583SERBSF10,634

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Site Name (Subject):	TRIPLE PLATING, INC
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Triple Plating

Immediate Removal

NCD 982 115 370

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1. General Correspondence
2. Letter Report, February 1999

Bound Reports

3. Preliminary Assessment/Site Inspection Report: August 1997

DEPARTMENT OF ENVIRONMENT, HEALTH and NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
HAZARDOUS WASTE SECTION
ACTIVITY REPORT

RECEIVED
FEB 06 1998
SUPERFUND SECTION

Subject: Triple Plating Site Remediation

Location: *location* **Date:** 3 Feb 1998

Address: 28 W. Main Street **Time spent:** 1

City: Thomasville, N.C. **State:** NC **Zip:**

By Whom: Steve Phibbs

Persons contacted: Dean Ullock

Reason for visit: Site Remediattion

Copies to: Keith Masters, Stephanie Kozel

REPORT:

On February 2, 1998 I conducted a site visit at Triple Plating Inc. in Thomasville, N.C. to determine the status of the EPA site remediation program. On site during my visit was Dean Ullock with Region IV EPA and contractors from CMC Inc. of Nicholsville, Kentucky. Under the direction of Mr. Ullock, the contractor had already began excavating and stockpiling soil until analytical results are received to determine if the soil will be disposed of as hazardous waste. Also additional soil samples have been collected on the Triple Plating site and adjacent residential areas. It appears that the contamination may have extended onto the Cox's property next to Triple Plating. When the analytical results have been received, then a determination can be made as to the status of the adjacent property. Work will continue on the Triple Plating site including additional excavation. I will continue to monitor the site remediation process.

Activity Type: Check Most Appropriate

1. Complaint ___*complaint*___
2. Emergency Responce _____*emergency response*__
3. Comp Assistance _____
4. Remedial Action __*Remedial action*___
5. Presentation _____
6. Training _____
7. Meeting _____

Gwinnett Corporate Center
1750 Corporate Drive
Suite 735
Norcross, GA 30093
770-935-1542
Fax 770-935-9049

Stephanie

PRC

December 8, 1997

RECEIVED
DEC 22 1997
SUPERFUND SECTION

Dean Ullock, On-Scene Coordinator
U.S. Environmental Protection Agency Region 4
Emergency Response and Removal Branch
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

Subject: **Triple Plating Site Analytical Data**
Thomasville, North Carolina
Technical Direction Document No. 04-9710-0013

Dear Mr. Ullock:

Enclosed is a copy of the analytical report for the Triple Plating Site samples taken November 6, 1997. If you need additional copies of the report, please contact the PRC Environmental Management, Inc. (PRC) Superfund Technical Assessment and Response Team (START) office and we will be glad to provide you with them.

If you have any questions or comments regarding the data summary, please contact me at (770) 717-2300 or Paula MacLaren at (770) 717-2332.

Sincerely,

R. Steve Pierce
START Leader

cc. Douglas Thompson, Project Officer (letter only)
Steve Clements, START Project Manager

contains recycled fiber and is recyclable

nvironmen anagemen , nc.
Gwinnett Corporate Center
1750 Corporate Drive
Suite 735
Norcross, GA 30093
770-935-1542
Fax 770-935-9049

MEMORANDUM

TO: Steve Clements, Superfund Technical Assessment and Response Team (START) Project Manager

FROM: Paula MacLaren
START Quality Assurance Officer

THRU: R. Steve Pierce
START Leader, U.S. Environmental Protection Agency (EPA) Region 4

SUBJECT: Triple Plating Site Analytical Data
TDD No. 04-9710-0013

DATE: December 8, 1997

Pace Analytical Services, Inc., analyzed 200 soil samples that START collected on November 6, 1997, at the Triple Plating site in Thomasville, North Carolina. The samples were analyzed for the following parameters:

- Resource Conservation and Recovery Act (RCRA) metals
- Copper
- Nickel
- Zinc
- Cyanide (107 soil samples)
- pH (23 soil samples)

The analytical data package was received within the required 2-week period. All sample analyses holding

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times were met, and laboratory blanks were free of contamination. The following quality control samples were performed:

- Metals matrix spike/matrix spike duplicates were performed on soil samples TP-01b, TP-02b, TP-11b, TP-12-b, TP-15a, TP-24b, TP-25-b, TP-35b, TP-36b, TP-40b, TP-45b, TP-47b, TP-55a, TP-59b, TP-69b, TP-70b, TP-78b, TP-86b, TP-87b, TP-93a, TP-96a, TP-108a, TP-108b, TP-110b, TP-111a, TP-117b, and TP-120b. All spiked component percent recoveries were within the quality assurance/quality control (QA/QC) recommendation of 75 to 125 percent, except for selenium and silver. Matrix interference is suspected for low selenium percent recoveries for 8 of 11 spiked samples. Silver showed slightly lower spiked recoveries on 2 of 10 samples.

- Metals duplicate analyses were performed on soil samples TP-01b, TP-02a, TP-02b, TP-11b, TP-12b, TP-24b, TP-25b, TP-35b, TP-36b, TP-40b, TP-45b, TP-47b, TP-55a, TP-59b, TP-69b, TP-70b, TP-86b, TP-87b, TP-93a, TP-96a, TP-108a, TP-108b, TP-110b, TP-111a, TP-117b, and TP-120b. Analytical precision was within the QA/QC recommendation of 20 relative percent difference (RPD).

- Cyanide matrix spike/matrix spike duplicates were performed on soil samples TP-01b, TP-32b, TP-47b, TP-62b, TP-80b, and TP-99b. All percent recoveries were within the QA/QC guideline of 75 to 125 percent.

- Cyanide duplicate analyses were performed on soil samples TP-01b, TP-26b, TP-32b, TP-47b, TP-62b, TP-80b, and TP-99b. Analytical precision showed two of seven duplicate results exceeding the QA/QC recommendation of 20 RPD. Most samples showed no detection of cyanide.

- All laboratory control sample percent recoveries were within the QA/QC guideline of 80 to 120 percent.

A summary of the sample data is presented in Table 1.

TABLE 1
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-01a	TP-01b	TP-02a	TP-02b	TP-03a	TP-03b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	1.1	1.3	0.9	1.0	0.9	ND
Barium	98	43	29	25	42	22
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	41	11	13	14	6.7	15
Copper	110	11	13	2.1	9.0	1.3
Lead	520	38	9.3	6.4	32	3.4
Nickel	22	ND	7.5	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	200	56	19	9.0	38	11
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	7.95	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-04a	TP-04b	TP-05a	TP-05b	TP-06a	TP-06b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	1.1	ND	2.2	2.7	1.4	1.1
Barium	410	31	98	66	71	87
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	16	6.0	9.1	28	22	49
Copper	37	5.1	11	32	15	16
Lead	80	9.6	38	59	55	43
Nickel	25	ND	ND	34	ND	26
Selenium	ND	ND	ND	ND	ND	ND
Silver	5.7	ND	ND	ND	ND	ND
Zinc	150	26	50	86	100	74
General Chemistry						
Cyanide (mg/kg)[a]	NA	0.13	NA	0.22	NA	0.32
pH	NA	NA	NA	NA	NA	8.07

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-07a	TP-07b	TP-08a	TP-08b	TP-09b
	Surface	Subsurface	Surface	Subsurface	1 Foot
Metals (mg/kg)[a]					
Arsenic	1.3	0.7	0.5	ND	0.6
Barium	81	44	20	15	24
Cadmium	ND	ND	ND	ND	ND
Chromium	23	7.9	8.3	5.8	6.8
Copper	40	6.4	7.1	2.7	1.0
Lead	70	37	10	4.0	3.4
Nickel	40	5.8	ND	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
Zinc	100	40	14	10	12
General Chemistry					
Cyanide (mg/kg)[a]	NA	ND	NA	ND	ND
pH	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-10a	TP-10b	TP-11a	TP-11b	TP-12a	TP-12b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.1	ND	0.9	ND	1.3	0.6
Barium	48	35	31	47	86	17
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	18	6.1	16	12	5.9	5.4
Copper	350	13	2.4	3.8	4.6	ND
Lead	660	7.2	3.6	4.4	49	2.1
Nickel	17	7.0	6.6	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	17	ND	ND	ND	ND	ND
Zinc	450	24	13	16	130	11
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	5.02	NA	5.43

