NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION

130057

SITE INVESTIGATION INFORMATION

1. SITE NAME	2. SITE NUMBER	3. TOWN/CITY/VILLAGE	4. COUNTY
Cherry Lane Lithography	130057	Plainview/Oyster Bay	Nassau

5. REGION	6. CLASSIFICATION
1	CURRENT 4 PROPOSED D2 MODIFY

7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)

a. Quadrangle Huntington

b. Site Latitude _40_° _47_' _17_" Site Longitude _73_° _28_' _03_"

c. Tax Map Numbers Section 13, Block 83, Lot 48

d. Site Street Address 30 Commercial Court, Plainview, NY 11803

8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)

Cherry Lane Lithography was formerly located at 30 Commercial Court in Plainview. They discharged lithographic plate rinse water and photopolymers to their leaching pools for approximately 25 years. Subsequently, all four cesspools were pumped out, cleaned and filled. 850 tons of stained soils were removed from pool #1. Some contaminated soil was not removed due to physical limitations presented during the excavation. Subsequent investigation and monitoring has shown that the contamination remaining is at inconsequential levels. The consultant has proposed that the area be repaved to minimize infiltration of runoff. It was recommended by the Nassau County Department of Health and by the DEC that an impermeable layer of bentonite be installed prior to the paving to even further minimize the infiltration of runoff. It should be noted that this was a recommendation and not a remedial requirement. No further remediation or monitoring is necessary.

a. Area _<1____ acres b. EPA ID Number _____

c. Completed ( )Phase I ( )Phase II ( ) PSA ( )RI/FS ( )PA/SI (x)Other

9. HAZARDOUS WASTE DISPOSED (Include EPA Hazardous Waste Numbers)

Trichloroethylene (F002)
Tetrachloroethylene (F002)
Toluene(F005)
Ethylbenzene (F003)
Xylene (F003)

10. ANALYTICAL DATA AVAILABLE

a. ( )Air (x)Groundwater ( )Surface Water ( )Sediment (x)Soil (x)Waste ( )Leachate ( )EPTox ( )TCLP

b. Contravention of Standards or Guidance Values

At 6-17 ppm, xylene is present in soil at a levels exceeding the Recommended Soil Cleanup Objective of 1.2 ppm for xylene.

11. CONCLUSION

Groundwater and soil sampling has revealed that the minor amount of contamination in the soil is at inconsequential levels. There has been no impact to groundwater and the possibility of direct contact is remote since the contaminated soil is 20-25 feet below the ground surface. A bentonite and asphalt cap will minimize/eliminate possible infiltration. No further remedial action or monitoring is required.

12. SITE DATA

a. Nearest Surface Water: Distance _____ft. Direction _____ Classification _____

b. Nearest Groundwater: Depth ___75___ft. Flow Direction ____S_____ (x)Sole Source ( )Primary ( )Principal

c. Nearest Water Supply: Distance _____ft. Direction _____ Active ( )Yes ( )No

d. Nearest Building: Distance ___0___ft. Direction _____on-site_____ Use __vacant_____

e. In State Economic Development Zone?	( )Y	(x)N	i. Controlled Site Access?	( )Y	(x)N
f. Crops or livestock on site?	( )Y	(x)N	j. Exposed hazardous waste?	( )Y	(x)N
g. Documented fish or wildlife mortality?	( )Y	(x)N	k. HRS Score ___n/a_____		
h. Impact on special status fish or wildlife resource?	( )Y	(x)N	l. For Class 2: Priority Category ___n/a_____		

13. SITE OWNER'S NAME	14. ADDRESS	15. TELEPHONE NUMBER
William Citterbart	1478 Old Country Road, Plainview, NY 11803	

16. PREPARER	17. APPROVED
Signature 3/30/95 Date	Signature Date
Elaine M. Zuk, EG2, DHWR, BHSC	
Name, Title, Organization	Name, Title, Organization

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION 3/30/95
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: D2 REGION: 1 SITE CODE: 130057
EPA ID:

