☐ QUARTER ☐ YEAR ☐

EPA CLASSIFICATION

☒ NON-HAZARDOUS
☐ HAZARDOUS

K. ADDITIONAL INFORMATION

WASTE STREAM IS BELIEVED TO BE RAINWATER WHICH HAS ACCUMULATED IN AN EXCAVATED TRENCH WHERE A CONTAMINATED SOIL REMOVAL WAS CONDUCTED

ATTACH MATERIAL SAFETY DATA SHEETS OF THE VIRGIN PRODUCTS THAT WOULD BE EXPECTED TO BE PRESENT IN THIS WASTE STREAM

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND ABILITY ALL INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHED HERE TOO IS COMPLETE AND ACCURATE AND THAT THE MATERIAL HEREIN DESCRIBED IS NOT A HAZARDOUS WASTE AS DEFINED BY 40CFR 261.

AUTHORIZED SIGNATURE: [signature] FOR PROFILE GEAR TITLE: CONTROLLER DATE: 10/31/91

GENERATOR DO NOT WRITE BELOW

APPROVED BY:

LAB ____ PERMIT # ____ D.O.T CLASS ____

H&W # ____ D.O.T.# ____

BEAVER OIL COMPANY INC.

WASTE ANALYSIS CERTIFICATION FORM

GENERATOR NAME: PROFILE GEAR CORP. CONTACT NAME: JOHN JOHNSON

ADDRESS: 105 S. BRADLEY ROAD PHONE NO.: 708/367-7260

CITY/STATE/ZIP: LIBERTYVILLE, IL 60048

WASTE NAME: ACCUMULATED RAINWATER PERMIT NO.:

THE FOLLOWING TABLE MUST BE FILLED OUT BY ALL GENERATORS SEEKING A NON-HAZARDOUS CLASSIFICATION OF THEIR WASTE.

TOXICITY CHARACTERISTIC REGULATORY LEVELS

EPA HW #	CONTAMINATES	REGULATORY LEVEL mg/l	ANALYSIS *1	METHOD DETERMINATION G*2	A*3
	*METALS				
D004	Arsenic	5.0	<5.0		X
D005	Barium	100.0	<100.0		X
D006	Cadmium	1.0	<1.0		X
D007	Chromium	5.0	<5.0		X
D008	Lead	5.0	<5.0		X
D009	Mercury	0.2	<0.2		X
D010	Selenium	1.0	<1.0		X
D011	Silver	5.0	<5.0		X
	*ORGANICS				→ LEVEL A
D018	Benzene	0.5	<0.5		X
D019	Carbon Tetrachloride	0.5	<0.5		X
D021	Chlorobenzene	100.0	<100.0		X
D022	Chloroform	6.0	<6.0		X
D023	o-Cresol	200.0	<200.0		X
D024	m-Cresol	200.0	<200.0		X
D025	p-Cresol	200.0	<200.0		X
D026	Cresol	200.0	<200.0		X
D027	1,4-Dichlorobenzene	7.5	<7.5		X
D028	1,2-Dichloroethane	0.5	<0.5		X
D029	1,1-Dichloroethylene	0.7	<0.7		X
D030	2,4-Dinitrotoluene	0.13	<0.13	X	
D032	Hexachlorobenzene	0.13	<0.13	X	
D033	Hexachloro-1,3-butadiene	0.2	<0.2	X	
D034	Hexachloroethane	3.0	<3.0	X	
D035	Methyl ethyl ketone	200.0	<200.0		X
D036	Nitrobenzene	2.0	<2.0	X	
D037	Pentachlorophenol	100.0	<100.0		X
D038	Pyridine	5.0	<5.0	X	
D039	Tetrachloroethylene	0.7	<0.7		X
D040	Trichloroethylene	0.5	<0.5		X
D041	2,4,5-Trichlorophenol	400.0	<400.0		X
D042	2,4,6-Trichlorophenol	2.0	<2.0		X
D043	Vinyl chloride	0.2	<0.2		X
	* HERBICIDES/PESTICIDES				→ LEVEL B
D020	Chlordane	0.03	<0.03	X	
D016	2,4-D	10.0	<10.0	X	
D012	Endrin	0.02	<0.02	X	
D031	Heptachlor(& its Hydroxide)	0.008	<0.008	X	
D013	Lindane	0.04	<0.04	X	
D014	Methoxychlor	10.0	<10.0	X	
D015	Toxaphene	0.5	<0.5	X	
D017	2,5,5-TP(Silvex)	1.0	<1.0	X	→ LEVEL C

*1 This Column indicates the Contaminate Level of the corresponding item is below limits set by USEPA that would cause your waste to be classified as Hazardous.

*2 COLUMN G - Determination made by GENERATOR INVESTIGATION
*3 COLUMN A - Determination made by ACTUAL ANALYSIS

GENERATOR CERTIFICATION

I HEREBY CERTIFY THE ABOVE TABLE, WHICH I HAVE FILLED OUT, DESCRIBES THE WASTE STREAM THAT IS BEING OR AM PROPOSING TO SEND TO BEAVER OIL COMPANY'S HODGKINS FACILITY. I UNDERSTAND IT IS MY RESPONSIBILITY TO PROPERLY IDENTIFY AND CLASSIFY MY MATERIAL IN ACCORDANCE WITH STATE AND/OR FEDERAL REGULATIONS. I ALSO CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

Generator Signature [signature] Date 10/31/91 Title CONTROLLER

FOR PROFILE GEAR

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

OCT 1 1991

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

10/16/1991

Sample No.: 149648

Job No.: 91.3694

Sample Description: GM01W L
CI10601; Profile Gear

Date Taken: 09/27/1991
Time Taken: 14:30
IEPA Cert. No. 100221

Date Received: 09/27/1991
Time Received: 16:00
WDNR Cert. No. 999447130

BTU	<500.	/lb
Chlorine, total	<0.1	%
Cyanide, Reactive	<0.25	mg/kg
Flashpoint	No Flash @ 212	Degree F
Solids, Total	0.12	%
Sulfide, Reactive	<0.25	mg/kg
Corrosivity, pH	7.7	units
TCLP-Arsenic, ICP	<0.20	mg/L
TCLP-Barium, ICP	0.918	mg/L
TCLP-Cadmium, ICP	<0.010	mg/L
TCLP-Chromium,ICP	<0.040	mg/L
TCLP-Lead, ICP	0.213	mg/L
TCLP-Mercury, CVAA	<0.0002	mg/L
TCLP-Selenium, ICP	<0.10	mg/L
TCLP-Silver,ICP	<0.050	mg/L

Kelly Jones

Kelly Jones
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

10/16/1991

Sample No.: 149648

Job No.: 91.3694

Sample Description: GM01W L
CI10601; Profile Gear

Date Taken: 09/27/1991
Time Taken: 14:30
IEPA Cert. No. 100221

Date Received: 09/27/1991
Time Received: 16:00
WDNR Cert. No. 999447130

PCB'S - 8080 AQUEOUS

PCB-1016	<1.0	ug/L
PCB-1221	<1.0	ug/L
PCB-1232	<1.0	ug/L
PCB-1242	<1.0	ug/L
PCB-1248	<1.0	ug/L
PCB-1254	<1.0	ug/L
PCB-1260	<1.0	ug/L

Kelly Jones

Kelly Jones
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

10/16/1991

Sample No.: 149648

Job No.: 91.3694

Sample Description: GM01W L
CT10601; Profile Gear

Date Taken: 09/27/1991
Time Taken: 14:30
IEPA Cert. No. 100221

Date Received: 09/27/1991
Time Received: 16:00
WDNR Cert. No. 999447130

TCLP-ACID COMPOUNDS - 8270

TCLP-Cresols, Total	<0.10	mg/L
TCLP-3-Methylphenol (m-cresol	<0.10	mg/L
TCLP-2-Methylphenol (o-Cresol	<0.10	mg/L
TCLP-4-Methylphenol (p-Cresol	<0.10	mg/L
TCLP-Pentachlorophenol	<0.50	mg/L
TCLP-2,4,5-Trichlorophenol	<0.50	mg/L
TCLP-2,4,6-Trichlorophenol	<0.10	mg/L

Kelly Jones

Kelly Jones
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141962

Job No.: 91.1489

Sample Description: GM-08-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:45

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	84.42	%
TPH (IR)	<5.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

10/16/1991

Sample No.: 149648

Job No.: 91.3694

Sample Description: GM01W L
CI10601; Profile Gear

Date Taken: 09/27/1991
Time Taken: 14:30
IEPA Cert. No. 100221

Date Received: 09/27/1991
Time Received: 16:00
WDNR Cert. No. 999447130

TCLP-VOLATILES-8240

TCLP-Benzene	<0.02	mg/L
TCLP-Carbon Tetrachloride	<0.02	mg/L
TCLP-Chlorobenzene	<0.02	mg/L
TCLP-Chloroform	<0.02	mg/L
TCLP-1,4-Dichlorobenzene	<0.02	mg/L
TCLP-1,2-Dichloroethane	<0.02	mg/L
TCLP-1,1-Dichloroethene	<0.02	mg/L
TCLP-Methyl Ethyl Ketone	<0.20	mg/L
TCLP-Tetrachloroethene	<0.02	mg/L
TCLP-Trichloroethene	<0.02	mg/L
TCLP-Vinyl Chloride	<0.16	mg/L

Kelly Jones

Kelly Jones
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141962

Job No.: 91.1489

Sample Description: GM-08-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:45

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	40.1	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141962

Job No.: 91.1489

Sample Description: GM-08-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:45

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	10.7	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145658

