

File



JAN 11 1990

Reply to
Attn of: HW-093

Amber Roberts
1020 South 3rd Avenue
Yakima, Washington 98902

Dear Mr. Roberts:

The U.S. Environmental Protection Agency (EPA), through its contractor, Ecology and Environment (E & E), has completed the site inspection of Southgate Laundry. A copy of the report is enclosed.

Based on this site inspection and other pertinent information, EPA finds it appropriate to defer to state authority for further consideration. Accordingly, EPA does not anticipate further investigation under the Federal Superfund Program.

If you have any questions, I can be reached at (206)442-7215.

Sincerely,

William J. Glasser, R.S., M.P.H.
Environmental Protection Specialist
Superfund Response & Investigations Section

Enclosure

cc: Michael Spencer, Ecology
Bob Kievit, EPA-WOO
Don Steinmetz, Yakima County Health District
Clar Pratt, Ecology-CRO

This document was part of the official
Administrative Record for the Yakima
Railroad Area on October 31, 1996.
Washington State
Department of Ecology.



ecology and environment, inc.

101 YESLER WAY, SEATTLE, WASHINGTON, 98104, TEL. 206/624-9537

International Specialists in the Environment

MEMORANDUM

DATE: November 29, 1989

TO: John Osborn, FIT-RPO, USEPA, Region 10

THRU: Jeffrey Villnow, FITOM, E & E, Seattle ✓

FROM: Charles F. Pitz, FIT-PM, E & E, Seattle CFP

SUBJ: Revised HRS Score
Southgate Laundry and Dry Cleaners
Yakima, Washington

REF: TDD F10-8806-04
PAN FWA0585SA

CC: William Glasser, HWD-SM, USEPA, Region 10
Andrew Hafferty, AFITOM, E & E, Seattle

Ecology and Environment, Inc. conducted a Screening Site Inspection (SSI) at the Southgate Laundry and Dry Cleaners site in Yakima, Washington, on January 31, 1989. At the time of this inspection, no evidence of past on-site release or disposal of hazardous substances was identified. All wastes, including hazardous wastes, generated in the past during normal site operations have been handled and disposed of properly. Due to the lack of a viable waste quantity, no revised HRS score package was prepared for the Southgate Laundry and Dry Cleaners site.

CFP:rls

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MEMORANDUM

DATE: November 29, 1989

TO: John Osborn, FIT-RPO, USEPA, Region 10

THRU: Jeffrey Villnow, FITOM, E & E, Seattle

FROM: Charles F. Pitz, FIT-PM, E & E, Seattle *CFP*

SUBJ: Site Inspection Summary and EPA Form 2070-13
Southgate Laundry and Dry Cleaners
Yakima, Washington

REF: TDD F10-8806-04
PAN FWA0585SA

CC: William Glasser, HWD-SM, USEPA, Region 10
Andrew Hafferty, AFITOM, E & E, Seattle

Pursuant to U.S. Environmental Protection Agency (EPA) Contract Number 68-01-7347 and Technical Directive Document (TDD) Number F10-8806-04, Ecology and Environment, Inc. (E & E) conducted a Screening Site Inspection (SSI) of the Southgate Laundry and Dry Cleaner's facility in Yakima, Washington. On January 31, 1989, two inspectors from E & E conducted a reconnaissance site inspection of the facility, including an owner interview and a walk-through inspection. The information included in this memo regarding the usage, handling, and disposal of solvents at the facility was gathered during that inspection, and during a subsequent phone conversation with the manager, Amber Roberts.

The Southgate Laundry and Dry Cleaners is located in a mixed residential/commercial district of south-central Yakima, Washington, in the Southgate Shopping Mall (Figure 1). The business has been in operation since 1976, and currently is owned by Verlyn Hoff. Presently the business is comprised of a coin-op laundry and a drycleaning service, employing approximately seven workers. The facility is served by city water and sewer systems.

