IL-0264-05

EPA

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

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000672139

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
ESCAST INC.	21 N. Church St.

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Addison	IL	60101	DuPage	043	06

09 COORDINATES LATITUDE	LONGITUDE
41° 55' 40.0"	087° 59' 30.0"

10 TYPE OF OWNERSHIP (Check one)
☒ A. PRIVATE ☐ B. FEDERAL ____ ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER ____ ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
09 18 84 (MONTH DAY YEAR)	☒ ACTIVE ☐ INACTIVE	Unknown (BEGINNING YEAR) / Present (ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☒ B. EPA CONTRACTOR Ecology and Environment Inc (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ____ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR ____ (Name of firm) ☐ G. OTHER ____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO
Dan Cozza	Biologist	Ecology + Environment	(312) 663-9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Ron St. John	Hydrologist	Ecology + Environment	(312) 663-9415
James K. Wiggins	Environmental Protection Specialist	Illinois Environmental Protection Agency	(312) 345-9780
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Bennie M. Laughter	General Counsel Secretary	ESTRONICS INC. 711 Jorie Blvd Suite 270 Oak Brook IL 60521	(312) 655-6617
Jerrie Brown	Vice President Manufacturing	21 N. Church St.	(312) 543-6500
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	8:30 Am	Sunny high 60's

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
James Wiggins	Illinois EPA	(312) 345-9780

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Daniel S. Cozza	—	Ecology + Environment	312 663 9415	9 18 84 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA Region 5 Records Ctr.
323940

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006 72139

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

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

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

TONS _____
CUBIC YARDS 15 / 5-6 weeks
NO. OF DRUMS 8-15 / 90 days

03 WASTE CHARACTERISTICS (Check all that apply)

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

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	AVERAGE OF 15 DRUMS	shipped offsite for disposal every 90 days	1-1-1 trichloroethane 17-18% concentrate
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	15 cu yds every	5-6 weeks of	
IOC	INORGANIC CHEMICALS	15 cu yds every	5-6 weeks of	sodium hydroxide sludge - solid.
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

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

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	1-1-1 trichloroethane	79-00-5	Surface impoundment	5	ppm
IOC	Sodium hydroxide	1310-73-2	Dumpsters to landfill		

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	Methylene Chloride	75-09-2	FDS	Isopropyl alcohol	67-63-0
FDS	Muratic Acid	7647-01-0	FDS		
FDS	Sulfuric Acid	7664-93-9	FDS		
FDS	1-1-1 trichloroethane	79-00-5	FDS		

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

On-site inspection 9/18/84

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006072139

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 25,000 — 04 NARRATIVE DESCRIPTION

Groundwater contamination is a likely possibility due to surface impoundment in which 1-1-1 trichloroethane was poured, showed contamination of the sand bottom of up to 5ppm of trichloroethane. Escast claims that 1-1-1-trichloroethane was inadvertently poured in the impoundment only once - the day prior to sampling and that the 55 gallon drum was only 17-18% trichloroethane. It is possible that this may have been common practice. SEE PART 11 - ENFORCEMENT ACTION

01 ☒ B. SURFACE WATER CONTAMINATION — 02 ☒ OBSERVED (DATE: 11-17-83) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN — 04 NARRATIVE DESCRIPTION

Samples taken by IEPA of the Escast discharge prior to entering Salt Creek via a storm sewer showed 1400 ppb of 1,1,1-trichloroethane, 2700 ppb of dichloroethylene, 570 ppb of methylene chloride, 250 ppb 1-1, dichloroethane, 99 ppb 1-2 dichloroethane, 160 ppb toluene, and 740 ppb acetone.

01 ☐ C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

N/A

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

N/A

01 ☒ E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 7440 1 mile — 04 NARRATIVE DESCRIPTION

Even though site is surrounded by a locked 8' fence, 1,1,1-trichloroethane is now stored at the eastern most edge of the property - abutting the fence. Any spills can leave the fenced area and onto the old railroad right-of-way which is easily accessible to the general public. Salt Creek is also easily accessible but discharges to the creek have ceased.

01 ☒ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: <1 (Acres) — 04 NARRATIVE DESCRIPTION

Dredging, from the on-site surface impoundment were used to fill in areas around the impoundment. Escast will have the soil tested when their closure plan is approved by IEPA

01 ☒ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 25,000+ — 04 NARRATIVE DESCRIPTION

The city of Addison receives its drinking water from the quarternary aquifer with screens placed from 55-250'. Addison's ground water wells are within 3 miles of the site

01 ☒ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 100 — 04 NARRATIVE DESCRIPTION

No injuries due to the waste products but potential exists due to ease of accessibility of wastes within the fenced work yard.