Job No.: 91.2590

Sample Description: GMSB-10
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:40

Date Received: 07/29/1991
Time Received: 14:35

Solids, Total	81.25	%

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145658

Job No.: 91.2590

Sample Description: GMSB-10
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:40

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	575.	ug/Kg
1,2-Dichloroethane	34.2	ug/Kg
1,1-Dichloroethene	436.	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	8.2	ug/Kg
Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	61.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145658

Job No.: 91.2590

Sample Description: GMSB-10
Profile Gear

Date Taken: 07/29/1991
Time Taken: 12:40

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	7.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	31.3	ug/Kg

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145660

Job No.: 91.2590

Sample Description: GMSB-12
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:15

Date Received: 07/29/1991
Time Received: 14:35

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	37.6	ug/Kg

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

08/15/1991

Sample No.: 145661

Job No.: 91.2590

Sample Description: GM-100C
Profile Gear

Date Taken: 07/29/1991
Time Taken: 13:30

Date Received: 07/29/1991
Time Received: 14:35

F001-5 VOLATILE COMPOUNDS

Acetone	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Carbon disulfide	<5.0	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<50.	ug/Kg
Cyclohexanone	<50.	ug/Kg
1,2-Dichlorobenzene	<10.	ug/Kg
Dichlorodifluoromethane	<10.	ug/Kg
2-Ethoxyethanol	<50.	ug/Kg
Ethyl acetate	<50.	ug/Kg
Ethyl ether	<50.	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Freon - TF	<5.0	ug/Kg
Methylene chloride	<25.0	ug/Kg
Methyl ethyl ketone	<50.	ug/Kg
Methyl isobutyl ketone	<50.	ug/Kg
2-Nitropropane	<50.	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<39.0	ug/Kg
1,1,1-Trichloroethane	9950.	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	5.4	ug/Kg
Trichlorotrifluoroethane	<5.0	ug/Kg
Xylenes, Total	15.0	ug/Kg

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111458

Sample Description: PG31315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	69.0	ug/g
Solids, Total	85.62	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141959

Job No.: 91.1489

Sample Description: GM-03-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:30

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	14.1	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	98.4	ug/Kg
1,2-Dichloroethane	125.	ug/Kg
1,1-Dichloroethene	213.	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	7.2	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	10.1	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141958

Job No.: 91.1489

Sample Description: GM-02-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 12:30

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141959

Job No.: 91.1489

Sample Description: GM-03-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:30

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	364.	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	7.2	ug/Kg
Trichloroethene	14.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	48.7	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141963

Job No.: 91.1489

Sample Description: GM-04-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 15:00

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	85.18	%
TPH (IR)	<5.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141963

Job No.: 91.1489

Sample Description: GM-04-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 15:00

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	6.8	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141963

Job No.: 91.1489

Sample Description: GM-04-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 15:00

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	6.8	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141963

Job No.: 91.1489

Sample Description: GM-04-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 15:00

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	16.1	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141964

Job No.: 91.1489

Sample Description: GM-05-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:50

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	78.11	%
TPH (IR)	<5.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141964

Job No.: 91.1489

Sample Description: GM-05-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:50

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	7.2	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141964

Job No.: 91.1489

Sample Description: GM-05-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:50

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141960

Job No.: 91.1489

Sample Description: GM-06-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:05

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	83.84	%
TPH (IR)	49.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141960

Job No.: 91.1489

Sample Description: GM-06-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:05

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141960

Job No.: 91.1489

Sample Description: GM-06-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 14:05

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc.
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141961

Job No.: 91.1489

Sample Description: GM-07-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:55

Date Received: 05/31/1991
Time Received: 10:30

Solids, Total	78.06	%
TPH (IR)	14.	ug/g

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141961

Job No.: 91.1489

Sample Description: GM-07-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:55

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	9.4	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg
Methylene chloride	<25.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NET NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. Jim Aurer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago, IL 60601

06/17/1991

Sample No.: 141961

Job No.: 91.1489

Sample Description: GM-07-S
Profile Gear; CI10601

Date Taken: 05/30/1991
Time Taken: 13:55

Date Received: 05/31/1991
Time Received: 10:30

VOLATILES - 8240 NONAQUEOUS

1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	13.7	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111458

Sample Description: PG31315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111459

Sample Description: PG424
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	69.0	ug/g
Solids, Total	80.18	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111459

Sample Description: PG424
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111460

Sample Description: PG41315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	69.0	ug/g
Solids, Total	83.81	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111460

Sample Description: PG41315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E Cleghorn

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111460

Sample Description: PG41315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111461

Sample Description: PG5
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	140.0	ug/g
Solids, Total	82.99	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111461

Sample Description: PG5
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111461

Sample Description: PG5
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	16.8	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111462

Sample Description: PG612
Profile Gear

Date Taken: 06-12-90

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	1100.0	ug/g
Solids, Total	75.85	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111462

Sample Description: PG612
Profile Gear

Date Taken: 06-12-90

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<3000.	ug/Kg
Acrylonitrile	<3000.	ug/Kg
Benzene	<300.	ug/Kg
Bromodichloromethane	<300.	ug/Kg
Bromoform	<300.	ug/Kg
Bromomethane	<3000.	ug/Kg
Carbon tetrachloride	<300.	ug/Kg
Chlorobenzene	<300.	ug/Kg
Chloroethane	<3000.	ug/Kg
2-Chloroethylvinyl ether	<300.	ug/Kg
Chloroform	<300.	ug/Kg
Chloromethane	<3000.	ug/Kg
Dibromochloromethane	<300.	ug/Kg
1,2-Dichlorobenzene	<300.	ug/Kg
1,3-Dichlorobenzene	<300.	ug/Kg
1,4-Dichlorobenzene	<300.	ug/Kg
1,1-Dichloroethane	<300.	ug/Kg
1,2-Dichloroethane	<300.	ug/Kg
1,1-Dichloroethene	<300.	ug/Kg
cis-1,2-Dichloroethene	<300.	ug/Kg
trans-1,2-Dichloroethene	<300.	ug/Kg
1,2-Dichloropropane	<300.	ug/Kg
cis-1,3-Dichloropropene	<300.	ug/Kg
trans-1,3-Dichloropropene	<300.	ug/Kg
Ethyl benzene	<300.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111462

Sample Description: PG612
Profile Gear

Date Taken: 06-12-90

Date Received: 06-12-90 1615

Methylene chloride	<1500.	ug/Kg
1,1,2,2-Tetrachloroethane	<300.	ug/Kg
Tetrachloroethene	<300.	ug/Kg
Toluene	<300.	ug/Kg
1,1,1-Trichloroethane	<300.	ug/Kg
1,1,2-Trichloroethane	<300.	ug/Kg
Trichloroethene	<300.	ug/Kg
Trichlorofluoromethane	<300.	ug/Kg
Vinyl chloride	<3000.	ug/Kg
Xylenes, Total	<300.	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111453

Sample Description: PG113
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	670.0	ug/g
Solids, Total	85.96	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111453

Sample Description: PG113
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111453

Sample Description: PG113
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E Cleghorn

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111454

Sample Description: PG11315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	120.0	ug/g
Solids, Total	84.15	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel: (708) 289-3100
Fax: (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111454

Sample Description: PG11315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111454

Sample Description: PG11315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E Cleghorn

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111455

Sample Description: PG213
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	93.0	ug/g
Solids, Total	80.01	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111455

Sample Description: PG213
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	23.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111455

Sample Description: PG213
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	438.	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111459

Sample Description: PG424
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel. (708) 289-3100
Fax. (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111456

Sample Description: PG21315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	45.0	ug/g
Solids, Total	83.01	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett IL 60103

Tel. (708) 289-3100
Fax· (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111456

Sample Description: PG21315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	<5.0	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	<5.0	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E Cleghorn

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111456

Sample Description: PG21315
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	<5.0	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Clegnorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111457

Sample Description: PG324
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Total Hydrocarbon (IR)	69.0	ug/g
Solids, Total	85.25	%

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111457

Sample Description: PG324
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

VOLATILE COMPOUNDS

Acrolein	<50.	ug/Kg
Acrylonitrile	<50.	ug/Kg
Benzene	<5.0	ug/Kg
Bromodichloromethane	<5.0	ug/Kg
Bromoform	<5.0	ug/Kg
Bromomethane	<50.	ug/Kg
Carbon tetrachloride	<5.0	ug/Kg
Chlorobenzene	<5.0	ug/Kg
Chloroethane	<50.	ug/Kg
2-Chloroethylvinyl ether	<5.0	ug/Kg
Chloroform	<5.0	ug/Kg
Chloromethane	<50.	ug/Kg
Dibromochloromethane	<5.0	ug/Kg
1,2-Dichlorobenzene	<5.0	ug/Kg
1,3-Dichlorobenzene	<5.0	ug/Kg
1,4-Dichlorobenzene	<5.0	ug/Kg
1,1-Dichloroethane	147.	ug/Kg
1,2-Dichloroethane	<5.0	ug/Kg
1,1-Dichloroethene	<5.0	ug/Kg
cis-1,2-Dichloroethene	89.2	ug/Kg
trans-1,2-Dichloroethene	<5.0	ug/Kg
1,2-Dichloropropane	<5.0	ug/Kg
cis-1,3-Dichloropropene	<5.0	ug/Kg
trans-1,3-Dichloropropene	<5.0	ug/Kg
Ethyl benzene	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Midwest, Inc
Bartlett Division
850 West Bartlett Road
Bartlett, IL 60103

Tel (708) 289-3100
Fax (708) 289-5445

ANALYTICAL REPORT

Mr. James Auer
GERAGHTY & MILLER
75 East Wacker Drive
Suite 1100
Chicago IL 60601

07-03-90

Sample No.: 111457

Sample Description: PG324
Profile Gear

Date Taken: Unknown

Date Received: 06-12-90 1615

Methylene chloride	<25.	ug/Kg
1,1,2,2-Tetrachloroethane	<5.0	ug/Kg
Tetrachloroethene	<5.0	ug/Kg
Toluene	<5.0	ug/Kg
1,1,1-Trichloroethane	23.7	ug/Kg
1,1,2-Trichloroethane	<5.0	ug/Kg
Trichloroethene	<5.0	ug/Kg
Trichlorofluoromethane	<5.0	ug/Kg
Vinyl chloride	<50.	ug/Kg
Xylenes, Total	<5.0	ug/Kg

Results on a dry weight basis.