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The Southgate Laundry and Dry Cleaners uses an estimated 400 gallons of tetrachloroethene (PCE) drycleaning solvent per year. Feedstock solvents are delivered approximately twice monthly by a Seattle supplier. New solvents are pumped from the suppliers truck to a 55-gallon steel drum located inside the building. This drum, which is covered by a bolted steel lid, is located on a wooden loft approximately 8 feet above the drycleaning machine. When it is necessary to replenish the drycleaning machine solvent reservoir, solvents are pumped from the drum. The feedstock drum was perched with its base partially over the edge of the loft at the time of the inspection, and no spill-containment features were present.

When clothing is drycleaned at the Southgate Laundry, PCE solvents in the solvent reservoir of the drycleaning washer are pumped first through a consecutive series of six carbon-core filters located in the loft. The filtered PCE then is pumped back to the washing machine, where it is used to dryclean clothing. The majority of the PCE eventually is returned to the reservoir during a spin-out cycle in the washer. After the clothes have been washed, the PCE that remains in the clothing is heated and driven off as vapor in a reclaiming machine (essentially equivalent to a dryer). The vapors from the reclaimer are run through a cooling coil chamber, which reliquifies the incoming vapors, and subsequently separates any wastewater from the PCE. The reclaimed PCE eventually returns to the reservoir. Those vapors that are able to bypass the condenser chamber reportedly are trapped further downline in a carbon-bed stripper located in the loft. At the end of each working day, steam heat is reportedly used to revaporize any PCE trapped in the stripper. This vapor then is chilled and condensed and the reclaimed PCE once again returns to the solvent reservoir on the washer.

The only wastes that reportedly are generated on site include spent filters and the wastewater that has been separated from the reclaimed PCE. The spent filters (approximately 18 to 20 per year) are thrown out as refuse for eventual disposal in the local landfill. The wastewater that is separated from the reclaimed PCE is collected and disposed of in the city sewer system. Reportedly, the volume of wastewater generated each year is very small (less than 3 gallons), dependent upon the original amount added to dilute the PCE in the washer. There is no record of any analysis ever being performed on either the filters or the wastewater for PCE content.

At the time of the inspection, it was noted that PCE vapors were abnormally strong throughout the facility, particularly in the vicinity of the drycleaning work area. It is probable that the volume of PCE consumed each year by the business, in large part, can be accounted for by volatilization loss into the work atmosphere. A loose fitting metal lid covers the solvent reservoir, providing a probable route for a