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-13a	TP-13b	TP-14a	TP-14b	TP-15a	TP-15b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.8	0.6	2.0	ND	ND	ND
Barium	68	74	110	33	110	92
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	12	4.3	9.0	5.9	41	70
Copper	35	10	12	4.6	31	50
Lead	51	170	71	7.9	1.6	2.5
Nickel	180	14	1,400	190	26	36
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	90	55	87	15	33	39
General Chemistry						
Cyanide (mg/kg)[a]	NA	0.43	NA	ND	NA	ND
pH	NA	7.92	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-16a	TP-16b	TP-17b	TP-18b	TP-19a	TP-19b
	Surface	Subsurface	1 Foot	1 Foot	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	ND	ND	ND	0.6	ND	0.5
Barium	38	26	21	40	30	41
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	14	9.7	8.4	6.7	6.9	12
Copper	8.7	3.5	6.8	62	2.7	1.3
Lead	37	3.0	4.1	82	12	5.0
Nickel	11	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	45	12	14	31	21	10
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	ND	ND	NA	ND
pH	NA	6.44	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-20a	TP-20b	TP-21a	TP-21b	TP-23a	TP-23b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.5	ND	ND	ND	1.2	ND
Barium	37	21	55	12	72	46
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	6.1	6.1	8.6	4.0	19	12
Copper	6.4	ND	7.1	ND	10	3.5
Lead	36	2.9	38	3.1	80	33
Nickel	ND	ND	3,200	530	6.2	12
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	47	11	140	12	66	23
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	5.65	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-24b	TP-25a	TP-25b	TP-26a	TP-26b
	1 Foot	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]					
Arsenic	ND	ND	ND	ND	ND
Barium	99	39	40	40	22
Cadmium	ND	ND	ND	ND	ND
Chromium	5.6	16	7.4	14	8.8
Copper	7.8	19	2.9	130	3.7
Lead	50	16	3.8	86	2.8
Nickel	ND	10	ND	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
Zinc	54	31	12	38	9.8
General Chemistry					
Cyanide (mg/kg)[a]	ND	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-27a	TP-27b	TP-28a	TP-28b	TP-29a	TP-29b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	1.2	0.8	0.7	0.8	0.5	ND
Barium	15	12	23	32	18	8.1
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	11	8.7	10	6.1	9.7	6.8
Copper	2.9	2.9	3.8	1.7	70	75
Lead	7.4	3.0	5.0	2.9	9.1	2.0
Nickel	ND	ND	7.1	ND	210	38
Selenium	ND	ND	ND	ND	1.2	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	14	5.5	15	9.8	12	5.0
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	300
pH	NA	5.02	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-30b	TP-31b	TP-32b	TP-33a	TP-33b
	1 Foot	1 Foot	1 Foot	Surface	Subsurface
Metals (mg/kg)[a]					
Arsenic	1.3	0.8	2.2	ND	ND
Barium	110	45	77	45	26
Cadmium	ND	ND	ND	ND	ND
Chromium	65	9.0	7.3	9.9	7.9
Copper	200	150	18	3.6	2.7
Lead	250	49	48	10	7.4
Nickel	63	39	7.3	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
Zinc	130	65	72	17	15
General Chemistry					
Cyanide (mg/kg)[a]	9.8	12	0.3	NA	ND
pH	NA	NA	8.24	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-34a	TP-34b	TP-35a	TP-35b	TP-36a	TP-36b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.4	0.7	0.8	ND	1.0	0.6
Barium	31	10	35	17	19	20
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	9.4	6.9	12	6.1	13	14
Copper	84	4.9	16	16	3.1	1.2
Lead	25	2.3	27	3.3	11	2.8
Nickel	ND	ND	23	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	12	ND	ND	ND	ND	ND
Zinc	84	12	34	11	16	7.9
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-37a	TP-37b	TP-38a	TP-38b	TP-39a	TP-39b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.9	ND	ND	0.6	1.3	ND
Barium	54	21	14	20	23	14
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	18	7.7	16	20	9.2	9.1
Copper	10	3.6	8.4	24	5.6	5.7
Lead	9.4	3.0	1.8	5.1	21	3.4
Nickel	11	5.2	ND	12	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	38	ND	ND	ND	ND	ND
Zinc	15	7.4	9.6	9.5	24	12
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	2.3	NA	ND
pH	NA	5.23	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-40a	TP-40b	TP-41b	TP-42b	TP-43a	TP-43b
	Surface	Subsurface	1 Foot	1 Foot	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.0	0.5	ND	ND	0.8	ND
Barium	120	23	11	29	39	12
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	8.0	11	4.5	11	23	5.5
Copper	36	ND	2.9	20	6.1	2.6
Lead	150	2.6	4.5	32	20	2.2
Nickel	ND	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	150	8.2	21	30	48	10
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	ND	0.26	NA	ND
pH	NA	NA	NA	7.80	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-44a	TP-44b	TP-45a	TP-45b	TP-46a	TP-46b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.9	1.0	ND	ND	ND	0.7
Barium	46	23	17	15	14	18
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	24	100	14	9.1	51	13
Copper	4.7	12	5.1	1.1	54	5.1
Lead	5.3	7.1	2.3	2.8	1.8	2.2
Nickel	ND	5.7	7.2	ND	56	7.2
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	14	18	9.2	8.8	12	11
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	0.17
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-47a	TP-47b	TP-48a	TP-48b	TP-49b	TP-50b
	Surface	Subsurface	Surface	Subsurface	1 Foot	1 Foot
Metals (mg/kg)[a]						
Arsenic	ND	ND	2.8	1.0	6.2	5.1
Barium	16	27	86	22	37	73
Cadmium	ND	ND	ND	ND	4.3	6.3
Chromium	10	10	7.8	13	7.0	9.9
Copper	1.7	2.1	54	1.8	50	62
Lead	2.5	2.1	110	3.0	100	100
Nickel	ND	ND	18	5.9	5.2	27
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	18	ND	ND	23
Zinc	12	10	220	23	730	1,100
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	0.58	1.1
pH	NA	NA	NA	NA	8.35	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-51a	TP-51b	TP-52a	TP-52b	TP-53a	TP-53b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	2.6	1.6	0.7	0.5	9.0	0.5
Barium	72	64	37	26	330	25
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	10	17	6.8	21	2,300	100
Copper	12	14	120	55	590	20
Lead	22	25	32	2.5	640	18
Nickel	ND	ND	29	260	340	8.2
Selenium	ND	ND	ND	ND	ND	ND
Silver	25	5.0	ND	ND	82	26
Zinc	36	44	47	24	1,600	66
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	23	NA	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-54a	TP-54b	TP-55a	TP-55b	TP-56a	TP-56b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	ND	0.7	0.5	1.9	6.3	2.8
Barium	14	16	20	64	270	800
Cadmium	ND	ND	ND	ND	5.2	2.1
Chromium	7.0	13	5.7	16	380	1,600
Copper	39	3.2	4.9	20	2,300	400
Lead	1.7	3.0	2.7	4.5	290	1,400
Nickel	ND	ND	ND	ND	1,600	300
Selenium	ND	ND	ND	ND	4.6	0.6
Silver	ND	ND	ND	ND	25	25
Zinc	5.1	5.7	8.5	24	2,000	990
General Chemistry						
Cyanide (mg/kg)[a]	NA	1.1	NA	ND	NA	7.2
pH	NA	NA	NA	NA	NA	8.33

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-57a	TP-57b	TP-58b	TP-59a	TP-59b
	Surface	Subsurface	1 Foot	Surface	Subsurface
Metals (mg/kg)[a]					
Arsenic	2.8	1.5	2.7	1.3	ND
Barium	100	50	130	33	24
Cadmium	ND	ND	ND	ND	ND
Chromium	18	6.8	6.1	9.0	6.6
Copper	180	18	31	2.1	1.4
Lead	130	24	160	3.5	2.9
Nickel	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	7.0	ND	ND	ND	ND
Zinc	120	25	120	7.9	13
General Chemistry					
Cyanide (mg/kg)[a]	NA	ND	ND	NA	ND
pH	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-60a	TP-60b	TP-61a	TP-61b	TP-62a	TP-62b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.7	ND	1.1	0.6	ND	ND
Barium	80	17	54	22	22	19
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	12	5.1	9.4	12	5.8	22
Copper	3.2	2.7	3.4	2.1	3.5	5.2
Lead	3.0	3.5	4.1	2.2	2.6	3.9
Nickel	ND	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	8.1	17	7.8	11	5.9	12
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	8.16	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-63a	TP-63b	TP-64a	TP-64b	TP-65b	TP-66b
	Surface	Subsurface	Surface	Subsurface	1 Foot	1 Foot
Metals (mg/kg)[a]						
Arsenic	21	1.9	0.8	1.0	2.8	2.2
Barium	410	24	33	34	28	74
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	41	7.5	5.3	12	4.1	5.8
Copper	32	11	250	45	16	13
Lead	470	6.5	60	110	21	25
Nickel	6.7	5.4	ND	5.1	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	59	ND	ND	ND	ND	ND
Zinc	89	15	25	8.1	19	46
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	ND	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-67b	TP-68b	TP-69a	TP-69b	TP-69c	TP-69d
	1 Foot	1 Foot	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	2.2	1.7	1.0	0.5	1.6	2.1
Barium	68	35	110	34	46	41
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	5.4	5.0	8.9	5.7	7.3	6.5
Copper	6.0	4.8	23	4.0	9.6	5.6
Lead	13	11	50	3.1	16	4.0
Nickel	ND	ND	ND	ND	ND	14
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	7.0	ND	ND	ND
Zinc	24	19	53	18	32	16
General Chemistry						
Cyanide (mg/kg)[a]	ND	ND	NA	ND	NA	ND
pH	NA	NA	NA	7.62	NA	6.89

