

SITE INVESTIGATION INFORMATION

1. SITE NAME Former Tishcon Corp. (68 Kinkel St.)		2. SITE NUMBER 130043F	3. TOWN/CITY/VILLAGE New Cassel	4. COUNTY Nassau
5. REGION 1 (Long Island)	6. CLASSIFICATION CURRENT PROPOSED: 2 MODIFY			
7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location)				
a. Quadrangle: Hicksville				
b. Site Latitude: 40 ° 45 ' 23.2 " N Site Longitude: 73 ° 33 ' 48.6 " W				
c. Tax Map Numbers: Section 11, Block 76, Lots 9-12.				
d. Site Street Address: 68 Kinkel Street, Westbury, NY 11590				
8. BRIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations)				
This property is located on Kinkel Street just below Main Street in the New Cassel Industrial Area. The former occupant of this site used to manufacture dietary supplements at this location, as well as several other locations in the industrial park. Chemicals such as 1,1,1 trichloroethane were used as part of this process. According to Nassau County Dept. of Health records, Tishcon used 1,650 gallons of 1,1,1 trichloroethane per year at this location. A 1994 site inspection by NYSDEC revealed a likely abandoned leachpool location in the alley behind the building. Subsequent downgradient groundwater sampling found 1,1,1 trichloroethane and 1,2 dichloroethylene well above standards.				
a. Area : 0.25 acres b. EPA ID Number _____				
c. Completed: ()Phase I ()Phase II (X) PSA ()RI/FS ()PA/SI ()Other				
9. HAZARDOUS WASTE DISPOSED (Include EPA Hazardous Waste Numbers)				
- 1,1,1 trichloroethane (EPA ID# F002)				
10. ANALYTICAL DATA AVAILABLE				
a. ()Air (X)Groundwater ()Surface Water ()Sediment ()Soil ()Waste ()Leachate ()EPTox ()TCLP				
b. Contravention of Standards or Guidance Values				
- 1,1,1 trichloroethane: 450 ppb in groundwater; 5 ppb standard (TOGS 1.1.1)				
- 1,2 dichloroethylene: 340 ppb in groundwater; 5 ppb standard (TOGS 1.1.1)				
- 1,1 dichloroethane: 150 ppb in groundwater; 5 ppb standard (TOGS 1.1.1)				
11. CONCLUSION				
<i>Past site operations have contaminated groundwater beneath the site with 1,1,1 trichloroethane. The contaminated groundwater is located within an EPA-designated sole-source aquifer. The contaminant plume that is partially emanating from the site has migrated approximately 700 feet downgradient. Two public water supply wells are located approximately 1,550 feet downgradient of the site. Thus, this site poses a significant threat to the public health and the environment. Therefore, the site should be listed as a Class 2 in the NYS Registry of Inactive Hazardous Waste Disposal Sites.</i>				
12. SITE DATA				
a. Nearest Surface Water: Distance: 6 mi.		Direction: NW		Classification: SB (Hempstead Bay)
b. Nearest Groundwater: Depth: 50 ft.		Flow Direction: SW		(X)Sole Source ()Primary ()Principal
c. Nearest Water Supply: Distance: 1,550 ft.		Direction: South		Active: (X)Yes ()No
d. Nearest Building: Distance: ----		Direction: Onsite		Use: Industrial
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: 2	
13. SITE OWNER'S NAME Mr. Thomas Garguilo, Jr.		14. ADDRESS 65 Kinkel Street, Westbury, NY 11590		15. TELEPHONE NUMBER
16. PREPARER <i>David K. Harrington</i> 3/6/95 Signature Date David K. Harrington, Environmental Engineer 1, EIS, BHSC, DHWR, NYSDEC Name, Title, Organization		17. APPROVED <i>John B. Swartwout</i> 3/9/95 Signature Date <i>John B. Swartwout, Chief, Eastern Investigation Sec</i> Name, Title, Organization		

1/13/95

CLASSIFICATION WORKSHEET

Site: Former Tishcon Corp.