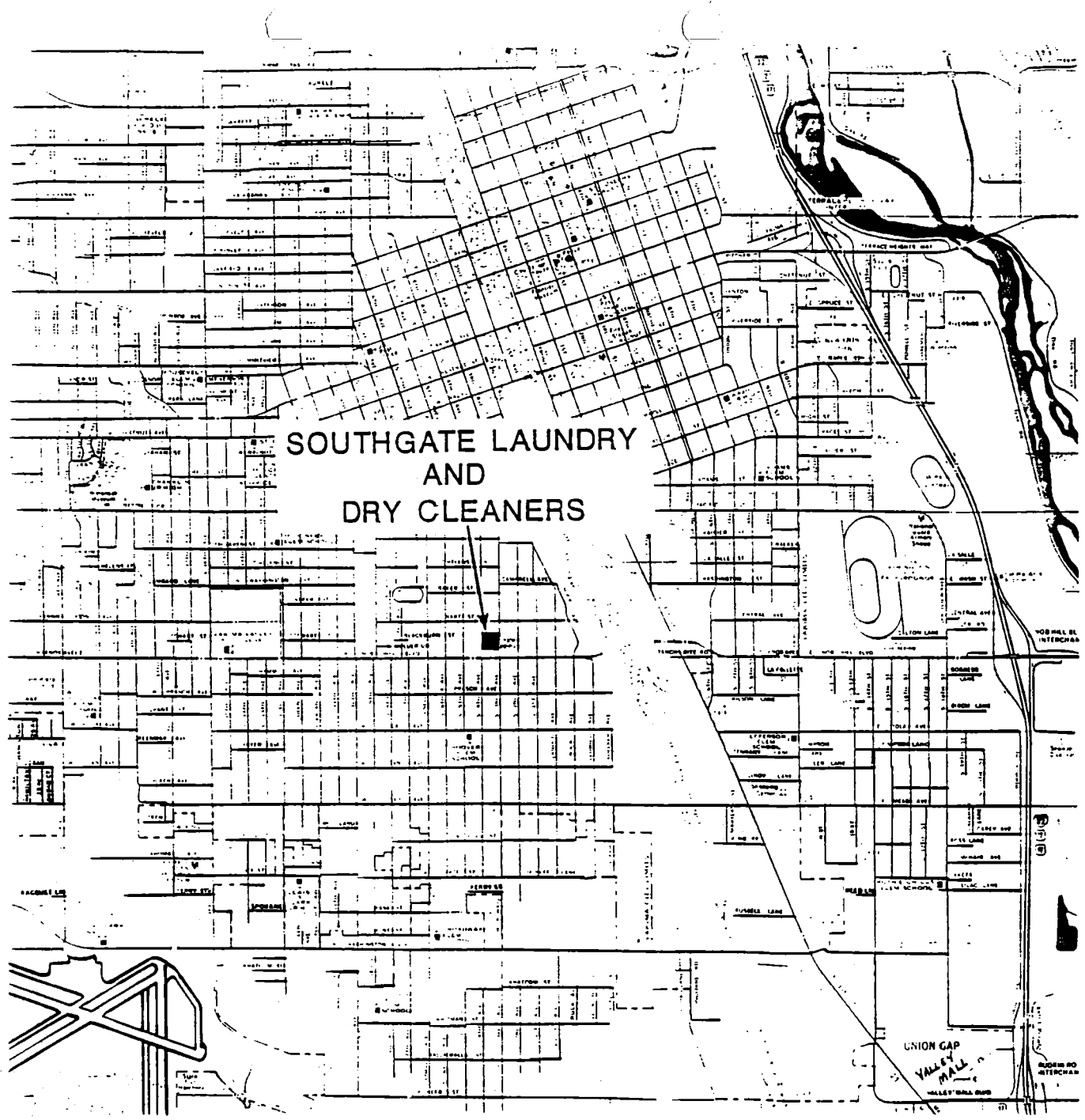
Site Inspection Summary
Southgate Laundry and Dry Cleaners
Page 3

portion of that loss. PCE vapors were concentrated notably in the drycleaning work area during the operation of the washer. No evidence was found that indicated that waste free-product PCE or large volumes of PCE contaminated water have been released from the facility via spills or disposal into the city sewer system. It should be noted that the manager reported that in her memory, the carbon in the stripper had never been replaced or reactivated. It is possible that the adsorption capacity of the carbon has decreased over time, and that PCE vapors are bypassing the stripper to exhaust to the outside atmosphere. However, it is not believed that the potential volume and concentration of emissions are great enough to justify air sampling at this site by the CERCLA program.

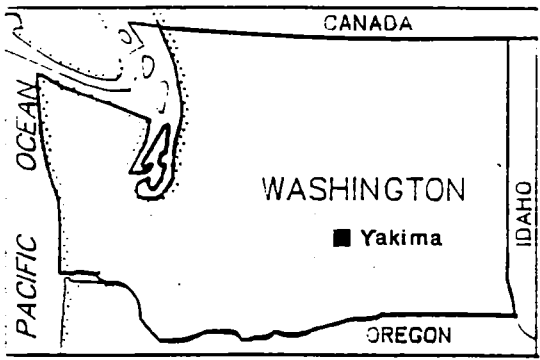
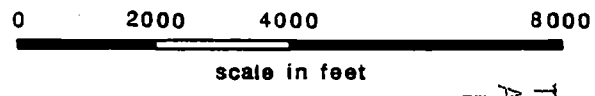
On the basis of this information, it is recommended that no further action be taken at this site by the CERCLA program. However, it is recommended that an inspection of the facility by the Washington State Department of Labor and Industries be considered in order to investigate working conditions. According to the manager, opening the doors of the facility building is currently the only method of providing ventilation for the employees, indicating that chronic employee exposure to PCE vapors may be a problem at this business.