01 ☒ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — ☒ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 7440 1 mile — 04 NARRATIVE DESCRIPTION

Potential due to ground water and surface water contamination potentials

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D000672139

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Potential due to discharge to Salt Creek but none noted during 9/18/84 inspection - Discharge to Creek has ceased as of 2/84.

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
Potential due to discharge to Salt Creek, but none noted during 9/18/84 inspection. Discharge to Creek has ceased as of 2/84

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Dependent on J + K above.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☒ OBSERVED (DATE: 11-17-83) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 25,000+ — 04 NARRATIVE DESCRIPTION
observed release in the discharge from Escast into Salt Creek via a storm sewer - Also potential unstable containment within the surface impoundment. If groundwater is found to be contaminated. SEE ENFORCEMENT PART II

01 ☐ N. DAMAGE TO OFF SITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Potential due to discharge into Salt Creek via a storm sewer - Also dependent on groundwater potential

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☒ OBSERVED (DATE: 11-17-83) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Storm sewer which serves as Escasts discharge tributary to Salt Creek was found to have organic solvents in the ppb range. Also potential exists if present waste storage (1,1,1-trichloroethane in drums) spills it may reach a sewer within the paved area that the drums are stored in.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☒ OBSERVED (DATE: 4/30/84) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
Escast, at least once, poured 1,1,1-trichloroethane into an on-site lagoon. - Samples taken on 4/30/84 showed up to 108 ppb of 1,1,1 trichloroethane in the surface impoundment water.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
Besides the 1,1,1 trichloroethane problem, the site also has sodium hydroxide sludge/solid on-site - accumulating about 15 cu yds every 5/6 weeks. Also pickling bath solution waste water with pH around 9-10 is now temporarily stored in 2 on-site pools instead of the lagoon - prior to disposal in an off-site location.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 93,944 3 mile radius

IV. COMMENTS
Escast claims that the IEPA's discharge samples are questionable since the compounds found are not amongst Escasts waste stream and Escast's consultant could not reproduce the sample results

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
On-site inspection on 9/18/84 w/ interview with Blaugher + J. Brown.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006072139

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☒ A. NPDES	0038474	unknown		Discharge to Salt Creek from the lagoon ceased 2/84
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☒ A. SURFACE IMPOUNDMENT	150,000	gallons
☐ B. PILES		
☒ C. DRUMS, ABOVE GROUND	8-15	drums
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)
- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify) N/A

05 OTHER
- ☒ A. BUILDINGS ON SITE

06 AREA OF SITE: 3-4 (Acres)

07 COMMENTS
The surface impoundment dimensions are 40' x 100' x 6'
Drums above ground at the time of inspection 9/18/84 - 8 drums of 1,1,1-trichloroethane were stored on site - an average of 15 drums are disposed of every 90 days

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE	DRUMS ☒ B. MODERATE	Lagoon ☒ C. INADEQUATE, POOR	☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.
Drums are in good condition but are not in a location that would protect against spills or leaks from migrating off-site

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS Site is fenced + locked - fence is 8' high

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

On-site inspection 9/18/84

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D006672139

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ☐	B. ☒
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☒	B. ☐	C. ☒
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE

A. 1-2 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING
☒ B. DRINKING (Other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available)
☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available)
☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 25,000+

03 DISTANCE TO NEAREST DRINKING WATER WELL 1-2 (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURCE AQUIFER
Unknown (ft)	Unknown	55' (ft)	4,500,000 total (gpd)	☐ YES ☒ NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

The city of Addison has eight wells ranging in deth from 55' to 250'

10 RECHARGE AREA

☐ YES
☐ NO

COMMENTS: Unknown

11 DISCHARGE AREA

☐ YES
☐ NO

COMMENTS: Unknown

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE
☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES
☒ C. COMMERCIAL, INDUSTRIAL
☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Salt Creek	☒	1/2 - 1 (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN Estimates 1980 populations

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. 7440	B. 47218	C. 93944
NO. OF PERSONS	NO. OF PERSONS	NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION < 1/4 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 12425 — 47218 / 3.8

04 DISTANCE TO NEAREST OFF-SITE BUILDING < 1/4 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

Area is light industrial/commercial but residential area starts immediately to the west of the site.
Residential area also to the east across Addison Rd.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000672139

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one) Clay - sand + gravel

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

02 PERMEABILITY OF BEDROCK (Check one) Limestone

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

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
115 (ft)	Unknown (ft)	—

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
2.0 (in)	2-2.5 (in)	0-3 %	to the East	0-5 %

09 FLOOD POTENTIAL

SITE IS IN — YEAR FLOODPLAIN

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

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE N/A OTHER

A. _____ (mi) B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

Unknown _____ (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS, NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. 1/4 (mi)	B. 1/4 (mi)	C. N/A (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is on relatively higher ground than the surrounding area with the steepest slope change heading towards the east where the salt creek is approximately 1/2 mile away.