Neal E. Cleghorn
Project Manager

TEST RESULTS BY SAMPLE

Sample: 01A CUTTING OIL & DIRT Collected: 10/30/90

Test Description	Result	Limit	Units	Analyzed	By
Cyanide, Reactive	< 10		ppm	11/07/90	NRL
Cyanide, Total	< 10		ppm	11/07/90	NRL
Flash Point, Closed Cup	> 210	140	degrees F	11/07/90	NRL
Free Liquids	0		%	11/07/90	NRL
Phenol	5.8		ppm	11/14/90	DAT
Specific Gravity	1.43		-	11/05/90	NRL
Sulfide, Reactive	< 2		ppm	11/13/90	NRL
Sulfide, Total	22		mg/l	11/14/90	NRL
Total Organic Halogens	220		mg/l	11/07/90	NRL
pH	7.9		units	11/07/90	NRL

Sample: 01B CUTTING OIL & DIRT Collected: 10/30/90
Job: TCLPIB TCLP Inorganic (BFI)

Test Description	Result	Limit	Units	Analyzed	By
TCLP (Arsenic)	< 0.010	5.0	mg/l	11/14/90	LJW
TCLP (Barium)	1.2	100.0	mg/l	11/14/90	LJW
TCLP (Cadmium)	< 0.015	1.0	mg/l	11/14/90	LJW
TCLP (Chromium)	0.07	5.0	mg/l	11/14/90	LJW
TCLP (Lead)	< 0.5	5.0	mg/l	11/14/90	LJW
TCLP (Mercury)	< 0.001	0.2	mg/l	11/06/90	DAT
TCLP (Selenium)	< 0.010	1.0	mg/l	11/14/90	LJW
TCLP (Silver)	< 0.005	5.0	mg/l	11/14/90	LJW
TCLP Inorganic Extraction	--		-	11/06/90	LJW

Sample: 01C CUTTING OIL & DIRT Collected: 10/30/90
Job: TCLP_O TCLP Organic

Test Description	Result	Limit	Units	Analyzed	By
8240 TCLP					
Benzene	< 5.0	500	ppb	11/17/90	SRS
Methyl Ethyl Ketone	< 10.0	200000	ppb	11/17/90	SRS
Carbon tetrachloride	< 5.0	500	ppb	11/17/90	SRS
Chlorobenzene	< 5.0	100000	ppb	11/17/90	SRS
Chloroform	< 5.0	6000	ppb	11/17/90	SRS
1,2-Dichloroethane	< 5.0	500	ppb	11/17/90	SRS
1,4-Dichlorbenzene	< 10.0	7500	ppb	11/17/90	SRS
1,1-Dichloroethene	< 5.0	700	ppb	11/17/90	SRS
Tetrachloroethene	12	700	ppb	11/17/90	SRS
Trichloroethene	< 5.0	500	ppb	11/17/90	SRS

st Description	Result	Limit	Units	Analyzed	By
Pyridine	< 500	5000	ppb	11/17/90	SRS
Vinyl Chloride	< 10.0	200	ppb	11/17/90	SRS
8270 TCLP					
2,4-Dinitrotoluene	< 10	130	ppb	11/28/90	SRS
Hexachlorobenzene	< 10	130	ppb	11/28/90	SRS
Hexachloro-1,3-butadiene	< 10	500	ppb	11/28/90	SRS
Hexachloroethane	< 10	3000	ppb	11/28/90	SRS
Cresol (Total)	< 10	200000	ppb	11/28/90	SRS
Nitrobenzene	< 10	2000	ppb	11/28/90	SRS
Pentachlorophenol	< 50	100000	ppb	11/28/90	SRS
2,4,5-Trichlorophenol	< 10	400000	ppb	11/28/90	SRS
2,4,6-Trichlorophenol	< 10	2000	ppb	11/28/90	SRS
TCLP ZHE VOC Extraction	-		-	11/28/90	SRS

Sample: 01D CUTTING OIL & DIRT Collected: 10/30/90

Test Description	Result	Limit	Units	Analyzed	By
Protocol A, High Chlorine					
Carbon Tetrachloride	<5.0		ppb	11/10/90	SRS
Chloroform	<5.0		ppb	11/10/90	SRS
Dichlorodiflouromethane	<5.0		ppb	11/10/90	SRS
1,3-Dichlorobenzene	<10.0		ppb	11/10/90	SRS
1,1-Dichloroethane	<5.0		ppb	11/10/90	SRS
1,2-Dichloroethane	<5.0		ppb	11/10/90	SRS
Methylene Chloride	290		ppb	11/10/90	SRS
Tetrachloroethene	<5.0		ppb	11/10/90	SRS
1,1,1-Trichloroethane	<5.0		ppb	11/10/90	SRS
Trichlorofluoromethane	<5.0		ppb	11/10/90	SRS
1,1,2 Trifluoroethane	<5.0		ppb	11/10/90	SRS
Trichloroethene	<5.0		ppb	11/10/90	SRS

Sample: 01E CUTTING OIL & DIRT Collected: 10/30/90

Test Description		Result	Limit	Units	Analyzed	By
PCB, Soil						
Aroclor-1016	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1221	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1232	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1242	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1248	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1254	#	< 2.5		ppm	11/19/90	SRS
Aroclor-1260	#	< 2.5		ppm	11/19/90	SRS

Sample: 01F CUTTING OIL & DIRT Collected: 10/30/90

Test Description		Result	Limit	Units	Analyzed	By
"F-Code" Solvent Scan F001						
Tetrachlorethylene	*	< 0.05	10	ppm	12/11/90	SWI
Trichloroethylene		< 0.05	10	ppm	12/11/90	SWI
x Methylene Chloride		0.10	10	ppm	12/11/90	SWI
1,1,1 Trichloroethane		< 0.05	10	ppm	12/11/90	SWI
Carbon Tetrachloride		< 0.05	10	ppm	12/11/90	SWI
"F-Code" Solvent Scan F002						
Chlorobenzene	*	< 0.05	10	ppm	12/11/90	SWI
Methylene Chloride		0.10	10	ppm	12/11/90	SWI
Ortho-Dichlorobenzene		< 0.05	10	ppm	12/11/90	SWI
Tetrachloroethylene		< 0.05	10	ppm	12/11/90	SWI
Trichloroethylene		< 0.05	10	ppm	12/11/90	SWI
1,1,1-Trichloroethane		< 0.05	10	ppm	12/11/90	SWI
1,1,2-Trichloro-1,2,2-Trichfl		< 0.25	10	ppm	12/11/90	SWI
Trichlorofluoromethane		< 0.05	10	ppm	12/11/90	SWI
1,1,2-Trichloroethane		N/T	10	ppm	12/11/90	SWI
"F-Code" Solvent Scan F003						
Xylenes	*	< 0.05	10	ppm	12/11/90	SWI
Acetone		< 0.25	10	ppm	12/11/90	SWI
Ethyl Acetate		< 0.25	10	ppm	12/11/90	SWI
Ethyl Benzene		< 0.05	10	ppm	12/11/90	SWI
Ethyl Ether		< 0.25	10	ppm	12/11/90	SWI
Methyl Iabutyl Ketone		< 0.25	10	ppm	12/11/90	SWI
n-Butyl Alcohol		< 0.25	10	ppm	12/11/90	SWI
Cyclohexanone		< 0.25	10	ppm	12/11/90	SWI
Methanol		< 2.5	10	ppm	12/11/90	SWI
"F-Code" Solvent Scan F004						
Cresols or Cresylic Acid		N/T	10	ppm	12/11/90	SWI
Nitrobenzene	*	< 5	10	ppm	12/11/90	SWI
"F-Code" Solvent Scan F005						
Toluene	*	< 0.05	10	ppm	12/11/90	SWI
Methyl Ethyl Ketone		< 0.25	10	ppm	12/11/90	SWI
Carbon Disulfide		< 0.25	10	ppm	12/11/90	SWI
Isobutanol		< 0.25	10	ppm	12/11/90	SWI
Pyridine		< 10	10	ppm	12/11/90	SWI
2-Ethoxyethanol		< 0.25	10	ppm	12/11/90	SWI
Benzene		< 0.05	10	ppm	12/11/90	SWI
2-Nitropropane		< 0.25	10	ppm	12/11/90	SWI

Sample: 02A CUTTING OIL & DIRT + SPIKE Collected: 10/30/90
Job: TCLPIB TCLP Inorganic (BFI)

Test Description	Result	Limit	Units	Analyzed	By
TCLP (Arsenic)	80	5.0	% Recovery	11/14/90	LJW