County: Nassau

Region: 1

1. Hazardous waste disposed? ☒ Y (to 2) ☐ N (Stop) ☐ U (Stop)

2. Consequential amount of hazardous waste? ☒ Y (to 3) ☐ N (Stop) ☐ U (Stop)

3. Part 375-1.4(a)(1) applies? ☒ N (to 4) ☐ U (to 4)
☐ Y (as checked below; Class 2; to 5)

☐ a. endangered or threatened species

☐ d. fish, shellfish, crustacea or wildlife

☐ b. streams, wetlands or coastal zone

☐ e. fire, spill, explosion or toxic reaction

☐ c. bioaccumulation

☐ f. proximity to people or water supplies

4. Part 375-1.4(a)(2) applies? ☐ N (Cl 3; Stop) ☐ U (Cl 2a; Stop)

☒ Y (Class 2; to 5): Past site operations have contaminated groundwater beneath the site with 1,1,1 trichloroethane. This contamination is contributing to a plume of contaminated groundwater that is ~ 1,300 feet long.

5. Factor(s) considered in making this determination:

d. Nature of Soils: Due to its location (Long Island), the site is most likely underlain by deposits of sand and gravel.

g. Level of Contaminants: 1,1,1 trichloroethane - 450 ppb in groundwater
1,2 dichloroethylene - 340 ppb in groundwater
1,1 dichloroethane - 150 ppb in groundwater

i. Extent of Migration: Contamination at the site has reached the water table, and has contributed to a plume of contaminated groundwater that extends at least 700 feet downgradient of the site.

j. Proximity of Site: Due to its location (Long Island), the site overlies an EPA-designated sole-source aquifer.

SUMMARY

Consequential Hazardous Waste ☒ Yes ☐ No ☐ Unknown

Significant Threat ☒ Yes ☐ No ☐ Unknown

Proposed Classification: 2

Site Number: 130043F

Date: March 8, 1995

Preparer: David R. Daughton
Title: Environmental Engineer 1

NEW YORK STATE DEPARTMENTS OF ENVIRONMENTAL CONSERVATION AND HEALTH
INACTIVE HAZARDOUS WASTE DISPOSAL SITE PRIORITY RANKING WORKSHEET

SITE I.D.: 130043F

SITE NAME: Former Tishcon Corp.

- ° **Priority I** - Sites for which remediation should supersede all other Class 2 sites. Priority I can be assigned if any one of the following questions can be answered affirmatively.

- | | | |
|---|--------------------------|--|
| a) Has a public or private water supply which is currently in use been contaminated or threatened?..... | <input type="checkbox"/> | <input type="checkbox"/> (1)
[If 1 or more boxes are checked, check this box] |
| b) Has human exposure to contaminants (or the potential for exposure) been identified which represents a significant health risk as determined by DOH?..... | <input type="checkbox"/> | |
| c) Has bioaccumulation of site contaminants in flora or fauna resulted in a health advisory?..... | <input type="checkbox"/> | |
| d) Are site contaminants present at levels that are acutely toxic to fish or wildlife or that have caused documented fish or more wildlife mortality?..... | <input type="checkbox"/> | |

- ° **Priority II** - Important Sites. Priority II will be assigned if any of the following questions can be answered affirmatively.

- | | | |
|---|---------------------------------------|---|
| a) Has a Class A or AA surface water body or a principal aquifer been contaminated or threatened without affecting an existing water supply?..... | <input checked="" type="checkbox"/> X | <input checked="" type="checkbox"/> (2)
[If 1 or more boxes are checked, check this box] |
| b) Has bioaccumulation of site contaminants in flora or fauna resulted in actionable levels (but not a health advisory)?.... | <input type="checkbox"/> | |
| c) Are contaminants at levels chronically toxic to fish/wildlife?..... | <input type="checkbox"/> | |
| d) Have endangered, threatened or rare species, significant habitats, designated coastal zone or regulated wetlands been impacted by releases from the site?..... | <input type="checkbox"/> | |

- ° **Priority III** - will be assigned unless one or more of the site prioritization criteria, specified above, apply to a site. After remedial needs for Priority I and II sites have been accommodated, remediation of sites under this category can be considered. If priority III, check box 3.

☐ (3)

Enter the number of the priority box checked 1, 2, or 3 here.....
This is the site's priority rank.

☐ 2 (4)

FACTORS

IJC Factor - If the site has been identified by the International Joint Commission (IJC) as a component in a remedial action plan, subtract (1) from the value in box 4 and enter the result in box 5.....

☐ (5)

Yes No

EDZ Factor - If the site is within a New York State designated Economic Development Zone (EDZ) should this fact cause the site priority to be raised?..