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-70a	TP-70b	TP-71a	TP-71b	TP-72a	TP-72b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	1.2	0.6	3.5	2.6	36	3.0
Barium	18	26	290	38	720	200
Cadmium	ND	ND	ND	ND	1.5	ND
Chromium	7.3	5.4	8.4	19	65	25
Copper	4.4	3.2	26	11	710	190
Lead	3.0	3.7	560	8.8	770	170
Nickel	ND	ND	ND	ND	130	34
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	8.4	ND	39	ND
Zinc	11	18	150	17	1,200	600
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	0.16
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-73b	TP-78a	TP-78b	TP-79a	TP-79b
	1 Foot	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]					
Arsenic	7.5	1.0	1.4	2.1	1.2
Barium	210	44	20	270	79
Cadmium	1.0	ND	ND	ND	ND
Chromium	28	10	15	13	11
Copper	250	5.1	2.5	15	8.4
Lead	200	11	2.2	390	47
Nickel	6.2	ND	ND	6.1	ND
Selenium	ND	ND	ND	ND	ND
Silver	7.6	ND	ND	10	ND
Zinc	380	25	6.8	63	38
General Chemistry					
Cyanide (mg/kg)[a]	0.31	NA	ND	NA	ND
pH	NA	NA	6.43	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location				
	TP-80a	TP-80b	TP-81b	TP-85a	TP-85b
	Surface	Subsurface	1 Foot	Surface	Subsurface
Metals (mg/kg)[a]					
Arsenic	38	12	14	2.5	1.1
Barium	580	93	140	48	31
Cadmium	ND	ND	ND	ND	ND
Chromium	1,700	240	20	13	12
Copper	350	77	160	43	14
Lead	4,600	200	280	18	4.1
Nickel	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND
Silver	50	23	7.9	ND	ND
Zinc	1,400	100	220	46	14
General Chemistry					
Cyanide (mg/kg)[a]	NA	0.17	0.14	NA	ND
pH	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-86a	TP-86b	TP-87a	TP-87b	TP-88a	TP-88b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.2	1.2	1.8	3.5	10	8.2
Barium	270	22	88	190	230	170
Cadmium	ND	ND	ND	ND	5.0	ND
Chromium	5.9	8.1	9.3	16	210	55
Copper	16	3.7	12	18	930	390
Lead	460	4.3	51	120	880	320
Nickel	ND	ND	ND	5.2	330	81
Selenium	ND	ND	ND	ND	0.6	ND
Silver	5.1	ND	ND	27	100	59
Zinc	170	10	38	82	3,500	620
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	0.27
pH	NA	5.83	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analzyed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-89a	TP-89b	TP-90a	TP-90b	TP-91a	TP-91b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	2.9	1.8	2.4	2.0	2.5	1.2
Barium	68	55	76	43	70	54
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	11	5.1	8.9	4.2	8.9	9.8
Copper	17	6.5	35	6.7	20	11
Lead	78	23	92	21	41	24
Nickel	ND	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND
Zinc	54	33	75	30	58	32
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-92a	TP-92b	TP-93a	TP-93b	TP-94a	TP-94b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	2.1	1.5	0.8	1.1	2.5	1.6
Barium	45	57	40	33	140	40
Cadmium	ND	ND	ND	ND	1.0	ND
Chromium	12	4.8	5.3	11	52	12
Copper	8.9	6.0	9.5	3.4	140	6.2
Lead	17	23	18	3.4	210	16
Nickel	ND	ND	ND	ND	95	ND
Selenium	ND	ND	ND	ND	0.6	ND
Silver	ND	ND	ND	ND	12	ND
Zinc	27	24	22	12	210	43
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	5.64	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-95a	TP-95b	TP-96a	TP-96b	TP-97a	TP-97b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	32	79	1.3	20	4.5	2.0
Barium	160	380	32	510	60	39
Cadmium	ND	ND	ND	1.1	ND	ND
Chromium	10	19	36	24	12	4.9
Copper	32	65	14	95	31	6.2
Lead	130	320	9.7	720	110	24
Nickel	5.2	ND	6.8	12	ND	ND
Selenium	ND	2.5	ND	0.5	ND	ND
Silver	34	38	ND	45	ND	ND
Zinc	120	270	24	400	84	22
General Chemistry						
Cyanide (mg/kg)[a]	NA	0.34	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-98a	TP-98b	TP-99a	TP-99b	TP-100a	TP-100b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	4.6	2.9	2.6	3.2	2.1	5.1
Barium	44	62	25	42	94	190
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	10	5.1	5.8	5.0	20	29
Copper	10	9.9	7.5	8.5	100	380
Lead	17	35	19	36	230	210
Nickel	ND	ND	ND	ND	19	7.0
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	16	33
Zinc	28	40	20	30	180	220
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	0.14
pH	NA	6.19	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-101a	TP-101b	TP-102a	TP-102b	TP-103a	TP-103b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.4	2.6	2.7	3.5	7.8	5.0
Barium	150	61	250	61	170	310
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	17	7.6	110	17	58	48
Copper	350	14	350	400	360	710
Lead	310	59	430	170	870	1,700
Nickel	19	ND	320	94	77	140
Selenium	ND	ND	ND	ND	ND	ND
Silver	40	ND	44	5.1	54	48
Zinc	230	68	330	220	510	910
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	21	NA	5.6
pH	NA	NA	NA	NA	NA	8.14

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-104a	TP-104b	TP-108a	TP-108b	TP-109a	TP-109b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	25	2.0	0.6	ND	0.8	4.8
Barium	82	36	58	77	78	300
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	52	10	36	12	9.9	12
Copper	36	10	34	14	16	64
Lead	100	36	28	3.6	23	230
Nickel	53	27	26	9.3	5.6	6.2
Selenium	ND	ND	ND	ND	ND	ND
Silver	7.2	ND	ND	ND	ND	ND
Zinc	110	36	54	28	62	320
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	0.16
pH	NA	NA	NA	NA	NA	8.30

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-110a	TP-110b	TP-111a	TP-111b	TP-112a	TP-112b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	1.6	ND	1.0	1.0	0.8	1.4
Barium	66	14	93	30	90	120
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	19	8.2	21	10	30	56
Copper	31	1.3	42	15	11	20
Lead	65	3.2	120	30	49	90
Nickel	14	ND	17	ND	9.1	8.3
Selenium	ND	ND	ND	ND	ND	ND
Silver	9.4	ND	8.6	ND	ND	ND
Zinc	70	11	97	140	37	59
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-116a	TP-116b	TP-117a	TP-117b	TP-118a	TP-118b
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	0.8	2.6	1.1	1.6	4.2	2.0
Barium	91	100	140	44	51	1,000
Cadmium	ND	ND	ND	ND	ND	ND
Chromium	28	17	7.6	20	12	8.0
Copper	55	30	56	14	24	13
Lead	99	65	64	20	75	54
Nickel	25	10	32	ND	12	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	11	ND	ND	ND	ND	ND
Zinc	89	98	140	60	65	100
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	ND
pH	NA	NA	NA	NA	NA	8.56

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location					
	TP-119a	TP-119b	TP-120a	TP-120b	TP-COXa	TP-COXb
	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
Metals (mg/kg)[a]						
Arsenic	3.0	1.8	7.1	2.4	4.4	2.2
Barium	100	57	380	43	110	71
Cadmium	1.0	ND	ND	ND	ND	ND
Chromium	10	6.6	190	130	6.7	6.7
Copper	64	26	57	8.2	690	470
Lead	330	69	220	5.3	690	660
Nickel	15	20	22	ND	6.6	5.0
Selenium	ND	ND	0.6	ND	ND	ND
Silver	ND	ND	42	ND	26	48
Zinc	380	150	280	16	130	110
General Chemistry						
Cyanide (mg/kg)[a]	NA	ND	NA	ND	NA	NA
pH	NA	NA	NA	NA	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

TABLE 1 (continued)
TRIPLE PLATING SITE
ANALYTICAL DATA

Soil Samples
November 6, 1997

Parameters	Grid Identity and Sample Location	
	TP-COXc	TP-COXd
	Surface	Subsurface
Metals (mg/kg)[a]		
Arsenic	10	18
Barium	3,100	2,800
Cadmium	3.1	1.0
Chromium	9.8	13
Copper	5,500	3,700
Lead	1,000	1,700
Nickel	8.2	9.2
Selenium	0.8	ND
Silver	6.9	57
Zinc	890	870
General Chemistry		
Cyanide (mg/kg)[a]	NA	NA
pH	NA	NA

Notes: [a]Milligrams per kilogram
NA - Not analyzed
ND - Not detected

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

October 6, 1997

Mr. and/or Ms. Cox
6 Mock Street
Thomasville, NC 27361

SUBJECT: Soil Sampling and Property Access
Triple Plating Inc.
Thomasville, Davidson County, NC

Dear Mr./Ms. Cox:

The NC Superfund Section, as part of the Department of Environment and Natural Resources (DENR), and the US Environmental Protection Agency (US EPA) have been investigating the property on the corner of West Main Street and Fischer Ferry Street. The property was a former electroplating facility that was in operation until 1991. An environmental assessment of the property and the surrounding area was conducted by the NC Superfund Section on April 30, 1997. Soil samples were collected on the property and lead levels were measured at concentrations which are significantly above the state and federal cleanup levels. The US EPA confirmed the states' results and determined that removal of the contaminated soil is needed. Your backyard area is adjacent to the property under investigation. The Superfund Section would like to sample the surface soil in your backyard near the fence, adjacent to the property. We are currently in the process of delineating the extent of contamination and want to determine if the contaminants have migrated onto adjacent properties.

If you could please contact me as soon as possible at (919)733-2801 ext. 316 so arrangements can be made to access your property during the days of October 14 and 15.

Sincerely,

Stephanie Kozel

Stephanie Kozel
Hydrogeologist
NC Superfund Section

cc: file

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Raleigh, North Carolina 27611-7687
Voice 919-733-4996

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4WD-ERRB

Mr. Jack Butler, Chief
Superfund Section
North Carolina Division of
Solid Waste Management
P.O. Box 27687
Raleigh, N.C. 27611-7687

SUBJ: Triple Plating Site, Thomasville, North Carolina

Dear Mr. Butler:

The U.S. Environmental Protection Agency's Emergency Response and Removal Branch (ERRB) conducted a site investigation for potential removal action eligibility under the National Contingency Plan (NCP) at the above referenced site.

Triple Plating Site is located at 27 West Main Street within the city limits of Thomasville, North Carolina. The property is located in a residential area and access is unrestricted. The North Carolina Department of Health and Natural Resources requested, by letter dated July 17, 1997, that an evaluation of the site be conducted. Removal actions undertaken by the operator, property owner, and NCDEHNR in 1992 and 1995 resulted in the removal of waste materials from the site and demolition of the building. Samples collected by NCDEHNR in April 1997 identified areas of high lead concentrations on-site and in an adjacent yard.

On August 6, 1997, On-Scene Coordinator Steve Spurlin conducted an assessment to verify the state data and determine the general extent of contamination. Lead concentrations in samples collected by EPA ranged from 110 to 3300 mg/kg on-site and in surface soils located in the yard of a home adjacent to the facility. Several children play in the yard and evidence of children playing on-site was observed during the assessment. NCDEHNR indicated the county had conducted blood lead testing on the children with no elevated levels detected. However, lead levels in soil do exceed the typical risk based levels for lead in a residential setting. Based upon the On-Scene Coordinator's assessment, the site has been designated as a high priority for a removal action. This determination is based on high lead levels and the potential exposure to children in the area.

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Dean Ullock has been assigned this site as the lead OSC for a possible removal action. The OSC will review the site evaluation and current site conditions and make a final determination of the appropriateness and extent of removal actions to be taken at the site. For all removal actions an Action Memorandum outlining the site threats and removal activities will be prepared by the OSC and a copy forwarded to the state.

Should you have any questions concerning ERRB's determination and actions, please contact Mr. Steve Spurlin, On-Scene Coordinator, at (404) 562-8743 or Mr. Michael Norman, Chief of Removal Operations Section, at (404) 562-8720.