CFP:rls

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**SOUTHGATE LAUNDRY
AND
DRY CLEANERS**



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Administrative Record for the
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Washington State
Department of Ecology

ecology & environment, inc.	
Job: F10-8806-04	Waste Site: WA 0585
Drawn by: B.T.	Date: March 15, 1989

**FIGURE 1
LOCATION MAP
SOUTHGATE LAUNDRY AND DRY
CLEANERS
Yakima, WA**

POTENTIAL HAZARDOUS WASTE SITE

EPA

SITE INSPECTION REPORT

PART I SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE WA 02 SITE NUMBER D040184368

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Southgate Laundry and Dry Cleaning		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1020 South 3rd Avenue					
03 CITY Yakima		04 STATE WA	05 ZIP CODE 98902	06 COUNTY Yakima		07 COUNTY CODE 077	08 CONG DIST 04
09 COORDINATES LATITUDE 46°35'09.9"		LONGITUDE 120°35'32.0"		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN			

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 1/31/89 MO/DAY/YR		02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE		03 YEARS OF OPERATION 1976 - UNKNOWN BEGINNING YEAR ENDING YEAR			
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR Ecology & Environment, Inc. (E & E) <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR (Name of firm) <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER (Name of firm) (Specify)							

05 CHIEF INSPECTOR Charles F. Pitz		06 TITLE Field Investigator		07 ORGANIZATION E & E		08 TELEPHONE NO. 206/624-9537	
09 OTHER INSPECTORS Timothy Slotta		10 TITLE Field Investigator		11 ORGANIZATION E & E		12 TELEPHONE NO. 206/624-9537	
13 SITE REPRESENTATIVES INTERVIEWED Verlyn Hoff		14 TITLE Owner		15 ADDRESS 1220 South 24th Avenue Yakima, WA		16 TELEPHONE NO. 509/452-2238	
Amber Roberts		Manager		1020 South 3rd Avenue P.O. Box 10910 Yakima, WA		509/248-0924	
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17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT		18 TIME OF INSPECTION 1400-1530		19 WEATHER CONDITIONS Cold, windy			
IV. INFORMATION AVAILABLE FROM							
01 CONTACT William Glasser			02 OF (Agency/Organization) EPA, Region 10			03 TELEPHONE NO. 206/442-7215	
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Charles F. Pitz		05 AGENCY EPA-FIT	06 ORGANIZATION E & E	07 TELEPHONE NO. 206/624-9537		08 DATE 2/20/89	

POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

EPA

SITE INSPECTION REPORT

01 STATE WA 02 SITE NUMBER D040184368

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS

01	<input type="checkbox"/> A. GROUNDWATER CONTAMINATION	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: <u>~10,500</u>	04	NARRATIVE DESCRIPTION		
None known, observed, or suspected.					
01	<input type="checkbox"/> B. SURFACE WATER CONTAMINATION	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
None known, observed, or suspected.					
01	<input checked="" type="checkbox"/> C. CONTAMINATION OF AIR	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: <u>> 50,000</u>	04	NARRATIVE DESCRIPTION		
Potential discharge of perchloroethylene vapors to atmosphere from dry cleaning operation.					
01	<input type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
Perchloroethylene is not highly flammable or explosive.					
01	<input checked="" type="checkbox"/> E. DIRECT CONTACT	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: <u>unknown</u>	04	NARRATIVE DESCRIPTION		
Perchloroethylene vapors seemed abnormally strong inside of building.					
01	<input type="checkbox"/> F. CONTAMINATION OF SOIL	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	AREA POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
(Acres)					
None known or observed. Entire area around site has probably been paved since 1976 (shopping center).					
01	<input type="checkbox"/> G. DRINKING WATER CONTAMINATION	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: _____	04	NARRATIVE DESCRIPTION		
None known or observed. Site is located in area of city that is predominantly served by city water supply.					
01	<input checked="" type="checkbox"/> H. WORKER EXPOSURE/INJURY	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	WORKERS POTENTIALLY AFFECTED: <u>7</u>	04	NARRATIVE DESCRIPTION		
Perchloroethylene fumes in work area seemed abnormally strong, may pose chronic health hazard to employees. Employees also handle clothing damp with perchloroethylene during dry cleaning, indicating potential dermal exposure.					
01	<input checked="" type="checkbox"/> I. POPULATION EXPOSURE/INJURY	02	<input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03	POPULATION POTENTIALLY AFFECTED: <u>>50,000</u>	04	NARRATIVE DESCRIPTION		
Small potential for exposure to perchloroethylene for the local population via air emissions, and for worker exposure via excessive fumes in business.					