Test Description	Result	Limit	Units	Analyzed	By
TCLP (Barium)	103	100.0	% Recovery	11/14/90	LJW
TCLP (Cadmium)	103	1.0	% Recovery	11/14/90	LJW
TCLP (Chromium)	103	5.0	% Recovery	11/14/90	LJW
TCLP (Lead)	106	5.0	% Recovery	11/14/90	LJW
TCLP (Mercury)	116	0.2	% Recovery	11/06/90	DAT
TCLP (Selenium)	77	1.0	% Recovery	11/14/90	LJW
TCLP (Silver)	93	5.0	% Recovery	11/14/90	LJW
TCLP Inorganic Extraction	-		-	11/06/90	LJW

Sample: 028 CUTTING OIL & DIRT + SPIKE Collected: 10/30/90
Job: TCLP_O TCLP Organic

Test Description	Result	Limit	Units	Analyzed	By
8240 TCLP					
Benzene	102	-	% Recovery	11/17/90	SRS
Methyl Ethyl Ketone	-	-	% Recovery	11/17/90	SRS
Carbon tetrachloride		-	% Recovery	11/17/90	SRS
Chlorobenzene	92	-	% Recovery	11/17/90	SRS
Chloroform	-	-	% Recovery	11/17/90	SRS
1,2-Dichloroethane	-	-	% Recovery	11/17/90	SRS
1,4-Dichlorbenzene	-	-	% Recovery	11/17/90	SRS
1,1-Dichloroethene	53	-	% Recovery	11/17/90	SRS
Tetrachloroethene	-	-	% Recovery	11/17/90	SRS
Trichloroethene	89	-	% Recovery	11/17/90	SRS
Pyridine	-	-	% Recovery	11/17/90	SRS
Vinyl Chloride	-	-	% Recovery	11/17/90	SRS
8270 TCLP					
2,4-Dinitrotoluene	121%	-	%Recovery	11/28/90	SRS
Hexachlorobenzene		-	%Recovery	11/28/90	SRS
Hexachloro-1,3-butadiene	-	-	%Recovery	11/28/90	SRS
Hexachloroethane	-	-	%Recovery	11/28/90	SRS
Cresol (Total)	-	-	%Recovery	11/28/90	SRS
Nitrobenzene	-	-	%Recovery	11/28/90	SRS
Pentachlorophenol	-	-	%Recovery	11/28/90	SRS
2,4,5-Trichlorophenol	-	-	%Recovery	11/28/90	SRS
2,4,6-Trichlorophenol	-	-	%Recovery	11/28/90	SRS
TCLP ZHE VOC Extraction	-		-	11/28/90	SRS

Precision Analytical Lab, Inc
205 West Galena
Milwaukee, WI 53212

Attn:
Phone: (414) 272-5222

BFI Waste Systems - Waukegan
2230 Ernie Krueger Cr.
Waukegan , IL 60085

Attn: Dan Dutton
Invoice Number: 617

Order #: 90-10-171
Date: 01/02/91 14:24
Work ID: PO # 0357 PROFILE GEAR CORP.
Date Received: 10/31/90
Date Completed: 01/02/91

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	CUTTING OIL & DIRT	02	CUTTING OIL & DIRT + SPIKE

Laboratory ID Number (Wisconsin DNR): 241359260

Scott Sherman, Linda Woodie
Certified By
Scott Sherman,Linda Woodie

QUALITY
ANALYTICAL
LABS, INC.

Job #: 11954
Date : 03/17/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 03/05/92
Analyses Date: 03/16-17/92

Identification: Nine samples taken by Inland Consultants personnel identified as:

PROFILE GEAR
LIBERTYVILLE, IL

Results follow:

Method: GC/ECD
PCB'S WIPES

	MDL (ug/Wipe)	Analysis (ug/Wipe)
Sample ID: #1 FLOOR WIPE		
Total PCB's:	5.0	BDL
Sample ID: #2 FLOOR WIPE		
Total PCB's:	5.0	2.9
Sample ID: #3 FLOOR WIPE		
Total PCB's:	5.0	BDL
Sample ID: MANHOLE		
Total PCB'S:	5.0	BDL

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: G-1 (WESTSIDE DRAINAGE)

VOLATILES Method: SW-846 8240 (modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	BDL
1,1-Dichloroethene	0.001	BDL
1,1,1-Trichloroethane	0.001	1.8
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	BDL
1,2-Dichloropropane	0.001	BDL
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	BDL
Acetone	0.075	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	BDL
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	BDL
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	0.005
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	BDL
Methylene chloride	0.001	BDL
Styrene	0.001	BDL
Tetrachloroethene	0.001	0.029
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	0.004
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chloroform)	0.001	0.012
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: G-2 (N.W. CORNER OF PROP.)

VOLATILES Method: SW-846 8240 (modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	BDL
1,1-Dichloroethene	0.001	BDL
1,1,1-Trichloroethane	0.001	0.006
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	BDL
1,2-Dichloropropane	0.001	BDL
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	BDL
Acetone	0.075	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	BDL
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	BDL
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	BDL
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	0.004
Methylene chloride	0.001	BDL
Styrene	0.001	BDL
Tetrachloroethene	0.001	BDL
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	BDL
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chloroform)	0.001	BDL
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: G-3 (SOUTHSIDE CULVERT)

VOLATILES Method: SW-846 8240 (modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	0.18
1,1-Dichloroethene	0.001	BDL
1,1,1-Trichloroethane	0.001	0.19
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	BDL
1,2-Dichloropropane	0.001	BDL
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	BDL
Acetone	0.075	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	BDL
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	BDL
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	BDL
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	0.003
Methylene chloride	0.001	BDL
Styrene	0.001	BDL
Tetrachloroethene	0.001	BDL
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	BDL
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chloroform)	0.001	BDL
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: G-4 (S.W. CORNER DOOR)

VOLATILES Method: SW-846 8240 (modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	BDL
1,1-Dichloroethene	0.001	BDL
1,1,1-Trichloroethane	0.001	0.013
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	BDL
1,2-Dichloropropane	0.001	BDL
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	BDL
Acetone	0.075	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	BDL
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	0.002
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	BDL
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	0.002
Methylene chloride	0.001	BDL
Styrene	0.001	BDL
Tetrachloroethene	0.001	BDL
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	BDL
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chloroform)	0.001	BDL
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: G-5 (INSIDE DEGREASING)

VOLATILES Method: SW-846 8240 (modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	BDL
1,1-Dichloroethene	0.001	0.009
1,1,1-Trichloroethane	0.001	0.017
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	BDL
1,2-Dichloropropane	0.001	BDL
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	0.047
Acetone	0.075	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	0.021
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	0.014
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	0.007
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	0.059
Methylene chloride	0.001	BDL
Styrene	0.001	BDL
Tetrachloroethene	0.001	BDL
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	0.013
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chlorcform)	0.001	BDL
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	0.032

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

MDL = Method Detection Limit
BDL = Below Detection Limit

Respectfully submitted,

Nicholas Cuzzone
Lab Manager
Quality Analytical Labs, Inc.

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12126 AMENDED
Date : 03/17/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 03/04/92
Analyses Date: 03/05-17/92

Identification: Three samples taken by Inland Consultants, Inc. personnel identified as:

PROFILE GEAR CORP.
105 S. BRADLEY RD.
LIBERTYVILLE, IL

Completed report.

Results follow:

Method: GC/ECD

	MDL (mg/Kg)	Analysis (mg/Kg)
Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT)		
Total PCB's:	0.5	BDL
Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB)		
Total PCB's:	5.0	BDL
Sample ID: #3 SOUTHWEST & SOUTH AREAS OF BUILDING GROUNDS		
Total PCB's:	5.0	BDL

PCB'S: RE-ANALYSES

Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT)		
Total PCB's:	0.5	BDL
Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB)		
Total PCB's:	0.5	BDL
Sample ID: #3 SOUTHWEST & SOUTH AREAS OF BUILDING GROUNDS		
Total PCB's:	0.5	BDL

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT) cont'd

BASE NEUTRALS Method: SW-846 8270

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.1	BDL
1,2-Dichlorobenzene	0.1	BDL
1,3-Dichlorobenzene	0.1	BDL
1,4-Dichlorobenzene	0.1	BDL
2,4-Dinitrotoluene	0.1	BDL
2,6-Dinitrotoluene	0.1	BDL
2-Chloronaphthalene	0.1	BDL
2-Methylnaphthalene	0.1	BDL
3,3'-Dichlorobenzidene	0.1	BDL
4-Bromophenyl phenyl ether	0.1	BDL
4-Chloroaniline	0.1	BDL
4-Chlorophenyl phenyl ether	0.1	BDL
2-Nitroaniline	0.1	BDL
3-Nitroaniline	0.1	BDL
4-Nitroaniline	0.1	BDL
Acenaphthylene	0.1	BDL
Acenaphthene	0.1	BDL
Anthracene	0.1	BDL
Benzo(a)anthracene	0.1	BDL
Benzo(a)pyrene	0.1	BDL
Benzo(b)fluoranthene	0.1	BDL
Benzo(ghi)perylene	0.1	BDL
Benzo(k)fluoranthene	0.1	BDL
Bis(2-chloroethyl)ether	0.1	BDL
Bis(2-chloroisopropropyl)ether	0.1	BDL
Bis(2-chloroethoxy)methane	0.1	BDL
Bis(2-ethylhexyl)phthalate	0.1	BDL
Butyl benzyl phthalate	0.1	BDL
Chrysene	0.1	BDL
Di-n-octylphthalate	0.1	BDL
Di-n-butylphthalate	0.1	BDL
Diethylphthalate	0.1	BDL
Dibenzofuran	0.1	BDL
Dibenzo(a,h)anthracene	0.1	BDL
Fluoranthene	0.1	BDL
Fluorene	0.1	BDL
Hexachloroethane	0.1	BDL
Hexachlorobutadiene	0.1	BDL
Hexachlorocyclopentadiene	0.1	BDL
Hexachlorobenzene	0.1	BDL
Ideno(1,2,3-c,d)pyrene	0.1	BDL
Isophorone	0.1	BDL
N-Nitrosodi-n-propylamine	0.1	BDL
N-Nitrosodiphenylamine	0.1	BDL
N-Nitrosodimethylamine	0.1	BDL
Naphthalene	0.1	BDL
Nitrobenzene	0.1	BDL
Phenanthrene	0.1	4.5
Pyrene	0.1	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT) cont'd