Sincerely,

Myron D. Lair, Chief
Emergency Response and Removal
Branch

State of North Carolina
Department of Environment,
Health, and Natural Resources
Division of Waste Management

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary
William L. Meyer, Director

DEHNR

September 9, 1997

Mr. John Hendren
Assistant Environmental Supervisor
Davidson County Health Department
Post Office Box 439
Lexington, NC 27293-0439

RE: Removal Evaluation
Site Visit
Triple Plating
NCD 982 115 370

Dear Mr. Hendren:

David Lilley of the NC Superfund Section spoke with Ms. Odessa Gallimore of your office today to notify you that the NC Superfund Section will conduct a site reconnaissance of the subject site located in Davidson County, North Carolina. The reconnaissance will be conducted from September 11 to December 11, 1997 by Stephanie Kozel of the NC Superfund Section.

The purpose of the reconnaissance to oversee the removal of contaminated soil by the US EPA. You may want to have your representative meet the reconnaissance team at the site. If so, please contact Stephanie Kozel at (919) 733-2801, ext. 316 and she will coordinate a meeting.

If the reconnaissance indicates the need for future study of the site, we will contact your office to advise. If you have any questions, please don't hesitate to call David Lilley or me at (919) 733-2801.

Sincerely,

Bruce Nicholson, Head
Special Remediation Branch
NC Superfund Section

cc: Phil Prete
Doug Holyfield
Pat Williamson
Scott Ross
David Lilley
Donna Keith

Federal
Trip Notification & Authorization

Prepared by: S. Kozel

Today's Date: 9/9/97

*Use Black Ink or Typewriter only-Staff to fill out first 2 blocks only.

Site Trip

Date of Trip: Sept 11 - Dec. 11, 1997

If trip date changed or cancelled note below:
Trip Date Changed To: _____ Cancelled: ____

NCD#: 982115370 Site Name: Triple Plating
City: Thomasville County: Davidson

Reason for Trip: Removal Evaluation: Site Visit

Name of Hotel (Overnight Trip): _____ Hotel Telephone Number: ( ) ___ - _____

Authorized by: [signature]
Industrial Hygienist

Project Team Leader: Stephanie Kozel

Assistants: _____, _____, _____

Attach To Notification Form: 1 copy each:
Submit to the
Industrial Hygienist

Preliminary Assessment Form (First page only)
Site Map
PA Transmittal Letter

(Please list appropriate County Health Department contact person to call to advise of trip)
Environmental Supervisor or Health Director to call: John Hendron Title: Assistant Env. Health Supervisor
(Note if Dr., M.P., etc.)
Telephone Number: (910) 242 - 2300

Notes: Health Department Official Contacted: Ms. Odessa Gallimore
Back Up Letter Required: Yes / No ____
Notified Ms. Gallimore for Mr. Hendron on 9-9-97 (DBL)

Note: Signed original to Data Manager

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Waste Management

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary
William L. Meyer, Director

DEHNR

September 9, 1997

Mr. Joe McNulty
Tuggle, Duggins, and Meschan
P.O. Box 2888
Greensboro, NC 27402

SUBJECT: Sampling Results
Triple Plating Inc.
Thomasville, Davidson County, NC

Dear Mr. McNulty:

As per your request, I am enclosing a copy of the summary tables, sample location map, and the executive summary from the Preliminary Assessment/ Site Inspection Report of the Triple Plating Site, Thomasville, NC. As you are aware, the NC Superfund Section collected samples from the backyard area of 3 Fisher Ferry Street and from the Triple Plating property on April 30, 1997 as part of an environmental assessment of the subject site. The information being sent to you is not a complete record of the site and its conditions. If you wish, you may review the complete Triple Plating Site file by making an appointment for a file review. Appointments are made through Scott Ross, Superfund Section Public Information Assistant, at (919)733-2801 ext. 328. Two-hour appointments can be made Monday through Thursday at 8:30, 11:00, 1:30, and 4:00. If you have any other questions, please contact Stephanie Kozel of the NC Superfund Section at (919)733-2801 ext. 316.

Sincerely,

Stephanie L. Kozel

Stephanie L. Kozel
Special Remediation Branch
NC Superfund Section

attachments
cc: file

MEMORANDUM

DATE: August 27, 1997

TO: File

FROM: Stephanie L. Kozel SLK.
Hydrogeologist
NC Superfund Section

RE: Tax and Property Map
Triple Plating, Thomasville, Davidson County
NCD#982 115 370

Enclosed is a copy of the tax map showing the Perry property and surrounding lots within a section of downstown Thomasville, North Carolina. Listed below are the property owners and the date of purchase for each lot (#1-13) for the block surrounded by W. Main Street, Fisher Ferry, Colonial Drive, and Mock Street.

Lot #	Owner	Date Purchased
1.	Mrs. O.R. Hodgin	12-31-03
2.	Mrs. R.M. Coaksey	1-8-46
3.	Mr. & Mrs. Perry	2-21-72
4.	Mrs. Tracey Smith	-------
5.	Mr. Fred Gray	5-26-67
6.	Mr. John Hodgin	6-12-68
7.	Mrs. F.B. Gray	-------
8.	Royce Webb	2-11-74
9.	Foy Norton	1-24-64
10.	Mr. Murphy Bates, Jr.	3-21-63
11.	J.A.C.O. Inc.	7-26-71
12.	Mr. & Mrs. Perry	2-21-72
13.	Jean R. Gray	6-17-68

August 25, 1997

To: Pat DeRosa

From: Jack Butler

Subject: Triple Platting
NCD 982 115 370

Mr. Steve Sperlin, EPA Region IV contacted our office on this date to inform us that his office had received data on samples collected by EPA and that the results matched the states data. He is therefore recommending that the site receive a high priority for a removal action. An OCR will be assigned in the near future and they will be contacting our office to coordinate the removal action.

RECEIVED

AUG 27 1997

SUPERFUND SECTION

EMERGENCY RESPONSE
& REMOVAL BRANCH
U.S. EPA REGION IV
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104
PHONE: (404) 562-8700
FAX: (404) 562-8699

REGIONAL RESPONSE CENTER

FACSIMILE TRANSMITTAL SHEET

TO: Stephanie Kozel

TELEPHONE:

FROM: Steve Spurlin

TELEPHONE: 404 562 8743

NUMBER OF PAGES INCLUDING COVER SHEET: 4

MESSAGE: Preliminary data from Triple Plating

Sample 4 - off loading dock
" 5+6 - yard
" 7 - under transformers
" 8 - drainage area towards Cox house
" 9 - " "
" 10 - " sumps" sampled by MC DHENR

IF THE FOLLOWING MESSAGE IS RECEIVED POORLY OR INCOMPLETE, PLEASE NOTIFY SENDER.

TABLE 1
TRIPLE PLATING SITE
ANALYTICAL DATA[a]
Soil Samples
August 6, 1997

Parameters	[illegible]				
	TP-01-SS	TP-02-SS	TP-03-SS	TP-04-SS	TP-05-SS
[illegible]					
SW-846 Method 8081 Compounds	ND	ND	ND	ND	ND
[illegible]					
Arsenic	28	30	42	29	19
Barium	93	90	110	580	120
Cadmium	ND	ND	ND	ND	ND
Chromium	37	26	84	340	15
Lead	180	110	270	1,000	380
Mercury	ND	ND	ND	ND	ND
Selenium	3.6	ND	ND	ND	ND
Silver	67	7.8	6.9	26	3

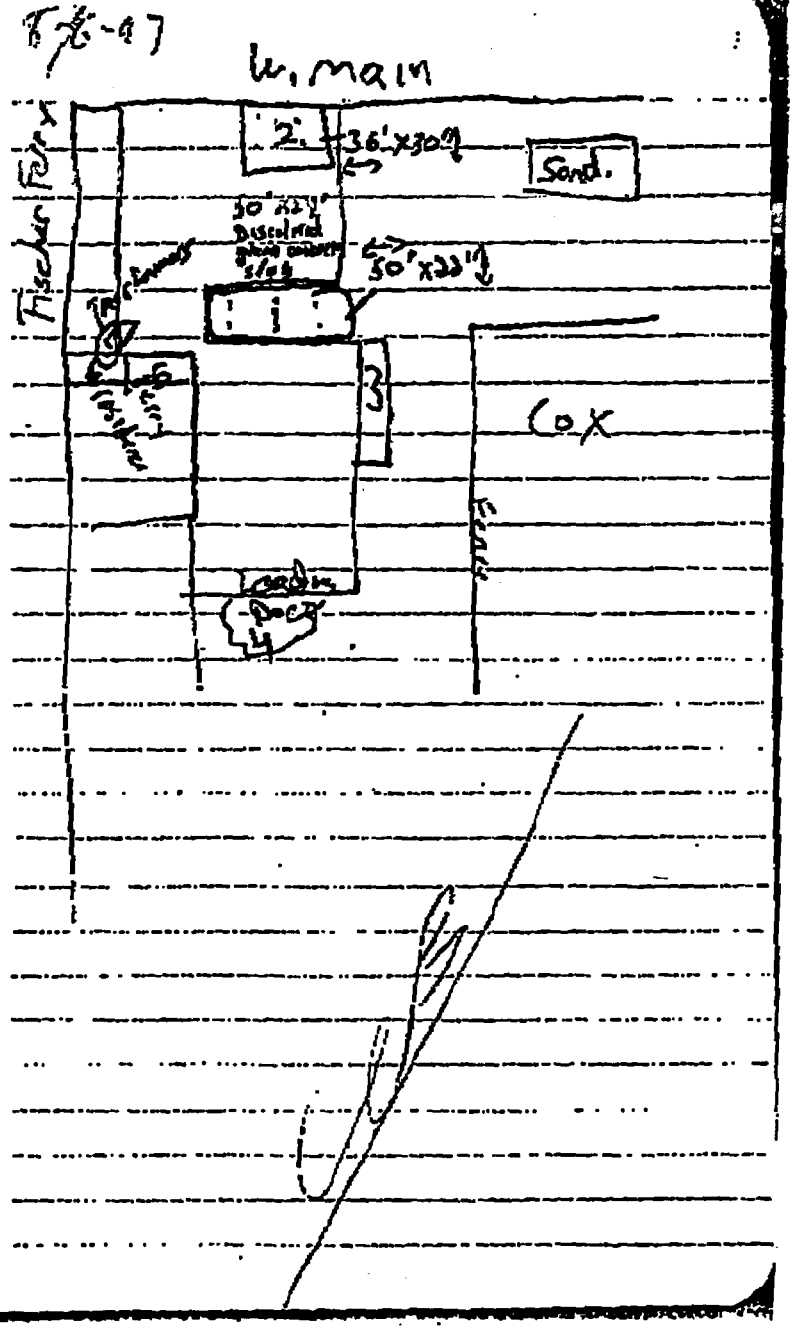
Soil Samples
August 6, 1997

Parameters	[illegible]				
	TP-06-SS	TP-07-SS	TP-08-SS	TP-09-SS	TP-10-SS
[illegible]					
SW-846 Method 8081 Compounds	ND	ND	ND	ND	ND
[illegible]					
Arsenic	28	32	22	41	42
Barium	220	160	150	190	170
Cadmium	ND	ND	ND	ND	1.1
Chromium	16	29	106	87	220
Lead	740	470	320	3,300	820
Mercury	0.37	0.48	ND	0.26	0.89
Selenium	ND	ND	ND	ND	ND
Silver	50	87	26	140	100