☐ ☐

Community Support Factor - If the site has been targeted for local government-supported development by a developer willing to sign a consent order with DEC finance investigation and remediation should this fact cause the site priority to be raised?.....

Yes No

☐ ☐

If either "yes" box is checked, subtract 1 from the value in box 4 and enter the result into box 6. If "no" is checked, the value in box 6 equals box 4 (or box 5 if applicable). If both IJC and EDZ/Community Support factors apply, only 1 (not 2) will be subtracted from the value in box 4. The resultant value in box 6 will never be less than 1.....

☐ (6)

Yes No

IRM NOTE: Should this site be considered a candidate for an Interim Remedial Measure (IRM) as defined by 6NYCRR Part 375-1.3n?.....

☐ ☒ X

If "yes", please explain why:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2 REGION: 1 SITE CODE: 130043F
EPA ID:

NAME OF SITE: Former Tishcon Corporation (68 Kinkel Street)

STREET ADDRESS: 68 Kinkel Street

TOWN/CITY: Westbury

COUNTY: Nassau

ZIP: 11590

SITE TYPE: Open Dump- Structure-X Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.25 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME....: Mr. Thomas Garguilo, Jr.

CURRENT OWNER ADDRESS.: 65 Kinkel Street, Westbury, NY 11590

OWNER(S) DURING USE....:

OPERATOR DURING USE....: Tishcon Corporation

OPERATOR ADDRESS.....: 29 New York Avenue, Westbury, NY 11590

PERIOD ASSOCIATED WITH HAZARDOUS WASTE: from 1982 to 1983

SITE DESCRIPTION:

Site Latitude: 40° 45' 23.2" N

Longitude: 73° 33' 48.6" W

Site Topography: Flat

Area: Industrial Park

Nearest Surface Water Body: 6 mi. NW (Hempstead Bay)

Nearest Water Supply Well: 1,550 ft. south

This property is located on Kinkel Street just below Main Street in the New Cassel Industrial Area. The former occupant of this site used to manufacture dietary supplements at this location, as well as several other locations in the industrial park. Chemicals such as 1,1,1 trichloroethane were used as part of this process. According to Nassau County Dept. of Health records, Tishcon used 1,650 gallons of 1,1,1 trichloroethane per year at this location. A 1994 site inspection conducted by NYSDEC revealed a likely abandoned leachpool location in the alley behind the building. Subsequent downgradient groundwater sampling found 1,1,1 trichloroethane and 1,2 dichloroethylene well above standards.

HAZARDOUS WASTE DISPOSED: CONFIRMED: X

SUSPECTED

TYPE

QUANTITY (units)

-> 1,1,1 trichloroethane (EPA ID# F002)

unknown

Table 2-5
Groundwater Analytical Data (April 1996)
Focused Remedial Investigation
68 Kinkel Street - Former Tishcon Site
North Hempstead, New York