ACID EXTRACTABLES **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.1	BDL
2-Nitrophenol	0.1	BDL
Phenol	0.1	BDL
2,4-Dimethylphenol	0.1	BDL
2,4-Dichlorophenol	0.1	BDL
2,4,6-Trichlorophenol	0.1	BDL
4-Chloro-3-methylphenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
2-Methyl-4,6-dinitrophenol	0.1	BDL
Pentachlorophenol	0.1	1.8
4-Nitrophenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
o-Cresol	0.1	BDL
m & p-Cresol	0.1	BDL
Benzyl alcohol	0.1	BDL
Benzoic acid	0.1	BDL

PNA'S **Method: SW-846 8310 HPLC**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
Acenaphthylene	0.50	BDL
Acenaphthene	1.0	BDL
Anthracene	0.50	BDL
Benzo(a)anthracene	0.087	BDL
Benzo(a)pyrene	0.15	BDL
Benzo(b)fluoranthene	0.11	BDL
Benzo(ghi)perylene	0.51	BDL
Benzo(k)fluoranthene	0.11	BDL
Chrysene	0.10	BDL
Dibenzo(a,h)anthracene	0.20	BDL
Fluoranthene	0.50	4.6
Fluorene	0.50	BDL
Indeno(1,2,3-c,d)pyrene	0.29	BDL
Naphthalene	0.20	BDL
Phenanthrene	0.50	0.80
Pyrene	0050	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB) cont'd

BASE NEUTRALS Method: SW-846 8270

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.01	BDL
1,2-Dichlorobenzene	0.01	BDL
1,3-Dichlorobenzene	0.01	BDL
1,4-Dichlorobenzene	0.01	BDL
2,4-Dinitrotoluene	0.01	BDL
2,6-Dinitrotoluene	0.01	BDL
2-Chloronaphthalene	0.01	BDL
2-Methylnaphthalene	0.01	0.89
3,3'-Dichlorobenzidene	0.01	BDL
4-Bromophenyl phenyl ether	0.01	BDL
4-Chloroaniline	0.01	BDL
4-Chlorophenyl phenyl ether	0.01	BDL
2-Nitroaniline	0.01	BDL
3-Nitroaniline	0.01	BDL
4-Nitroaniline	0.01	BDL
Acenaphthylene	0.01	BDL
Acenaphthene	0.01	BDL
Anthracene	0.01	2.1
Benzo(a)anthracene	0.01	BDL
Benzo(a)pyrene	0.01	BDL
Benzo(b)fluoranthene	0.01	BDL
Benzo(ghi)perylene	0.01	BDL
Benzo(k)fluoranthene	0.01	BDL
Bis(2-chloroethyl)ether	0.01	BDL
Bis(2-chloroisopropropyl)ether	0.01	BDL
Bis(2-chloroethoxy)methane	0.01	BDL
Bis(2-ethylhexyl)phthalate	0.01	BDL
Butyl benzyl phthalate	0.01	BDL
Chrysene	0.01	BDL
Di-n-octylphthalate	0.01	BDL
Di-n-butylphthalate	0.01	BDL
Diethylphthalate	0.01	BDL
Dibenzofuran	0.01	BDL
Dibenzo(a,h)anthracene	0.01	BDL
Fluoranthene	0.01	BDL
Fluorene	0.01	BDL
Hexachloroethane	0.01	BDL
Hexachlorobutadiene	0.01	BDL
Hexachlorocyclopentadiene	0.01	BDL
Hexachlorobenzene	0.01	BDL
Ideno(1,2,3-c,d)pyrene	0.01	BDL
Isophorone	0.01	BDL
N-Nitrosodi-n-propylamine	0.01	BDL
N-Nitrosodiphenylamine	0.01	BDL
N-Nitrosodimethylamine	0.01	BDL
Naphthalene	0.01	2.0
Nitrobenzene	0.01	BDL
Phenanthrene	0.01	BDL
Pyrene	0.01	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB) cont'd

ACID EXTRACTABLES **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.01	BDL
2-Nitrophenol	0.01	BDL
Phenol	0.01	BDL
2,4-Dimethylphenol	0.01	BDL
2,4-Dichlorophenol	0.01	BDL
2,4,6-Trichlorophenol	0.01	BDL
4-Chloro-3-methylphenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
2-Methyl-4,6-dinitrophenol	0.01	0.94
Pentachlorophenol	0.01	BDL
4-Nitrophenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
o-Cresol	0.01	BDL
m & p-Cresol	0.01	BDL
Benzyl alcohol	0.01	BDL
Benzoic acid	0.01	BDL

PNA'S **Method: SW-846 8310 HPLC**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
Acenaphthylene	0.50	BDL
Acenaphthene	1.0	BDL
Anthracene	0.50	BDL
Benzo(a)anthracene	0.087	3.6
Benzo(a)pyrene	0.15	BDL
Benzo(b)fluoranthene	0.11	BDL
Benzo(ghi)perylene	0.51	BDL
Benzo(k)fluoranthene	0.11	BDL
Chrysene	0.10	1.2
Dibenzo(a,h)anthracene	0.20	BDL
Fluoranthene	0.50	0.10
Fluorene	0.50	BDL
Indeno(1,2,3-c,d)pyrene	0.29	BDL
Naphthalene	0.20	BDL
Phenanthrene	0.50	BDL
Pyrene	0.50	0.80

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #3 SOUTHWEST & SOUTH AREA OF BUILDING GROUNDS (cont'd)

BASE NEUTRALS **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.1	BDL
1,2-Dichlorobenzene	0.1	BDL
1,3-Dichlorobenzene	0.1	BDL
1,4-Dichlorobenzene	0.1	BDL
2,4-Dinitrotoluene	0.1	BDL
2,6-Dinitrotoluene	0.1	BDL
2-Chloronaphthalene	0.1	BDL
2-Methylnaphthalene	0.1	BDL
3,3'-Dichlorobenzidene	0.1	BDL
4-Bromophenyl phenyl ether	0.1	BDL
4-Chloroaniline	0.1	BDL
4-Chlorophenyl phenyl ether	0.1	BDL
2-Nitroaniline	0.1	BDL
3-Nitroaniline	0.1	BDL
4-Nitroaniline	0.1	BDL
Acenaphthylene	0.1	BDL
Acenaphthene	0.1	BDL
Anthracene	0.1	BDL
Benzo(a)anthracene	0.1	BDL
Benzo(a)pyrene	0.1	BDL
Benzo(b)fluoranthene	0.1	BDL
Benzo(ghi)perylene	0.1	BDL
Benzo(k)fluoranthene	0.1	BDL
Bis(2-chloroethyl)ether	0.1	BDL
Bis(2-chloroisopropropyl)ether	0.1	BDL
Bis(2-chloroethoxy)methane	0.1	BDL
Bis(2-ethylhexyl)phthalate	0.1	6.4
Butyl benzyl phthalate	0.1	BDL
Chrysene	0.1	BDL
Di-n-octylphthalate	0.1	BDL
Di-n-butylphthalate	0.1	BDL
Diethylphthalate	0.1	BDL
Dibenzofuran	0.1	BDL
Dibenzo(a,h)anthracene	0.1	BDL
Fluoranthene	0.1	BDL
Fluorene	0.1	BDL
Hexachloroethane	0.1	BDL
Hexachlorobutadiene	0.1	BDL
Hexachlorocyclopentadiene	0.1	BDL
Hexachlorobenzene	0.1	BDL
Ideno(1,2,3-c,d)pyrene	0.1	BDL
Isophorone	0.1	BDL
N-Nitrosodi-n-propylamine	0.1	BDL
N-Nitrosodiphenylamine	0.1	BDL
N-Nitrosodimethylamine	0.1	BDL
Naphthalene	0.1	BDL
Nitrobenzene	0.1	BDL
Phenanthrene	0.1	BDL
Pyrene	0.1	0.9

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #3 SOUTHWEST & SOUTH AREAS OF BUILDING GROUNDS (cont'd)

ACID EXTRACTABLES **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.1	BDL
2-Nitrophenol	0.1	BDL
Phenol	0.1	BDL
2,4-Dimethylphenol	0.1	BDL
2,4-Dichlorophenol	0.1	BDL
2,4,6-Trichlorophenol	0.1	BDL
4-Chloro-3-methylphenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
2-Methyl-4,6-dinitrophenol	0.1	BDL
Pentachlorophenol	0.1	BDL
4-Nitrophenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
o-Cresol	0.1	BDL
m & p-Cresol	0.1	BDL
Benzyl alcohol	0.1	BDL
Benzoic acid	0.1	BDL

PNA'S **Method: SW-846 8310 HPLC**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
Acenaphthylene	5.0	BDL
Acenaphthene	10.	BDL
Anthracene	5.0	BDL
Benzo(a)anthracene	0.87	BDL
Benzo(a)pyrene	1.5	BDL
Benzo(b)fluoranthene	1.1	BDL
Benzo(ghi)perylene	5.1	BDL
Benzo(k)fluoranthene	1.1	BDL
Chrysene	1.0	BDL
Dibenzo(a,h)anthracene	2.0	BDL
Fluoranthene	5.0	BDL
Fluorene	5.0	BDL
Indeno(1,2,3-c,d)pyrene	2.9	BDL
Naphthalene	2.0	BDL
Phenanthrene	5.0	BDL
Pyrene	5.0	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

MDL = Method Detection Limit
BDL = Below Detection Limit

Respectfully submitted,

Nicholas Cuzzone
Lab Manager
Quality Analytical Labs, Inc.