Notes: [a]HydroLogic, Inc. laboratory performed all of the sample analyses.
[b]Micrograms per kilogram
[c]Milligrams per kilogram
ND - Not Detected

8-6-97 Wed

Time	Activity
0745	START arrives at site and waits for EPA OSC Spurlin to arrive.
0800	EPA OSC Spurlin arrives & discusses plans for sampling - all bp-comp
0900	Mrs Berry gives OSC Spurlin verbal permission to sample in the yard
0845	OSC Spurlin + START Berry perform composite sampling. Samples TP-01-SS and TP-02-SS gathered
0905	START Berry performs Chlor + Sod under transformers with positive PCB results. OSC Spurlin takes TP-03-SS from the E edge of the slab.
0920	START Berry takes TP-04-SS from Loading Dock area
0930	Edge of yard of Berry Residence Divided into 2 25' long sections TP-05-SS + TP-06-SS gathered by Berry here.
1000	START Berry yard [illegible] composite from under transformers



6

1000 - NC state Stephanie Hazel arrives
& discusses site history & sampling
history with OSC Spulin & START
Berry

1030 START Berry collects TP-08-55
3 aliquots from clay wood
fence and 2 from drainage
ditch from slab into
Coy residence back yard

1045 - START Berry takes composite
samples from cutouts in
slab - under top layer of
soil appears a very hard
layer of light tan soil
mixed with brick, concrete,
& broken glass

1100 START Berry takes composite
from previous "sump" sample
sites at MCDENHR
TP-10-55 #16
- there is no sample location 3516

1105 Discuss of sampling sites
to run

#9 Pump Ex TP-01-55
#10 Pump W TP-03-55

7

1105 OSC Spulin & NC DENR
Hazel go investigate wetland
area in S of property
Wetland drains in N. Hamby Cr
Picture 11 oriented NW

1110 START Berry begins packing
samples for transport

1130 OSC Spulin leaves site

1135 NCDENHR Hazel leaves site

1145 START Berry begins photos
of sampling sites

Photo	Desc
12	Sites #5 & #6
13	#7 (transformer site)
14	#9 (cutouts)
15	#10 site (NCDENHR sites)

1155 START leaves site to drive back
to Atlanta

Federal
Trip Notification & Authorization

Prepared by: S. Kozel

Today's Date: 8-4-97

*Use Black Ink or Typewriter only-Staff to fill out first 2 blocks only.

Site Trip

Date of Trip: Wed. 8-6-97

If trip date changed or cancelled note below:
Trip Date Changed To: _____ Cancelled: ____

NCD#: NCD 982 115 370 Site Name: Triple Plating
City: Thomasville County: Davidson

Reason for Trip: Oversight of EPA Removal Sampling

Name of Hotel (Overnight Trip): _____ Hotel Telephone Number: ( ) ___ - _____

Authorized by: [signature]
Industrial Hygienist

Project Team Leader: Stephanie Kozel

Assistants: _____, _____, _____

Attach To Notification Form: 1 copy each:
Submit to the
Industrial Hygienist

Preliminary Assessment Form (First page only)
Site Map
PA Transmittal Letter

(Please list appropriate County Health Department contact person to call to advise of trip)
Environmental Supervisor or Health Director to call: John Hendren Title: Assistant Env. Health Supervisor
(Note if Dr., M.P., etc.)
Telephone Number: (910) 242-2300

Notes: Health Department Official Contacted: Ms. Alyson Best
Back Up Letter Required: Yes ____ No ✓
Notified Ms. Best for Mr. Hendren on 8-4-97 (DBC)

Note: Signed original to Data Manager

MEMORANDUM

DATE: July 17, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK.
NC Superfund Section

RE: Telecon with Allison Best, Davidson County Health Dept.
Triple Plating Facility
NCD #982 115 370

On July 17, 1997, I spoke with Ms. Allison Best of the Davidson County Health Department (910-242-2358). She wanted to update me on the lead blood testing of the children staying with Ms. Kinney at 3 Fischer Ferry Street. She informed me that Ms. Kinney kept 8 children during the day, and she thought that all of the children were relatives. She talked with Ms. Kinney and was told that her daughter and three grandchildren lived there and she kept her son's 2 or 3 children during the day. Ms. Best informed Ms. Kinney that the children under the age of 6 should be tested for elevated lead levels. The three children that live on the property went to the Thomasville pediatrician. The Health Department should receive the blood work within a few weeks. Two of the children were to arrive at the Health Department today to receive the test but as of this phone conversation, they had not. The other 2 or 3 children were stated to be above the age of 6, therefore a blood test would only be necessary if the other children tested positive. Walls, both inside and outside, were swabbed so they could be tested for an alternative source of lead exposure. Ms. Best stated that the owner of the property had evicted the Kinney's but she did not know the moving date. She also stated she would inform me when the blood test and wall scrapping results were in.

MEMORANDUM

DATE: July 14, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK.
NC Superfund Section

RE: Fisheries along the 15-mile surface water pathway
Triple Plating Facility
NCD #982 115 370

On July 14, 1997, I talked with Mr. Wayne Chapman, Fisheries Biologist, of the Wildlife Resource Commission, Habitat Conservation District 6 (704-982-9255) about the usage of the surface water pathways for the Triple Plating site. He stated the North Hamby Creek and Hamby Creek are fisheries but he has little to no data available. Rich Fork Creek is a large fishery and is the white bass migratory spawning run. The white bass migrate upstream from High Rock Lake to spawn. Abbott's Creek is also a white bass migratory spawning run upstream of High Rock Lake. Abbott's Creek is a larger creek with several different species of fish for harvest, such as catfish, large mouth bass, and sunfish.

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

July 11, 1997

Ms. Allison Best
Davidson County Health Department
P.O. Box 439
Lexington, NC 27292

SUBJECT: Soil Sampling Results
Triple Plating Inc.
Thomasville, Davidson County, NC

Dear Ms. Best:

As you are aware, the NC Superfund Section collected samples from the backyard area of 3 Fisher Ferry Street and from the Triple Plating property on April 30, 1997 as part of an environmental assessment of the subject site. Samples were analyzed by the State Laboratory of Public Health for the chemicals listed on the attached sheets. The contaminants listed below were detected in the soil samples. Concentrations are expressed in parts per million (ppm).

Sample Location	Contaminant	Soil Concentration (ppm)	Inactive Hazardous Sites Remediation Goals and Federal Screening Levels (ppm)
Beneath Swing set	Lead	570	400
Triple Plating building sump	PCB	40	1
	Lead	4000	400

Our toxicologist has determined that these contaminants are measured at concentrations which are significantly above state and federal cleanup levels. Lead and PCB are a considerable risk to children. Children, as well as adults, should not be in direct contact with these areas where contaminants exceed the state and federal levels. Therefore, we advise that children keep away from the swing set area.

If you have any questions regarding health concerns, please contact the Davidson County Health Department at (910) 242-2310 or Hanna Assefa, NC Superfund Section Toxicologist, at (919)733-2801 (ext. 280). If you have any other questions, please contact Stephanie Kozel of the NC Superfund Section at (919)733-2801 (ext. 316).

Sincerely,

Bruce Nicholson, Head
Special Remediation Branch
NC Superfund Section

attachments
cc: Ms. Lee Kenney
Ms. Bertha Perry
Stephanie Kozel
file

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017155

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:40 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-005-SL
___ Surface water (2)	___ Liquid (6)	Swingset Composite
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	180
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	210
___ Fluoride	
___ Iron	
X Lead	570
___ Manganese	
X Mercury	0.29
___ Nitrate	
X Selenium	<2
X Silver	55
___ Sulfates	
X Zinc	270
X pH	5.6
___ Conductivity	
___ TDS	
___ TOC	
X nickel	20

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006015 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3181 Revised 2/9

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020141

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-003-SL
____ Surface water (2)	____ Liquid (6)	Sump #3 (pipe)
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCB's (1254)	40.4 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP
PCB's 5-21-97 VP
Reported by _____

Date Extracted BNA 5-14-97 BD
PCB's 5-22-97 VP
Date Reported _____

Date Analyzed BNA 5-21-97 BD
Lab Number 971571

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017153

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Kord ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	Sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	7.8
X Barium	190
X Cadmium	<9.8
___ Chloride	
X Chromium	1100
X Copper	1700
___ Fluoride	
___ Iron	
X Lead	4000
___ Manganese	
X Mercury	0.41
___ Nitrate	
X Selenium	<2
X Silver	810
___ Sulfates	
X Zinc	5200
X pH	7.9
___ Conductivity	
___ TDS	
___ TOC	
X Nickel	430

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006013 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2-91)

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

July 11, 1997

Ms. Lee Kenney
3 Fischer Ferry Street
Thomasville, NC 27361

SUBJECT: Soil Sampling Results
Triple Plating Inc.
Thomasville, Davidson County, NC

Dear Ms. Kenney:

As you are aware, the NC Superfund Section collected samples from the backyard area of 3 Fisher Ferry Street and from the Triple Plating property on April 30, 1997 as part of an environmental assessment of the subject site. Samples were analyzed by the State Laboratory of Public Health for the chemicals listed on the attached sheets. The contaminants listed below were detected in the soil samples. Concentrations are expressed in parts per million (ppm).