Analyte	CRQL	CLASS	USEPA	USEPA	DOAK	DOAK	DOAK	DOAK	MW-201	MW-201 DUP	MW-202	MW-203
TOL Volatile Organic Compounds (µg/L)		GA ²	MCL ³	MCL ³	MW-1	MW-1 DUP	MW-2	MW-3				
Acetone	10	50 G	NS	NS	NS	NS	NS	NS	7 J	NS	NS	NS
Chloroethane	10	50 G	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	5	50 G	5	5	11	10	9 J	120	2 J	1 J	5 J	19
Tetrachloroethene	5	50 G	5	5	52	47	19	28	5 J	5 J	15	14
Toluene	5	50 G	1000	1000	NS	NS	NS	NS	2 J	2 J	NS	2 J
Total Xylenes	5	50 G	10000	10000	NS	NS	NS	NS	1 J	1 J	NS	3 J
1,1-Dichloroethene	5	50 G	7	7	11	10	8 J	NS	NS	NS	2 J	1 J
1,2-Dichloroethene	5	50 G	70/100*	70/100*	4 J	4 J	5 J	NS	1 J	1 J	13	99
1,1-Dichloroethane	5	50 G	NS	NS	8 J	7 J	20	3 J	NS	NS	NS	10
1,2-Dichloroethane	5	50 G	5	5	5 J	4 J	NS	370 J	NS	NS	62	10
1,1,1-Trichloroethane	5	50 G	200	200	97	92	110	21	2 J	2 J	89	33
TOL Semivolatile Organic Compounds (µg/L)												
bis(2-Ethylhexyl)phthalate	10	50	6	6	3 J	3 J	4 J	NS	1 J	2 J	2 J	6 J
butyl benzylphthalate	10	50 G	(100)	(100)	NS	NS	NS	NS	NS	1 J	NS	6 J
Di-n-butylphthalate	10	50	NS	NS	NS	NS	NS	NS	1 J	1 J	1 J	1 J
TAL Inorganic Analytes (µg/L)												
Aluminum	200	NS	50-200 S	NS	829 J	2220 J	138 J	769 J	624 J	571 J	166 J	1430 J
Arsenic	10	25	50	2000	NS	7.3 J	NS	NS	NS	4 J	NS	5.1 J
Barium	200	1000	2000	NS	184 J	201	47.4 J	45.4 J	108 J	115 J	90.3 J	68.1 J
Beryllium	5	3 G	4	4	0.13 J	0.22 J	0.12 J	NS	0.36 J	0.22 J	NS	NS
Cadmium	5	10	5	5	0.23 J	NS	NS	NS	NS	0.47 J	0.33 J	0.61 J
Calcium	5000	NS	NS	NS	10300	10900	5220 J	7080	15500	16500	13500	29100
Chromium	10	50	100	100	2.5 J	5 J	1.1 J	1.4 J	2.5 J	3.4 J	5.2 J	58.2
Cobalt	50	NS	NS	NS	NS	0.81 J	1.6 J	0.71 J	2.4 J	2.9 J	2.5 J	5.2 J
Copper	25	200	1300 TT	1300	2.5 J	5.5 J	3.7 J	3.5 J	NS	1.9 J	NS	5.2 J
Iron	100	300	300 S	NS	1820 J	6090 J	85 J	1190 J	1100	968	351	4170 J
Lead	3	25	15 TT	0	1.3 J	3.3	NS	1.7 J	1 J	2.9 J	NS	4.7 J
Magnesium	5000	35000 G	NS	NS	4950 J	5290	2880 J	2960 J	10700	11400	7350	10100
Manganese	15	300	50 S	NS	352	391	35.1	12.1 J	311	330	81.6	703
Mercury	0.2	2	2	2	0.24 J	0.27 J	0.18 J	0.17 J	NS	NS	NS	NS
Nickel	40	NS	100	NS	6.2 J	7.1 J	2.8 J	NS	4.5 J	4.9 J	103 J	45.7 J
Potassium	5000	NS	NS	NS	3420 J	3570 J	3000 J	1880 J	3750 J	3630 J	2670 J	4930 J
Silver	10	50	100 S	NS	NS	NS	NS	NS	NS	1.8 J	NS	1.8 J
Sodium	5000	200	NS	NS	41500	43200	9120	9920	40200 J	41600 J	9660	25200 J
Thallium	10	4 G	2	0.5	9.7 J	6.2 J	NS	NS	7.8 J	NS	NS	NS
Vanadium	50	NS	NS	NS	4.2 J	13.5 J	NS	2.7 J	1.5 J	1.4 J	NS	8.7 J
Zinc	20	30	5000 S	NS	14 J	14.3 J	9.4 J	13.2 J	19.1 J	21.7	57.3	17.5 J
Cyanide	10	100	200	200	NS	NS	2 J	NS	NS	NS	NS	NS

Notes:
 1 Only compounds that were detected in the sample are listed.
 2 New York State Class GA groundwater quality standards (NYCRR Parts 700-705, October 1993).
 3 U.S. Environmental Protection Agency MCLs and MCLGs from "Drinking Water Regulations and Health Advisories" USEPA Office of Water, May 1995.
 When both iron and manganese are present, the Class GA Standard for the total of both compounds is 500 µg/L.
 Shading denotes compound/analyte detected at concentration(s) greater than applicable state and/or federal standards.
 * Shading indicates the compound/analyte was detected at concentrations greater than applicable state and/or federal standards.
 - - not detected
) 70/100 values reflect cis-1,2-dichloroethene/trans-1,2-dichloroethene
) MCLs and MCLGs in parentheses are proposed
) Contract Required Detection Limit (inorganics)
) Contract Required Quantitation Limit (organics)
) duplicate sample
) J
) MCLG
) NS
) S
) TAL
) TCL
) TT
) µg/L