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12202AA
Date : 03/13/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 02/19/92
Analyses Date: 03/05-13/92

Identification: One sample taken by Inland Consultants, Inc. personnel identified as:

PROFILE GEAR - CORP.

Please note: Samples extracted past hold-time.

Results follow:

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12202AA

Sample ID: B-19 (5')
VOLATILES
Method: SW-846 8240 (Modified to capillary)

Parameter	MDL mg/Kg	Analysis mg/Kg
1,1-Dichloroethane	0.001	0.12
1,1-Dichloroethene	0.001	0.22
1,1,1-Trichloroethane	0.001	22.
1,1,2-Trichloroethane	0.001	BDL
1,1,2,2-Tetrachloroethane	0.001	BDL
1,2-Dichloroethane	0.001	0.054
1,2-Dichloropropane	0.001	0.008
1,2,3-Trichloropropane	0.001	BDL
1,4-Dichloro-2-butene	0.001	BDL
2-Butanone (MEK)	0.050	BDL
2-Chloroethyl vinyl ether	0.001	BDL
2-Hexanone	0.010	BDL
4-Methyl-2-pentanone(MIBK)	0.005	BDL
Acrolein	0.001	BDL
Acrylonitrile	0.001	BDL
Benzene	0.001	BDL
Bromodichloromethane	0.001	BDL
Bromomethane	0.005	BDL
Carbon disulfide	0.001	BDL
Chlorobenzene	0.001	BDL
Chloroethane	0.005	BDL
Chloromethane	0.005	BDL
cis-1,3-Dichloropropene	0.001	BDL
Dibromochloroemethane	0.001	BDL
Dibromomethane	0.001	BDL
Dichlorodifluoromethane	0.001	BDL
Ethylbenzene	0.001	0.041
Iodomethane	0.001	BDL
Methylbenzene (Toluene)	0.001	1.6
Styrene	0.001	BDL
Tetrachloroethene	0.001	0.13
Tetrachloromethane	0.001	BDL
trans-1,2-Dichloroethene	0.001	BDL
trans-1,3-Dichloropropene	0.001	BDL
Tribromomethane (Bromoform)	0.001	BDL
Trichloroethene	0.001	0.018
Trichlorofluoromethane	0.001	BDL
Trichloromethane (Chloroform)	0.001	BDL
Vinyl acetate	0.025	BDL
Vinyl chloride	0.005	BDL
Xylenes (Total)	0.003	0.14

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

MDL = Method Detection Limit
BDL = Below Detection Limit

Respectfully submitted,

Nicholas Cuzzone
Lab Manager
Quality Analytical Labs, Inc.

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12202
Date : 03/05/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 02/19-20/92
Analyses Date: 03/02-05/92

Identification: Two samples taken by Inland Consultants, Inc. personnel identified as:

PROFILE GEAR CORP.
LIBERTYVILLE, IL

Preliminary report. PCB's results to follow.

Results follow:

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12202

Sample ID: #1 B-7 (5')

BASE NEUTRALS **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysi (mg/Kg)
1,2,4-Trichlorobenzene	0.01	BDL
1,2-Dichlorobenzene	0.01	BDL
1,3-Dichlorobenzene	0.01	BDL
1,4-Dichlorobenzene	0.01	BDL
2,4-Dinitrotoluene	0.01	BDL
2,6-Dinitrotoluene	0.01	BDL
2-Chloronaphthalene	0.01	BDL
2-Methylnaphthalene	0.01	BDL
3,3'-Dichlorobenzidene	0.01	BDL
4-Bromophenyl phenyl ether	0.01	BDL
4-Chloroaniline	0.01	BDL
4-Chlorophenyl phenyl ether	0.01	BDL
2-Nitroaniline	0.01	BDL
3-Nitroaniline	0.01	BDL
4-Nitroaniline	0.01	BDL
Acenaphthylene	0.01	BDL
Acenaphthene	0.01	BDL
Anthracene	0.01	BDL
Benzo(a)anthracene	0.01	BDL
Benzo(a)pyrene	0.01	BDL
Benzo(b)fluoranthene	0.01	BDL
Benzo(ghi)perylene	0.01	BDL
Benzo(k)fluoranthene	0.01	BDL
Bis(2-chloroethyl)ether	0.01	BDL
Bis(2-chloroisopropropyl)ether	0.01	BDL
Bis(2-chloroethoxy)methane	0.01	BDL
Bis(2-ethylhexyl)phthalate	0.01	BDL
Butyl benzyl phthalate	0.01	BDL
Chrysene	0.01	BDL
Di-n-octylphthalate	0.01	BDL
Di-n-butylphthalate	0.01	BDL
Diethylphthalate	0.01	BDL
Dibenzofuran	0.01	BDL
Dibenzo(a,h)anthracene	0.01	BDL
Fluoranthene	0.01	BDL
Fluorene	0.01	BDL
Hexachloroethane	0.01	BDL
Hexachlorobutadiene	0.01	BDL
Hexachlorocyclopentadiene	0.01	BDL
Hexachlorobenzene	0.01	BDL
Ideno(1,2,3-c,d)pyrene	0.01	BDL
Isophorone	0.01	BDL
N-Nitrosodi-n-propylamine	0.01	BDL
N-Nitrosodiphenylamine	0.01	BDL
N-Nitrosodimethylamine	0.01	BDL
Naphthalene	0.01	BDL
Nitrobenzene	0.01	BDL
Phenanthrene	0.01	BDL
Pyrene	0.01	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #1 B-7 (5') cont'd
ACID EXTRACTABLES

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.01	BDL
2-Nitrophenol	0.01	BDL
Phenol	0.01	BDL
2,4-Dimethylphenol	0.01	BDL
2,4-Dichlorophenol	0.01	BDL
2,4,6-Trichlorophenol	0.01	BDL
4-Chloro-3methylphenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
2-Methyl-4,6-dinitrophenol	0.01	BDL
Pentachlorophenol	0.01	BDL
4-Nitrophenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
o-Cresol	0.01	BDL
m & p-Cresol	0.01	BDL
Benzyl alcohol	0.01	BDL
Benzoic acid	0.01	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12202

Sample ID: #2 B-19 (5')

BASE NEUTRALS Method: SW-846 8270

Parameter	MDL (mg/Kg)	Analysi (mg/Kg)
1,2,4-Trichlorobenzene	0.01	BDL
1,2-Dichlorobenzene	0.01	BDL
1,3-Dichlorobenzene	0.01	BDL
1,4-Dichlorobenzene	0.01	BDL
2,4-Dinitrotoluene	0.01	BDL
2,6-Dinitrotoluene	0.01	BDL
2-Chloronaphthalene	0.01	BDL
2-Methylnaphthalene	0.01	0.07
3,3'-Dichlorobenzidene	0.01	BDL
4-Bromophenyl phenyl ether	0.01	BDL
4-Chloroaniline	0.01	BDL
4-Chlorophenyl phenyl ether	0.01	BDL
2-Nitroaniline	0.01	BDL
3-Nitroaniline	0.01	BDL
4-Nitroaniline	0.01	BDL
Acenaphthylene	0.01	BDL
Acenaphthene	0.01	BDL
Anthracene	0.01	BDL
Benzo(a)anthracene	0.01	BDL
Benzo(a)pyrene	0.01	BDL
Benzo(b)fluoranthene	0.01	BDL
Benzo(ghi)perylene	0.01	BDL
Benzo(k)fluoranthene	0.01	BDL
Bis(2-chloroethyl)ether	0.01	BDL
Bis(2-chloroisopropropyl)ether	0.01	BDL
Bis(2-chloroethoxy)methane	0.01	BDL
Bis(2-ethylhexyl)phthalate	0.01	BDL
Butyl benzyl phthalate	0.01	BDL
Chrysene	0.01	BDL
Di-n-octylphthalate	0.01	BDL
Di-n-butylphthalate	0.01	BDL
Diethylphthalate	0.01	BDL
Dibenzofuran	0.01	BDL
Dibenzo(a,h)anthracene	0.01	BDL
Fluoranthene	0.01	BDL
Fluorene	0.01	BDL
Hexachloroethane	0.01	BDL
Hexachlorobutadiene	0.01	BDL
Hexachlorocyclopentadiene	0.01	BDL
Hexachlorobenzene	0.01	BDL
Ideno(1,2,3-c,d)pyrene	0.01	BDL
Isophorone	0.01	BDL
N-Nitrosodi-n-propylamine	0.01	BDL
N-Nitrosodiphenylamine	0.01	BDL
N-Nitrosodimethylamine	0.01	BDL
Naphthalene	0.01	BDL
Nitrobenzene	0.01	BDL
Phenanthrene	0.01	BDL
Pyrene	0.01	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #2 B-19 (5') cont'd
ACID EXTRACTABLES

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.01	BDL
2-Nitrophenol	0.01	BDL
Phenol	0.01	BDL
2,4-Dimethylphenol	0.01	BDL
2,4-Dichlorophenol	0.01	BDL
2,4,6-Trichlorophenol	0.01	BDL
4-Chloro-3methylphenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
2-Methyl-4,6-dinitrophenol	0.01	BDL
Pentachlorophenol	0.01	BDL
4-Nitrophenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
o-Cresol	0.01	BDL
m & p-Cresol	0.01	BDL
Benzyl alcohol	0.01	BDL
Benzoic acid	0.01	BDL

MDL = Method Detection Limit
BDL = Below Detection Limit

Respectfully submitted,

Douglas Weir, Ph.D.
Lab Director
Quality Analytical Labs, Inc.