Sample Location	Contaminant	Soil Concentration (ppm)	Inactive Hazardous Sites Remediation Goals and Federal Screening Levels (ppm)
Beneath Swing set	Lead	570	400
Triple Plating building sump	PCB	40	1
	Lead	4000	400

Our toxicologist has determined that these contaminants are measured at concentrations which are significantly above state and federal cleanup levels. Lead and PCB are a considerable risk to children. Children, as well as adults, should not be in direct contact with these areas where contaminants exceed the state and federal levels. Therefore, we advise that you keep children away from the swing set area.

If you have any questions regarding health concerns, please contact the Davidson County Health Department at (910) 242-2310 or Hanna Assefa, NC Superfund Section Toxicologist, at (919)733-2801 (ext. 280). If you have any other questions, please contact Stephanie Kozel of the NC Superfund Section at (919)733-2801 (ext. 316).

Sincerely,

Bruce Nicholson, Head
Special Remediation Branch
NC Superfund Section

attachments
cc: Ms. Allison Best, DCHD
Ms. Bertha Perry
Stephanie Kozel
file

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017155

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:40 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-005-SL
___ Surface water (2)	___ Liquid (6)	Swinget Composite
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	180
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	210
___ Fluoride	
___ Iron	
X Lead	570
___ Manganese	
X Mercury	0.29
___ Nitrate	
X Selenium	<2
X Silver	55
___ Sulfates	
X Zinc	270
X pH	5.6
___ Conductivity	
___ TDS	
___ TOC	
X nickel	20

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006015 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2-91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020141

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	Sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results (mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results (mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's (1254)	40.4 ppm

Inorganic Chemistry

Parameter	Results (mg/l) (mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results (mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____
PCB's 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported _____
PCB's 5-22-97 VP
Date Analyzed BNA 5-21-97 BD Lab Number 971571

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017153

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Kord ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	7.8
X Barium	190
X Cadmium	<9.8
___ Chloride	
X Chromium	1100
X Copper	1700
___ Fluoride	
___ Iron	
X Lead	4000
___ Manganese	
X Mercury	0.41
___ Nitrate	
X Selenium	<2
X Silver	810
___ Sulfates	
X Zinc	5200
X pH	7.9
___ Conductivity	
___ TDS	
___ TOC	
X nickel	430

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006013 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 Lev. 5

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

July 11, 1997

Ms. Bertha Perry
1601 Heathgate Court
High Point, NC 27262

SUBJECT: Soil Sampling Results
Triple Plating Inc.
Thomasville, Davidson County, NC

Dear Ms. Perry:

As you are aware, the NC Superfund Section collected samples from the backyard area of 3 Fisher Ferry Street and from the Triple Plating property on April 30, 1997 as part of an environmental assessment of the subject site. Samples were analyzed by the State Laboratory of Public Health for the chemicals listed on the attached sheets. The contaminants listed below were detected in the soil samples. Concentrations are expressed in parts per million (ppm).

Sample Location	Contaminant	Soil Concentration (ppm)	Inactive Hazardous Sites Remediation Goals and Federal Screening Levels (ppm)
Beneath Swing set	Lead	570	400
Triple Plating building sump	PCB	40	1
	Lead	4000	400

Our toxicologist has determined that these contaminants are measured at concentrations which are significantly above state and federal cleanup levels. Lead and PCB are a considerable risk to children. Children, as well as adults, should not be in direct contact with these areas where contaminants exceed the state and federal levels. Therefore, we advise that children keep away from the swing set area.

If you have any questions regarding health concerns, please contact the Davidson County Health Department at (910) 242-2310 or Hanna Assefa, NC Superfund Section Toxicologist, at (919)733-2801 (ext. 280). If you have any other questions, please contact Stephanie Kozel of the NC Superfund Section at (919)733-2801 (ext. 316).

Sincerely,

Bruce Nicholson, Head
Special Remediation Branch
NC Superfund Section

attachments
cc: Ms. Allison Best, DCHD
Ms. Lee Kinney
Stephanie Kozel
file

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017155

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:40 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-005-SC
___ Surface water (2)	___ Liquid (6)	Swingset Composite
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	180
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	210
___ Fluoride	
___ Iron	
X Lead	570
___ Manganese	
X Mercury	0.29
___ Nitrate	
X Selenium	<2
X Silver	55
___ Sulfates	
X Zinc	270
X pH	5.6
___ Conductivity	
___ TDS	
___ TOC	
X nickel	20

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006015 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 Revised 2-9

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020141

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 11:43 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	Sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's (1254)	40.4 ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____
PCB's 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported ____
PCB's 5-22-97 VP
Date Analyzed BNA 5-21-97 BD Lab Number 972571

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017153

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Kord ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	7.8
X Barium	190
X Cadmium	<9.8
___ Chloride	
X Chromium	1100
X Copper	1700
___ Fluoride	
___ Iron	
X Lead	4000
___ Manganese	
X Mercury	0.41
___ Nitrate	
X Selenium	<2
X Silver	810
___ Sulfates	
X Zinc	5200
X pH	7.9
___ Conductivity	
___ TDS	
___ TOC	
X nickel	430

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006013 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 Revised

Lead - Sump oven

Chromium - TP-003-SL - Sump #3 Grape
Lead

Lead - TP-004-SL / Transformer area

Lead - TP-005-SL Sumpset

Lead - TP-006-SL 1st Sump area

Lead TP-012-SL

PCB - TP-003-SL

MEMORANDUM

DATE: July 10, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: H. Assefa's Toxicologist Review
and Telecon with the Davidson County Health Dept.
Triple Plating Facility
NCD #982 115 370

On July 10, 1997, I met with Hanna Assefa, the NC Superfund Toxicologist, about the sampling data from the Triple Plating sampling event on April 30, 1997. Hanna reviewed the analytical data to determine if any of the contaminants found on-site were a dermal contact risk. She stated that lead levels in several areas, as well as PCB and chromium in one of the sumps on the property, were higher than the Inactive Hazardous Sites Cleanup Goals and higher than the Federal Screening levels. Attached is the informal rough copy of Hanna's findings, where she listed the sample location, sample number, and contaminants that exceed the state and federal numbers.

On the same day, I spoke with Mr. John Hendren of the Davidson County Health Department (910-242-2310). I wanted to notify him that the data from sampling event from April 30, 1997 indicated elevated levels of lead and PCBs, and slightly elevated levels of chromium. I stated that I was sending the owner of the property, Ms. Bertha Perry, and the renter of the property, Ms. Kenney, a letter stating the high levels of these contaminants and the risk of direct soil contact to children, as well as adults. Mr. Hendren stated that he would contact Ms. Kenney and Ms. Perry, and that the children should be tested to ensure their safety. I also told Mr. Hendren, that if he had any further question regarding toxicology, that Hanna Assefa would be expecting his call.

NCDEHNR
Division of Waste Management
☒ Superfund Section
☐ Hazardous Waste Section
☐ Solid Waste Section

Organics Lab: ____
Inorganics Lab: X

CHAIN OF CUSTODY RECORD

Project Name: Triple Plating	Sampled By: Stephanie Kozel
Site ID # (NCD#) NCD 982115370	Sampler ID ____
Location: Thomasville	Telephone: (919) 733-2801
Address: 27 Main St.	Date Sampled: 4-29-97
	Time Sampled: ____

Sample Types: Soil X Water X Waste X Other X (sediment)

Remarks: * may be concentrated waste

Field Sample Numbers

017151	*017152	017153	017154	017155	017156	017157
017158	017159	017160	017161	017162	017163	017164
017165	017166	017167	017168	017169	017170	017171
					017172	017173 SLK

Relinquished By: Stephanie L. Kozel (Signature) Date: 5-1-97 Time: 12:51 pm.

Received By: Joyce Darin (Signature) Date: 5-1-97 Time: 12:51

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Results Reported: M E Walker (Signature) Date: 1 July 97 Time: ____

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017151

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:20 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-001-SL
___ Surface water (2)	___ Liquid (6)	Background by
X Soil (3)	___ Sludge (7)	Cows house.
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results (mg/kg)
X Arsenic	<3.9
X Barium	60
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	12
___ Fluoride	
___ Iron	
X Lead	35
___ Manganese	
X Mercury	0.07
___ Nitrate	
X Selenium	<2
X Silver	<9.8
___ Sulfates	
X Zinc	41
X pH	5.9
___ Conductivity	
___ TDS	
___ TOC	
X nickel	16

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

006011 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017152

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time _____

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-002-SL
___ Surface water (2)	___ Liquid (6)	Sump area #2
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	80
X Barium	120
X Cadmium	12
___ Chloride	
X Chromium	61
X Copper	1200
___ Fluoride	
___ Iron	
X Lead	2200
___ Manganese	
X Mercury	0.38
___ Nitrate	
X Selenium	<2
X Silver	360
___ Sulfates	
X Zinc	2400
X pH	7.6
___ Conductivity	
___ TDS	
___ TOC	
X nickel	290

Organic Compounds

Organic Compounds	Results(mg/l)
benzene	
carbon tetrachloride	
chlordane	
chlorobenzene	
chloroform	
o-cresol	
m-cresol	
p-cresol	
cresol	
1,4-dichlorobenzene	
1,2-dichloroethane	
1,1-dichloroethylene	
2,4-dinitrotoluene	
heptachlor	
hexachlorobenzene	
hexachlorobutadiene	
hexachloroethane	
methyl ethyl ketone	
nitrobenzene	
pentachlorophenol	
pyridine	
tetrachloroethylene	
trichloroethylene	
2,4,5-trichlorophenol	
2,4,6-trichlorophenol	
vinyl chloride	
endrin	
lindane	
methoxychlor	
toxaphene	
2,4-D	
2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