NAME OF SITE : Cherry Lane Lithography
STREET ADDRESS: 30 Commercial Court

TOWN/CITY:	COUNTY:	ZIP:
Plainview	Nassau	11803

SITE TYPE: Open Dump- Structure- Lagoon- Landfill- Treatment Pond-
ESTIMATED SIZE: 1 Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER NAME....: Cherry Lane Lithographing Corp.
CURRENT OWNER ADDRESS.: 1478 Old Country Road, Plainview, NY
OWNER(S) DURING USE...: Cherry Lane Lithographing Corp.
OPERATOR DURING USE...: Cherry Lane Lithographing Corp.
OPERATOR ADDRESS.....: 30 Commercial Court, Plainview, NY
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1965 To 1990

SITE DESCRIPTION:
Four leaching pools were used on site for the disposal of waste water for approximately 25 years.
Significant levels of contamination were noted in the primary leaching pool when the on-site septic system was being closed in 1990. The site was remediated at the direction of the Nassau County Department of Health. Due to physical limitations, the excavation was unable to remove all of the contaminated soil. Of the compounds remaining in the soil, only xylene (17,000 ppb) exceeds the recommended soil cleanup objective of 1,200 ppb.
A groundwater monitoring well was installed. The area of contamination was capped with a clay layer and asphalt.
The results of groundwater monitoring conducted at this site revealed no groundwater contamination. Residual contamination remain in soils, but the contamination that remains has been determined to be of an inconsequential nature. This site has been properly remediated.

HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY (units)
xylene, ethylbenzene (F003 Waste)	unknown
toluene (F005 Waste)	unknown
perchlorethene, (F002 Waste)	unknown
trichloroethene (F002 Waste)	unknown
trichloroethane (F002 Waste)	unknown

SITE CODE: 130057

ANALYTICAL DATA AVAILABLE:
Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:
Groundwater- Drinking Water- Surface Water- Air-

LEGAL ACTION:

TYPE..: State- Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress- Completed-X
NATURE OF ACTION: removal of cesspool and contaminated soil

GEOTECHNICAL INFORMATION:
SOIL TYPE: sand
GROUNDWATER DEPTH: 75 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

A majority of the contaminated soil was removed, however due to physical constraints, excavation of all the stained soil was not possible. It has been determined that the contamination remaining poses no threat to public health or the environment. There are no environmental problems remaining at this site associated with the disposal of hazardous waste.

ASSESSMENT OF HEALTH PROBLEMS:

Direct contact with contaminants at this site is unlikely since the contamination is sub-surface. The August 1994 Groundwater investigation did not reveal any impacts on groundwater.

TABLE 1

Residual Contamination Compared to Cleanup Objectives
Values in ppb

	SAMPLE DEPTH			
COMPOUND	22'	30-40'	70'	RSCO
TCE	.24	ND	ND	700
PCE	.154	ND	ND	1,400
Toluene	330	ND	ND	1,500
Ethylbenzene	1,400	ND	ND	5,500
Total Xylenes	17,000	ND	ND	1,200

ND = not detected

All of the contaminants except one (xylenes) are well below the Recommended Soil Cleanup Objectives. These RSCO's are generic values designed to protect groundwater quality. All of the compounds of concern drop off to non-detectable below the bottom of the excavation. Based on the depth to groundwater (50 feet below the bottom of the residual contamination) these values are expected to be protective of groundwater with a wider margin for error than intended. Additionally, the total xylenes remaining are below the Human Health Guidance Value for total xylenes of 2.0×10^8 ppb.

Due to the remote nature of the residual contamination, (below 20+ feet of clean fill) and due to the depth of the water table, the remediation is considered to be adequate for this location. It is recommended, as stated previously, that the area of the excavation be paved with asphalt and that the asphalt "cap" be supplemented with a four inch bentonite layer or other low permeability liner to minimize the infiltration of precipitation and run-off. Additionally, since the level of xylenes still present at the site after the excavation of the contaminated soil is well above the recommended cleanup objective of 1.2 ppm, at least one monitoring well should be installed and a monitoring program established. The monitoring well will ensure the protection of groundwater from any possible future migration of contaminants from the site.