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

I N L A N D

nland Consultants, Inc.
Engineering Services
1530 W. Peterson Avenue
Chicago, Illinois 60659

CHAIN OF CUSTODY

PROJECT 105 S. Bradl Libertyville IL

CLIENT Profile Gear

AMPLE UMBER	Sample Location/Description	Sample Date	Sample Time	Sample Type (Water, Soil, Sludge, Grab, Composite, etc.)	Number of Containers	Analyses Requested	Comments
1	B-42 (5')	2/21		Soil	One (1)	B.E.T.X.	
2	B-42 (10')						
3	B-48 (1')						
4	B-52 (1)						
5	B-54 (5')						
6	B-39 (3')						
7	B-23 (3')						

Signature (Chain of Possession)	Firm	Inclusive Dates	Comments
Karl Meier	Inland Consultants Inc.	2/24/92	
[illegible]	ENVIRONMENTAL LABS	2-24-92	

ENVIRONMENTAL MOBILE LABORATORY
3923 Howard Street
Skokie, Illinois 60076

John Orolin, Lab Manager
Phone(708) 675-4090
Fax (708) 677-7533

Inland Consultants, Inc.
Attn: Karl Meier
3921 Howard Street
Skokie, Illinois 60076

RE:	Order #:	280292 -3 to 9
	Date:	02/28/92
	Work ID:	Profile Gear 105 S. Bradley Libertyville, Ill.
	Date Received:	02/24/92
	Date Completed:	02/28/92

SAMPLE IDENTIFICATION

Sample Number	Sample Description
S-1	B-42 5 ft Soil
S-2	B-42 10ft Soil
S-3	B-48 1 ft Soil
S-4	B-52 1 ft soil
S-5	B-54 5 ft Soil
S-6	B-39 3 ft Soil
S-7	B-23 3 ft Soil

The samples as listed above were analyzed as received. They will be retained for a period of 14 days after extraction, then disposed of or returned to the sender as per their request.

Certified By: John Orolin, Lab Manager

f:wp51\EML\BTEX.FRM

ENVIRONMENTAL MOBILE LABORATORY
Order #:280292-3 to 9
Date: 02/28/92

TEST RESULTS BY SAMPLE

Sample: S-1 (B-42 5ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(94) Min:50	Max:150
A,A,A-Triflurotoluene	(90) Min:50	Max:150

Sample: S-2 (B-42 10ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(57) Min:50	Max:150
A,A,A-Triflurotoluene	(97) Min:50	Max:150

Sample: S-3 (B-48 1ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(66) Min:50	Max:150
A,A,A-Triflurotoluene	(104) Min:50	Max:150

f:wp51\EML\BTEX.FRM

ENVIRONMENTAL MOBILE LABORATORY
Order #:280292-3 to 9
Date: 02/28/92

TEST RESULTS BY SAMPLE

Sample: S-4 (B-52 1ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(111) Min:50	Max:150
A,A,A-Triflurotoluene	(100) Min:50	Max:150

Sample: S-5 (B-54 5ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(78) Min:50	Max:150
A,A,A-Triflurotoluene	(97) Min:50	Max:150

Sample: S-6 (B-39 3ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(67) Min:50	Max:150
A,A,A-Triflurotoluene	(113) Min:50	Max:150

f:wp51\EML\BTEX.FRM

ENVIRONMENTAL MOBILE LABORATORY
Order #:280292-3 to 9
Date: 02/28/92

TEST RESULTS BY SAMPLE

Sample: S-7 (B-23 3ft Soil) **Collected: 02/21/92** **Analyzed: 02/28/92**
Units: mg/L **By: JJO**

Test Description	Results	ADL's
P&T BTEX: Soil/Water SW846-8020		
Benzene	<0.002	0.002
Toluene	<0.002	0.002
Ethyl Benzene	<0.002	0.002
Total Xylenes	<0.005	0.005
Surrogates: Quality Control Data		
*Toluene-d_8	(***) Min:50	Max:150
4-Bromoflurobenzene	(121) Min:50	Max:150
A,A,A-Triflurotoluene	(117) Min:50	Max:150

f:wp51\EML\BTEX.FRM

IN L A N D

land Consultants, Inc.
ngineering Services
30 W. Peterson Avenue
hicago, Illinois 60659

CHAIN OF CUSTODY

PROJECT Profile Gear Corp. 105 So. Bradley Rd Libertyville, IL

CLIENT Larry Ackerman

MPLE MBER	Sample Location/Description	Sample Date	Sample Time	Sample Type (Water, Soil, Sludge, Grab, Composite, etc.)	Number of Containers	Analyses Requested	Comments
1	Heat Treating Pit Area material from pit	3/4/92	3:00 PM	Soil	1	8270 - Full 8310 ANR PCB's - 8080	Note! If PCB's are present
2.	West Side - Dock Area under slab	"	"	Soil	1	8270 - Full 8310 - PNA 8080 PCB	Run for Dioxin
3	Southwest & South areas of building grounds	"	"	Soil	1	" " "	" "
							" "
				If PCB's are positive,		Run	For Dioxin

gnature (Chain of Possession)	Firm	Inclusive Dates	Comments
[illegible]	Inland Consultants, Inc.	3/5-92	Rush.
[illegible]	Quality Analytical	3/05/92	

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12126
Date : 03/10/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 03/04/92
Analyses Date: 03/05-10/92

Identification: Three samples taken by Inland Consultants, Inc. personnel identified as:

PROFILE GEAR CORP.
105 S. BRADLEY RD.
LIBERTYVILLE, IL

Partial report. Results on Semi-VOA's & PNA's to follow.

Results follow:

Method: GC/ECD

	MDL (mg/Kg)	Analysis (mg/Kg)
Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT)		
Total PCB's:	0.5	BDL
Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB)		
Total PCB's:	5.0	BDL
Sample ID: #3 SOUTHWEST & SOUTH AREAS OF BUILDING GROUNDS		
Total PCB's:	5.0	BDL

MDL = Method Detection Limit
BDL = Below Detection Limit

Respectfully submitted,

Nicholas Cuzzone
Lab Manager
Quality Analytical Labs, Inc.

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12126
Date : 03/16/92

Inland Consultants, Inc.
Engineering Services
3921 Howard Street
Skokie, IL 60076

ATTN: Karl Meier

Sampling Date: 03/04/92
Analyses Date: 03/05-16/92

Identification: Three samples taken by Inland Consultants, Inc. personnel identified as:

PROFILE GEAR CORP.
105 S. BRADLEY RD.
LIBERTYVILLE, IL

Preliminary report. PCB'S re-analyses results to follow.

Results follow:

Method: GC/ECD

	MDL (mg/Kg)	Analysis (mg/Kg)
Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT)		
Total PCB's:	0.5	BDL
Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB)		
Total PCB's:	5.0	BDL
Sample ID: #3 SOUTHWEST & SOUTH AREAS OF BUILDING GROUNDS		
Total PCB's:	5.0	BDL

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12126

Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT) cont'd

BASE NEUTRALS Method: SW-846 8270

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.1	BDL
1,2-Dichlorobenzene	0.1	BDL
1,3-Dichlorobenzene	0.1	BDL
1,4-Dichlorobenzene	0.1	BDL
2,4-Dinitrotoluene	0.1	BDL
2,6-Dinitrotoluene	0.1	BDL
2-Chloronaphthalene	0.1	BDL
2-Methylnaphthalene	0.1	BDL
3,3'-Dichlorobenzidene	0.1	BDL
4-Bromophenyl phenyl ether	0.1	BDL
4-Chloroaniline	0.1	BDL
4-Chlorophenyl phenyl ether	0.1	BDL
2-Nitroaniline	0.1	BDL
3-Nitroaniline	0.1	BDL
4-Nitroaniline	0.1	BDL
Acenaphthylene	0.1	BDL
Acenaphthene	0.1	BDL
Anthracene	0.1	BDL
Benzo(a)anthracene	0.1	BDL
Benzo(a)pyrene	0.1	BDL
Benzo(b)fluoranthene	0.1	BDL
Benzo(ghi)perylene	0.1	BDL
Benzo(k)fluoranthene	0.1	BDL
Bis(2-chloroethyl)ether	0.1	BDL
Bis(2-chloroisopropropyl)ether	0.1	BDL
Bis(2-chloroethoxy)methane	0.1	BDL
Bis(2-ethylhexyl)phthalate	0.1	BDL
Butyl benzyl phthalate	0.1	BDL
Chrysene	0.1	BDL
Di-n-octylphthalate	0.1	BDL
Di-n-butylphthalate	0.1	BDL
Diethylphthalate	0.1	BDL
Dibenzofuran	0.1	BDL
Dibenzo(a,h)anthracene	0.1	BDL
Fluoranthene	0.1	BDL
Fluorene	0.1	BDL
Hexachloroethane	0.1	BDL
Hexachlorobutadiene	0.1	BDL
Hexachlorocyclopentadiene	0.1	BDL
Hexachlorobenzene	0.1	BDL
Ideno(1,2,3-c,d)pyrene	0.1	BDL
Isophorone	0.1	BDL
N-Nitrosodi-n-propylamine	0.1	BDL
N-Nitrosodiphenylamine	0.1	BDL
N-Nitrosodimethylamine	0.1	BDL
Naphthalene	0.1	BDL
Nitrobenzene	0.1	BDL
Phenanthrene	0.1	4.5
Pyrene	0.1	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #1 HEAT TREATING PIT AREA (MATERIAL FROM PIT) cont'd