005012 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017153

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	7.8
X Barium	190
X Cadmium	<9.8
___ Chloride	
X Chromium	1100
X Copper	1700
___ Fluoride	
___ Iron	
X Lead	4000
___ Manganese	
X Mercury	0.41
___ Nitrate	
X Selenium	<2
X Silver	810
___ Sulfates	
X Zinc	5200
X pH	7.9
___ Conductivity	
___ TDS	
___ TOC	
X nickel	430

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006013 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017154

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Kozel ID# _____ Date Collected 4-29-97 Time 11:00 am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-004-SL
___ Surface water (2)	___ Liquid (6)	transformer area
X Soil (3)	___ Sludge (7)	(composite)
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	160
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	180
___ Fluoride	
___ Iron	
X Lead	510
___ Manganese	
X Mercury	0.34
___ Nitrate	
X Selenium	<2
X Silver	100
___ Sulfates	
X Zinc	790
X pH	7.5
___ Conductivity	
___ TDS	
___ TOC	
X nickel	29

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006014 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017155

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:40 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-005-SL
___ Surface water (2)	___ Liquid (6)	Swingset Composite
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	180
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	210
___ Fluoride	
___ Iron	
X Lead	570
___ Manganese	
X Mercury	0.29
___ Nitrate	
X Selenium	<2
X Silver	55
___ Sulfates	
X Zinc	270
X pH	5.6
___ Conductivity	
___ TDS	
___ TOC	
X nickel	20

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006015 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017156

Name of Site Triple Plating Site Location Thomasville, 27 Mari St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:45 am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-006-SL
___ Surface water (2)	___ Liquid (6)	1st sump area
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results (mg/kg)
X Arsenic	3.9
X Barium	650
X Cadmium	<9.8
___ Chloride	
X Chromium	580
X Copper	190
___ Fluoride	
___ Iron	
X Lead	1300
___ Manganese	
X Mercury	0.12
___ Nitrate	
X Selenium	<2
X Silver	24
___ Sulfates	
X Zinc	470
X pH	7.4
___ Conductivity	
___ TDS	
___ TOC	
X nickel	250

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

006016 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017157

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 1155 am

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-012-SL
___ Surface water (2)	___ Liquid (6)	"Spill" area
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	370
X Cadmium	<9.8
___ Chloride	
X Chromium	130
X Copper	260
___ Fluoride	
___ Iron	
X Lead	600
___ Manganese	
X Mercury	<0.1
___ Nitrate	
X Selenium	<2
X Silver	63
___ Sulfates	
X Zinc	250
X pH	7.8
___ Conductivity	
___ TDS	
___ TOC	
X nickel	180

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006017 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017158

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Kozel ID# _____ Date Collected 4-29-97 Time 2:45 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-007-SD
___ Surface water (2)	___ Liquid (6)	top of wetland
___ Soil (3)	___ Sludge (7)	
X Other (4) (sediment)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	27
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	37
___ Fluoride	
___ Iron	
X Lead	43
___ Manganese	
X Mercury	<0.1
___ Nitrate	
X Selenium	<2
X Silver	<9.8
___ Sulfates	
X Zinc	65
X pH	7.1
___ Conductivity	
___ TDS	
___ TOC	
X nickel	18

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

005018 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017160

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-107-SD
___ Surface water (2)	___ Liquid (6)	top of wetland (dup)
___ Soil (3)	___ Sludge (7)	
X Other (4) (sed.)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	29
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	49
___ Fluoride	
___ Iron	
X Lead	55
___ Manganese	
X Mercury	<0.09
___ Nitrate	
X Selenium	<2
X Silver	<9.8
___ Sulfates	
X Zinc	76
X pH	7.0
___ Conductivity	
___ TDS	
___ TOC	
X nickel	22

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006019 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017162

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:15 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-009-SD
___ Surface water (2)	___ Liquid (6)	End of wetland
___ Soil (3)	___ Sludge (7)	
X Other (4) (sed)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	37
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	160
___ Fluoride	
___ Iron	
X Lead	100
___ Manganese	
X Mercury	<0.09
___ Nitrate	
X Selenium	<2
X Silver	16
___ Sulfates	
X Zinc	74
X pH	7.4
___ Conductivity	
___ TDS	
___ TOC	
X nickel	25

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 005020 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017165

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 3:50

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-010-SD
___ Surface water (2)	___ Liquid (6)	Upstream N. Hamby
___ Soil (3)	___ Sludge (7)	Creek
X Other (4) (sed)	___ Other (8)	

Organic Chemistry

Parameter	Results (mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	<3.9
X Barium	18
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	20
___ Fluoride	
___ Iron	
X Lead	22
___ Manganese	
X Mercury	<0.09
___ Nitrate	
X Selenium	<2
X Silver	<9.8
___ Sulfates	
X Zinc	47
X pH	7.2
___ Conductivity	
___ TDS	
___ TOC	
X nickel	16

TCLP Compounds

Inorganic Compounds	Results (mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results (mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006021 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017172

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 330

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-011-SD
___ Surface water (2)	___ Liquid (6)	Downstream on
___ Soil (3)	___ Sludge (7)	N. Hamby Creek.
X Other (4) (sed)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results ~~(mg/l)~~ (mg/kg)
X Arsenic	5.9
X Barium	24
X Cadmium	<9.8
___ Chloride	
X Chromium	<9.8
X Copper	16
___ Fluoride	
___ Iron	
X Lead	71
___ Manganese	
X Mercury	<0.09
___ Nitrate	
X Selenium	<2
X Silver	<9.8
___ Sulfates	
X Zinc	57
X pH	6.8
___ Conductivity	
___ TDS	
___ TOC	
X nickel	12

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 22 MAY 197

Date Analyzed _____ Lab Number _____

006

DHS 3191 (Revised 2/91)

MEMORANDUM

DATE: June 20, 1997

TO: File

FROM: Stephanie L. Kozel SLK
Hydrogeologist
NC Superfund Section

RE: Conversation with Ms. Bertha Perry, landowner
Triple Plating, Thomasville, Davidson County
NCD#982 115 370

I spoke today with Ms. Bertha Perry, land owner of 27 West Main Street, Thomasville. She stated that her husband and she bought the property in 1971 from a realtor in Thomasville. She could not remember the realtors name or who owned the property before they purchased it. She said her husband and her rented the property to Mr. Robert E. Gaddy, owner of Triple Plating. She is distraught with the events that have taken place since Mr. Gaddy abandoned the building. She claims Mr. Gaddy is responsible and has committed several other hazardous waste offenses, such as illegally dumping several drums on a South Carolina highway and subsequently fined $10, 000 by the State of South Carolina. Ms. Perry had the current address and phone number for Mr. Gaddy, 3985 Valley Forge Drive, Trinity, NC 27370, (910)431-1755.

MEMORANDUM

DATE: June 18, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Total Population Receiving Drinking Water From Groundwater
Triple Plating Facility
NCD #982 115 370

The city of Thomasville and a majority of Davidson County and the surrounding counties receive drinking water from the municipal water supply systems. The following table shows the total estimated population receiving drinking water from groundwater within the four-mile radius of the site. This was determined by counting the number of houses on the USGS topographic map that use private wells to supply drinking water to the household. These houses were counted and multiplied by 2.85 persons-per-household (the population density for Davidson County in the 1990 US Census). Population data reported by the North Carolina State Center for Geographic Information and Analysis (CGIA) and the house count was used to calculate the population for the various distance rings of the site.

Total Estimated Population Receiving Drinking Water From Groundwater Wells

Distance Ring (miles)	Population served by Private Supply Wells	Cumulative Population using Groundwater
0.00 - 0.25	0	0
0.25 - 0.50	0	0
0.50 - 1.00	0	0
1.00 - 2.00	0	0
2.00 - 3.00	271	271
3.00 - 4.00	912	1183

MEMORANDUM

DATE: June 18, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Telecon. with Robert Stroupe of Stroupe Mirror Co.
Triple Plating, Thomasville, Davidson County
NCD #982 115 370

On June 18, 1997, I spoke with Mr. Robert Stroupe, president of Stroupe Mirror Company, Thomasville, NC (910-475-2181). He stated that he had worked at the mirror manufacturer starting in 1946. His father started the company in 1932 on 27 West Main Street in Thomasville, the location of the Triple Plating facility. Mrs. Stroupe, mother of Robert Stroupe, bought a section of the property in 1930 from a car dealership/repair shop. Mr Privo, of Thomasville, NC, bought the remaining property from the dealership. When Mrs. Stroupe passed away in 1971, her portion of the property was sold to Mr. Privo. Mr. Privo leased the property to Stroupe Mirror until they moved to their new location, 102 East Holly Hill, Thomasville in 1971. Mr. Stroupe stated that after they relocated, he is not certain about the transfer of the property but that he believes Mr. Privo sold the property to a woman, possibly Ms. Perry, in 1972 or 1973.

Stroupe Mirror manufactured mirrors for the furniture industries within Thomasville since 1931 to present. The processes for manufacturing mirrors at Stroupe is as follows: Glass blanks were purchased and cleaned, silver was applied to the glass by the precipitation of silver nitrate. The silver and silver nitrate were reused and recycled in the manufacturing process. The unusable waste was discharged into the city wastewater treatment facility in Thomasville. Once the silver is applied, the mirror backing was painted with black spray paint. Mr. Stroupe stated that the chemicals used and waste produces in the process were silver, silver nitrate, stannous chloride (a sensitizing agent to help the silver adhere to the glass), and acid (which he believed was nitric).

I reviewed the Hazardous Waste Section files for information pertaining to Stroupe Mirror. They are a small quantity generator and currently produce several waste products which are either recycled or disposed of in a lined hazardous waste landfill. Files from 1987-1988 indicate waste generated also includes paint thinner for clean-up (n-butyl acetate), glass cleaner (propyl acetate), mirror cullet, and paint solids. Stroupe Mirror was in violation of Hazardous Waste Management rules (did not submit annual report to the DEHNR) and was fined in 1987.