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

On-site inspection 9/18/84
Topographic Map - Elmhurst 7.5 quad.
1980 Census

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006 72139

II. SAMPLES TAKEN NONE

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 NONE

01 TYPE	02 COMMENTS

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☐ GROUND ☐ AERIAL

02 IN CUSTODY OF _____ (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS Ecology and Environment files

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

NONE

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

On-site inspection 9/18/84

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D00006 72139

II. CURRENT OWNER(S)			PARENT COMPANY (If applicable)		
01 NAME: Custom Technologies Corp	02 D+B NUMBER		08 NAME: Estronics INC	09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.): 711 Jorie Blvd Suite 270	11 SIC CODE	
05 CITY: Glenview	06 STATE: IL	07 ZIP CODE	12 CITY: Oak Brook	13 STATE: IL	14 ZIP CODE: 60521
01 NAME	02 D+B NUMBER		08 NAME: Esmark	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: Chicago	13 STATE: IL	14 ZIP CODE
01 NAME	02 D+B NUMBER		08 NAME: Beatrice	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	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
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)

On-site inspection 9/18/84 w/ interview with B. Laughter

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006072139

II. CURRENT OPERATOR (Provide if different from owner)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME: Escast Inc	02 D+B NUMBER		10 NAME: Custom Technologies Esmark/Beatrice	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.): 21 N. Church St	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.): —	13 SIC CODE	
05 CITY: Addison IL	06 STATE: IL	07 ZIP CODE: 60101	14 CITY: —	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				

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

On-site inspection 9/13/84

EPA

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

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IL	D006072139

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
Escast Inc	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
21 N. Church St	

05 CITY	06 STATE	07 ZIP CODE
Addison	IL	60101

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
N/A			

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	02 D+B NUMBER	01 NAME	02 D+B NUMBER
1-1-1-Trichloroethane Land-Grebe —			

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
Caustic Sodium Hydroxide Sludge Browning Ferris —			

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)

On-site inspection 9/18/84 w/ interview w/ Jerrie Brown + B. Laughter

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: IL
02 SITE NUMBER: D006 72139

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☒ D. SPILLED MATERIAL REMOVED — 02 DATE 7/8-84 — 03 AGENCY Voluntary
04 DESCRIPTION: 1-1-1 trichloroethane poured/spilled into 150,000 gallon lagoon was removed + disposed of off-site - Voluntary under guidance of the IEPA

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Dependent upon approval of closure plan by IEPA

01 ☐ F. WASTE REPACKAGED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Dependent upon approval of closure plan by IEPA

01 ☐ H. ON SITE BURIAL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ L. ENCAPSULATION — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ N. CUTOFF WALLS — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☒ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE 6-8/1984 — 03 AGENCY ____
04 DESCRIPTION: To avoid overflowing of the onsite surface impoundment, 3' of extra free board was added voluntarily under guidance from IEPA. Presently waste water is stored in two on-site pools

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: N/A

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000672139

II PAST RESPONSE ACTIVITIES (Continued)

01 ☒ R. BARRIER WALLS CONSTRUCTED — 02 DATE 6/7/1984 — 03 AGENCY
04 DESCRIPTION 3' of freeboard was added to help retain on-site lagoon water from over flowing - voluntary action under guidance by IEPA

01 ☐ S. CAPPING/COVERING — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ V. BOTTOM SEALED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ W. GAS CONTROL — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ X. FIRE CONTROL — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ Y. LEACHATE TREATMENT — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ Z. AREA EVACUATED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ 2. POPULATION RELOCATED — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE — 03 AGENCY
04 DESCRIPTION N/A

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

On-site inspection by FIT on 9/18/84

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	D000672139

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

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

Escast is presently awaiting the approval of the closure plan for their on-site lagoon. Closure is a voluntary action by Escast being under the guidence of the Illinois EPA.

Escast is also currently under investigation for alleged violations of their NPDES permit, after organic solvents were discovered in their discharge into Salt Creek.

The closure plan will most likely include the installation of groundwater monitoring wells to check for migration of contamination. Closure plan will also include the removal of any soils found to be contaminated with 111 trichloroethane. If the state approves the closure plan without the installation of groundwater monitoring wells, I recommend that Ecology + Environment install the wells

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

On-site inspection 9/18/84
E+E files copied from IEPA Maywood

EPA FORM 2070-13 (7-81)