ACID EXTRACTABLES **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.1	BDL
2-Nitrophenol	0.1	BDL
Phenol	0.1	BDL
2,4-Dimethylphenol	0.1	BDL
2,4-Dichlorophenol	0.1	BDL
2,4,6-Trichlorophenol	0.1	BDL
4-Chloro-3-methylphenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
2-Methyl-4,6-dinitrophenol	0.1	BDL
Pentachlorophenol	0.1	1.8
4-Nitrophenol	0.1	BDL
2,4-Dinitrophenol	0.1	BDL
o-Cresol	0.1	BDL
m & p-Cresol	0.1	BDL
Benzyl alcohol	0.1	BDL
Benzoic acid	0.1	BDL

PNA'S **Method: SW-846 8310 HPLC**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
Acenaphthylene	0.50	BDL
Acenaphthene	1.0	BDL
Anthracene	0.50	BDL
Benzo(a)anthracene	0.087	BDL
Benzo(a)pyrene	0.15	BDL
Benzo(b)fluoranthene	0.11	BDL
Benzo(ghi)perylene	0.51	BDL
Benzo(k)fluoranthene	0.11	BDL
Chrysene	0.10	BDL
Dibenzo(a,h)anthracene	0.20	BDL
Fluoranthene	0.50	4.6
Fluorene	0.50	BDL
Indeno(1,2,3-c,d)pyrene	0.29	BDL
Naphthalene	0.20	BDL
Phenanthrene	0.50	0.80
Pyrene	0050	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089
TOLL FREE 800 / LAB-0149

QUALITY
ANALYTICAL
LABS, INC.

Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB) cont'd

BASE NEUTRALS **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.01	BDL
1,2-Dichlorobenzene	0.01	BDL
1,3-Dichlorobenzene	0.01	BDL
1,4-Dichlorobenzene	0.01	BDL
2,4-Dinitrotoluene	0.01	BDL
2,6-Dinitrotoluene	0.01	BDL
2-Chloronaphthalene	0.01	BDL
2-Methylnaphthalene	0.01	0.89
3,3'-Dichlorobenzidene	0.01	BDL
4-Bromophenyl phenyl ether	0.01	BDL
4-Chloroaniline	0.01	BDL
4-Chlorophenyl phenyl ether	0.01	BDL
2-Nitroaniline	0.01	BDL
3-Nitroaniline	0.01	BDL
4-Nitroaniline	0.01	BDL
Acenaphthylene	0.01	BDL
Acenaphthene	0.01	BDL
Anthracene	0.01	2.1
Benzo(a)anthracene	0.01	BDL
Benzo(a)pyrene	0.01	BDL
Benzo(b)fluoranthene	0.01	BDL
Benzo(ghi)perylene	0.01	BDL
Benzo(k)fluoranthene	0.01	BDL
Bis(2-chloroethyl)ether	0.01	BDL
Bis(2-chloroisopropropyl)ether	0.01	BDL
Bis(2-chloroethoxy)methane	0.01	BDL
Bis(2-ethylhexyl)phthalate	0.01	BDL
Butyl benzyl phthalate	0.01	BDL
Chrysene	0.01	BDL
Di-n-octylphthalate	0.01	BDL
Di-n-butylphthalate	0.01	BDL
Diethylphthalate	0.01	BDL
Dibenzofuran	0.01	BDL
Dibenzo(a,h)anthracene	0.01	BDL
Fluoranthene	0.01	BDL
Fluorene	0.01	BDL
Hexachloroethane	0.01	BDL
Hexachlorobutadiene	0.01	BDL
Hexachlorocyclopentadiene	0.01	BDL
Hexachlorobenzene	0.01	BDL
Ideno(1,2,3-c,d)pyrene	0.01	BDL
Isophorone	0.01	BDL
N-Nitrosodi-n-propylamine	0.01	BDL
N-Nitrosodiphenylamine	0.01	BDL
N-Nitrosodimethylamine	0.01	BDL
Naphthalene	0.01	2.0
Nitrobenzene	0.01	BDL
Phenanthrene	0.01	BDL
Pyrene	0.01	BDL

Sample ID: #2 WESTSIDE DOCK AREA (UNDER SLAB) cont'd

ACID EXTRACTABLES **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
2-Chlorophenol	0.01	BDL
2-Nitrophenol	0.01	BDL
Phenol	0.01	BDL
2,4-Dimethylphenol	0.01	BDL
2,4-Dichlorophenol	0.01	BDL
2,4,6-Trichlorophenol	0.01	BDL
4-Chloro-3-methylphenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
2-Methyl-4,6-dinitrophenol	0.01	0.94
Pentachlorophenol	0.01	BDL
4-Nitrophenol	0.01	BDL
2,4-Dinitrophenol	0.01	BDL
o-Cresol	0.01	BDL
m & p-Cresol	0.01	BDL
Benzyl alcohol	0.01	BDL
Benzoic acid	0.01	BDL

PNA'S **Method: SW-846 8310 HPLC**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
Acenaphthylene	0.50	BDL
Acenaphthene	1.0	BDL
Anthracene	0.50	BDL
Benzo(a)anthracene	0.087	3.6
Benzo(a)pyrene	0.15	BDL
Benzo(b)fluoranthene	0.11	BDL
Benzo(ghi)perylene	0.51	BDL
Benzo(k)fluoranthene	0.11	BDL
Chrysene	0.10	1.2
Dibenzo(a,h)anthracene	0.20	BDL
Fluoranthene	0.50	0.10
Fluorene	0.50	BDL
Indeno(1,2,3-c,d)pyrene	0.29	BDL
Naphthalene	0.20	BDL
Phenanthrene	0.50	BDL
Pyrene	0.50	0.80

QUALITY
ANALYTICAL
LABS, INC.

Job #: 12112

Sample ID: #2 SOUTH REAR BY 55 GAL. DRUMS

BASE NEUTRALS **Method: SW-846 8270**

Parameter	MDL (mg/Kg)	Analysis (mg/Kg)
1,2,4-Trichlorobenzene	0.1	BDL
1,2-Dichlorobenzene	0.1	BDL
1,3-Dichlorobenzene	0.1	BDL
1,4-Dichlorobenzene	0.1	BDL
2,4-Dinitrotoluene	0.1	BDL
2,6-Dinitrotoluene	0.1	BDL
2-Chloronaphthalene	0.1	BDL
2-Methylnaphthalene	0.1	BDL
3,3'-Dichlorobenzidene	0.1	BDL
4-Bromophenyl phenyl ether	0.1	BDL
4-Chloroaniline	0.1	BDL
4-Chlorophenyl phenyl ether	0.1	BDL
2-Nitroaniline	0.1	BDL
3-Nitroaniline	0.1	BDL
4-Nitroaniline	0.1	BDL
Acenaphthylene	0.1	BDL
Acenaphthene	0.1	BDL
Anthracene	0.1	BDL
Benzo(a)anthracene	0.1	BDL
Benzo(a)pyrene	0.1	BDL
Benzo(b)fluoranthene	0.1	BDL
Benzo(ghi)perylene	0.1	BDL
Benzo(k)fluoranthene	0.1	BDL
Bis(2-chloroethyl)ether	0.1	BDL
Bis(2-chloroisopropropyl)ether	0.1	BDL
Bis(2-chloroethoxy)methane	0.1	BDL
Bis(2-ethylhexyl)phthalate	0.1	BDL
Butyl benzyl phthalate	0.1	BDL
Chrysene	0.1	BDL
Di-n-octylphthalate	0.1	BDL
Di-n-butylphthalate	0.1	BDL
Diethylphthalate	0.1	BDL
Dibenzofuran	0.1	BDL
Dibenzo(a,h)anthracene	0.1	BDL
Fluoranthene	0.1	BDL
Fluorene	0.1	BDL
Hexachloroethane	0.1	BDL
Hexachlorobutadiene	0.1	BDL
Hexachlorocyclopentadiene	0.1	BDL
Hexachlorobenzene	0.1	BDL
Ideno(1,2,3-c,d)pyrene	0.1	BDL
Isophorone	0.1	BDL
N-Nitrosodi-n-propylamine	0.1	BDL
N-Nitrosodiphenylamine	0.1	BDL
N-Nitrosodimethylamine	0.1	BDL
Naphthalene	0.1	BDL
Nitrobenzene	0.1	BDL
Phenanthrene	0.1	BDL
Pyrene	0.1	BDL

1938 C UNIVERSITY LANE • LISLE, IL 60532 • 708 / 512-0061 FAX 708 / 512-0089

Order # 90-10-171
01/02/91 14:24

Precision Analytical Lab, Inc

REPORT COMMENTS

* High detection limits due to matrix interference.

* Limits of detection higher than normal due to sample dilution.

N/T - Not Tested

The samples ordered for PCB were analyzed by EPA Method 625 (40 CFR 136 Appendix A, "Methods for Organic Chemical Analysis of Municipal and Industrial Waste."). Analysis of Municipal and Industrial Waste.").

The samples ordered for 8240 were analyzed according to Method 8240 (SW 846 Test Methods for Evaluating Solid Waste - Physical/