EPA

I. IDENTIFICATION

01 STATE WA	02 SITE NUMBER D040184368
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II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input type="checkbox"/> G. STATE (Specify)				
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input checked="" type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 Other
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE 1
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input checked="" type="checkbox"/> C. DRUMS, ABOVE GROUND	1	55 gal.	<input type="checkbox"/> C. CHEMICAL/PHYSICAL	06 AREA OF SITE _____ < 0.1 (Acres)
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input checked="" type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER _____ (Specify)	
<input type="checkbox"/> I. OTHER _____ (Specify)				

07 COMMENTS

Perchloroethylene in washer reservoir tank is pumped through filters, then into washer. Spin cycle of washer returns majority of perchloroethylene to tank. Perchloroethylene remaining on clothes is driven off as vapors to reclaimer. Reclaimer reliquifies perchloroethylene and returns to tank. Vapors bypassing reclaimer are then passed through a carbon-bed stripper to remove remaining perchloroethylene.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)
 A. ADEQUATE, SECURE B. MODERATE C. INADEQUATE, POOR D. INSECURE, UNSOUND, DANGEROUS

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

Perchloroethylene is supplied approximately twice monthly by Seattle supplier. Supplier pumps fresh perchloroethylene into 55-gallon steel drum. This drum is located on a wooden platform/loft approximately 8 feet above the dry cleaner/reclaimer. The drum was resting partially over the edge of the loft, with no spill containment provisions. The drum was covered with a lid, a hose from the drum gravity fed the washer reservoir tank. The reservoir tank is covered by a loose fitting lid, allowing volatilization of perchloroethylene into work area.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: YES NO
 02 COMMENTS
 No contained waste is currently present on site.

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

- E & E Screening Site Inspection, January 31, 1989, Southgate Laundry and Dry Cleaning.

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POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

EPA

SITE INSPECTION REPORT

01 STATE WA 02 SITE NUMBER D040184368

PART 7 - OWNER INFORMATION

II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME Verlyn Hoff	02 D+B NUMBER	08 NAME N/A	09 D+B NUMBER				
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.) 1220 South 24th Avenue	04 SIC CODE	10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	11 SIC CODE				
05 CITY Yakima	06 STATE WA	07 ZIP CODE 98902	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER				
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	04 SIC CODE	10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	11 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER				
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	04 SIC CODE	10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	11 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER				
03 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	04 SIC CODE	10 STREET ADDRESS (P.O. BOX, RFD #, ETC.)	11 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE		
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (If applicable; list most recent first)			
01 NAME Murphy Still	02 D+B NUMBER	01 NAME Noel Canning Corporation	02 D+B NUMBER				
03 STREET ADDRESS (P.O. Box, RFD #, etc.) Unknown	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.) 1001 South 1st Street	04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	05 CITY Yakima	06 STATE WA	07 ZIP CODE 98901		
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE		
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER				
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE				
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE		

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

1. E & E Screening Site Inspection, January 31, 1989, Southgate Laundry and Dry Cleaning.

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POTENTIAL HAZARDOUS WASTE SITE

EPA

SITE INSPECTION REPORT

PAR. 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE WA	02 SITE NUMBER D140184368
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II. ON-SITE GENERATOR

01 NAME N/A		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	

III. OFF-SITE GENERATOR(S)

01 NAME N/A		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

IV. TRANSPORTER(S)

01 NAME N/A		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

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

1. E & E Screening Site Inspection, January 31, 1989, Southgate Laundry and Dry Cleaning.

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POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

EPA

SITE INSPECTION REPORT

01 STATE WA 02 SITE NUMBER D040184368

PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

II. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

 A. 10^{-6} - 10^{-8} cm/sec B. 10^{-4} - 10^{-6} cm/sec C. 10^{-4} - 10^{-3} cm/sec X D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

 A. IMPERMEABLE (Less than 10^{-6} cm/sec) B. RELATIVELY IMPERMEABLE (10^{-4} - 10^{-6} cm/sec) X C. RELATIVELY PERMEABLE (10^{-2} - 10^{-4} cm/sec) D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

 > 750 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

 none (ft)

05 SOIL pH

 unknown

06 NET PRECIPITATION

 -22 (in)

07 ONE-YEAR 24-HOUR RAINFALL

 0.88 (in)

08 SLOPE SITE SLOPE

 < 3 %

DIRECTION OF SITE SLOPE

 east-southeast

TERRAIN AVERAGE SLOPE

 < 3 %

09 FLOOD POTENTIAL

SITE IS IN 100-500 YEAR FLOODPLAIN

10

 N/A SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5-acre minimum)

ESTUARINE

A. > 5 (mi)

OTHER

B. > 1 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

 N/A (mi)

ENDANGERED SPECIES: none

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. < 0.1 (mi)

RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES

B. < 0.1 (mi)

AGRICULTURAL LANDS PRIME AG LAND

AG LAND

C. (mi) D. ~ 0.7 (mi)

4 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site lies on a gently sloping floodplain approximately 2 miles west of the Yakima River.

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

1. Ecology Well Logs.
2. USGS 7.5 Minute Topographic Quadrangles: Yakima East, Yakima West, photo revised 1974.
3. Climatic Atlas of U.S., 1968, NOAA.
4. Precipitation Frequency Atlas of the Western U.S., 1973, Vol IX, NOAA.
5. Soil Survey of the Yakima County Area, Washington, SCS, 1985.
6. U.S. Army Corps of Engineers, 1978, Yakima Valley Regional Water Management Study, Vol. IV.

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POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

EPA

SITE INSPECTION REPORT

01 STATE WA	02 SITE NUMBER D040184368
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PART 6 - SAMPLE AND FIELD INFORMATION

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
	No environmental samples or field data were collected for this SSI.

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF <u>Ecology and Environment, Inc. (E & E)</u> (Name of organization or individual)
03 MAPS <input type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

In partial support of the Southgate's Screening Site Inspection (SSI), a soil gas sampling project was conducted in the Yakima area during the summer of 1989. A full discussion of the results of this study and their significance to the Southgate's SSI can be found in the Yakima Soil Gas Study Final Report (E & E 1989, TDD F10-8806-01 through F10-8806-07).

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

1. E & E Screening Site Inspection, January 31, 1989, Southgate Laundry and Dry Cleaning.

This document was part of the official
Administrative Record for the Yakima
Railroad Area on October 31, 1990.
Washington State
Department of Ecology.

POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

EPA

SITE INSPECTION REPORT

01 STATE WA	02 SITE NUMBER D040184368
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PART 10 - PAST RESPONSE ACTIVITIES

II. PAST RESPONSE ACTIVITIES (Continued)

01	R. BARRIER WALLS CONSTRUCTED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	S. CAPPING/COVERING	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	T. BULK TANKAGE REPAIRED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	U. GROUT CURTAIN CONSTRUCTED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	V. BOTTOM SEALED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	W. GAS CONTROL	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	X. FIRE CONTROL	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	Y. LEACHATE TREATMENT	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	Z. AREA EVACUATED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	1. ACCESS TO SITE RESTRICTED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	2. POPULATION RELOCATED	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		
01	3. OTHER REMEDIAL ACTIVITIES	02 DATE	03 AGENCY
04	DESCRIPTION		
	None		

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

- E & E Screening Site Inspection, January 31, 1989, Southgate Laundry and Dry Cleaning.

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