MEMORANDUM

DATE: June 13, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Flood Insurance Rate Maps and the Area
Triple Plating Facility
NCD #982 115 370

Attached is the Flood Insurance Rate Map (FIRM) for the Thomasville Area. The site is located within the Thomasville City Limits. The FIRM map does not include the area within Thomasville's City Limits where the site is located. From observation, the site is at a higher elevation than the small intermittent creek. The site appears to not be within the flood plain of the intermittent creek nor the flood plain of North Hamby Creek, south of the site.

MEMORANDUM

DATE: June 10, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Stream Flow Rate Calculations of Surface Water Pathways
Triple Plating Facility
NCD #982 115 370

Below are the flow rates for the four segments of the surface water pathway. Each segment was calculated using the equation for estimating low-flow frequency characteristics of stream in North Carolina.

Mean Annual Flow = (Mean Annual Runoff)(Drainage Area)

Surface Water Body	Mean Annual Runoff $(ft^3/s)/mi^2$	Drainage Area mi^2	Flow Rate ft^3/s
North Hamby Creek	0.9	1.26	1.13
Hamby Creek	0.9	16.4	14.76
Rich Fork	0.9	78.7	70.83
Abbotts Creek	0.9	171.0	153.90

NCDEHNR
Division of Waste Management
☒ Superfund Section
☐ Hazardous Waste Section
☐ Solid Waste Section

Organics Lab: X
Inorganics Lab: ____

CHAIN OF CUSTODY RECORD

Project Name: Triple Plating	Sampled By: Stephanie Kozel
Site ID # (NCD#) NCD 982 115 370	Sampler ID ____
Location: Thomasville	Telephone: (919) 733-2801
Address: 27 Main St.	Date Sampled: 4-29-97
	Time Sampled: ____

Sample Types: Soil X Water X Waste X Other X Sediment

Remarks: * may be concentrated waste

Field Sample Numbers

020136	020137	*020138	*020139	020140	020141	020142
020143	020144	020145	020146	020147	020148	020149
020150	020151	020152	020153	020154	020155	020156

Relinquished By: Stephanie L. Kozel (Signature) Date: 5-1-97 Time: 1:06 pm

Received By: Vicki S. Painter (Signature) Date: 5-1-97 Time: 1:06 pm

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Results Reported: John R. Real (Signature) Date: 6/09/97 Time: ____

NCDEHNR
Division of Waste Management
☒ Superfund Section
☐ Hazardous Waste Section
☐ Solid Waste Section

Organics Lab: X
Inorganics Lab: ____

CHAIN OF CUSTODY RECORD

Project Name: Triple Plating	Sampled By: Stephanie Kozel
Site ID # (NCD#) NCD982 115 370	Sampler ID ____
Location: Thomasville	Telephone: (919) 733-2801
Address: 27 W. Main St.	Date Sampled: 4-29-97
	Time Sampled: ____

Sample Types: Soil X Water X Waste X Other X

Remarks: ____

Field Sample Numbers: 020157, 020158, 020159, 020160, 020161, 020162, 020163, 020164, 020165, 020166, 020167, 020168, 020169, 020170

Relinquished By: Stephanie L. Kozel (Signature) Date: 5-1-97 Time: 1:06 pm

Received By: Vicki S. Painter (Signature) Date: 5-1-97 Time: 1:06 pm

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Results Reported: John R. Neal (Signature) Date: 6/09/97 Time: ____

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971666	971668	971670	971672	971674	971676
	FIELD NO	20136	20138	20140	20142	20144	20146
COMPOUND	TYPE	(3)	(3)	(3)	(3)	(3)	(3)
	MDL's (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
CHLOROMETHANE	20	u	u	u	u	u	u
VINYL CHLORIDE	10	↓	↓	↓	↓	↓	↓
BROMOMETHANE	20	↓	↓	↓	↓	↓	↓
CHLOROETHANE	10	↓	↓	↓	↓	↓	↓
TRICHLOROFLUOROMETHANE	10	↓	↓	↓	↓	↓	↓
ACETONE	20	4 J,C	8 J,C	47	8 J,C	↓	↓
1,1-DICHLOROETHENE	5	u	u	u	u	↓	↓
IODOMETHANE	↓	↓	↓	↓	↓	↓	↓
METHYLENE CHLORIDE	↓	8 C	7 C	trace C	trace C	trace C	↓
CARBON DISULFIDE	↓	trace	1 J	trace	u	u	↓
TRANS-1,2-DICHLOROETHENE	↓	u	u	u	↓	↓	↓
ACRYLONITRILE	20	↓	↓	↓	↓	↓	↓
1,1-DICHLOROETHANE	5	↓	↓	↓	↓	↓	↓
2-BUTANONE	20	↓	↓	11 J	↓	↓	↓
CIS-1,2-DICHLOROETHENE	5	↓	↓	u	↓	↓	↓
CHLOROFORM	↓	↓	↓	↓	↓	↓	↓
1,1,1-TRICHLOROETHANE	↓	↓	↓	↓	↓	↓	↓
CARBON TETRACHLORIDE	↓	↓	↓	↓	↓	↓	↓
BENZENE	↓	↓	↓	trace	↓	↓	↓
1,2-DICHLOROETHANE	↓	↓	↓	u	↓	↓	↓
TRICHLOROETHENE	↓	↓	↓	↓	↓	↓	↓
1,2-DICHLOROPROPANE	↓	↓	↓	↓	↓	↓	↓
BROMODICHLOROMETHANE	✓	✓	✓	✓	✓	✓	✓

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED. MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971666	971668	971670	971672	971674	971676
	FIELD NO	20136	20138	20140	20142	20144	20146
COMPOUND	TYPE	(3)	(3)	(3)	(3)	(3)	(3)
	MDL's (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
DIBROMOMETHANE	5	U	U	U	U	U	U
4-METHYL-2-PENTANONE	10			2 J			
CIS-1,3-DICHLOROPROPENE	5		↓	U			
TOLUENE	↓		trace	↓ J			
TRANS-1,3-DICHLOROPROPENE			U	U			
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE	↓			↓			
2-HEXANONE	10			1 J			
TETRACHLOROETHENE	5			U			
DIBROMOCHLOROMETHANE							
ETHYLENE DIBROMIDE							
CHLOROBENZENE							
1,1,1,2-TETRACHLOROETHANE				↓			
ETHYL BENZENE				trace			
XYLENES				trace			
STYRENE	↓			trace			
BROMOFORM	10			U			
2/ TRANS-1,4-DICHLORO-2-BUTENE	80						
1,2,3-TRICHLOROPROPANE	5						
1,4-DICHLOROBENZENE							
1,2-DICHLOROBENZENE	↓						
1,2-DIBROMO-3-CHLOROPROPANE	20						
2/ VINYL ACETATE	200	↓	↓	↓	↓	↓	↓
Hydrocarbons & other cpds.	(+)/(−)	(−)	(−)	(+)	(−)	(−)	(−)

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED, MDL'S DO NOT APPLY.

(3)

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971678	971680	971682	971684	971686	971688
	FIELD NO	20148	20150	20152	20154	20156	20158
COMPOUND	TYPE	(3)	(3)	(2)	(4)	(2)	(4)
	MDL'S (ppb)	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm
CHLOROMETHANE	20	u	u	u	u	u	u
VINYL CHLORIDE	10						
BROMOMETHANE	20						
CHLOROETHANE	10						
TRICHLOROFLUOROMETHANE	10				✓	✓	✓
ACETONE	20				10 J,C	6 J,C	7 J,C
1,1-DICHLOROETHENE	5				u	u	u
IODOMETHANE					✓	✓	
METHYLENE CHLORIDE				✓	trace	1 J,C	
CARBON DISULFIDE				trace	u	trace	
TRANS-1,2-DICHLOROETHENE	✓			u		u	
ACRYLONITRILE	20						
1,1-DICHLOROETHANE	5						
2-BUTANONE	20						
CIS-1,2-DICHLOROETHENE	5						
CHLOROFORM							
1,1,1-TRICHLOROETHANE							
CARBON TETRACHLORIDE							
BENZENE							
1,2-DICHLOROETHANE							
TRICHLOROETHENE							
1,2-DICHLOROPROPANE							
BROMODICHLOROMETHANE	✓	✓	✓	✓	✓	✓	✓

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED. MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971678	971680	971682	971684	971686	971688
	FIELD NO	20148	20150	20152	20154	20156	20158
COMPOUND	TYPE	(3)	(3)	(2)	(4)	(2)	(4)
	MDL's (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
DIBROMOMETHANE	5	u	u	u	u	u	u
4-METHYL-2-PENTANONE	10						
CIS-1,3-DICHLOROPROPENE	5						
TOLUENE	↓						
TRANS-1,3-DICHLOROPROPENE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE	✓						
2-HEXANONE	10						
TETRACHLOROETHENE	5						
DIBROMOCHLOROMETHANE	↓						
ETHYLENE DIBROMIDE							
CHLOROBENZENE							
1,1,1,2-TETRACHLOROETHANE							
ETHYL BENZENE							
XYLENES							
STYRENE	✓						
BROMOFORM	10						
2/ TRANS-1,4-DICHLORO-2-BUTENE	80						
1,2,3-TRICHLOROPROPANE	5						
1,4-DICHLOROBENZENE	↓						
1,2-DICHLOROBENZENE	✓						
1,2-DIBROMO-3-CHLOROPROPANE	20						
2/ VINYL ACETATE	200	✓	✓	✓	✓	✓	✓
Hydrocarbons &	(+)/(−)	(−)	(−)	(−)	(−)	(−)	(−)
other cpds.							

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED, MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971690	971692	971694	971696	971698	971700
	FIELD NO	20160	20162	20164	20166	20168	20170
COMPOUND	TYPE	(2)	(2)	(4)	(2)	(4)	(4)
	MDL's (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
CHLOROMETHANE	20	U	U	U	U	U	U
VINYL CHLORIDE	10						
BROMOMETHANE	20						
CHLOROETHANE	10						
TRICHLOROFLUOROMETHANE	10						
ACETONE	20					7 J,C	
1,1-DICHLOROETHENE	5					U	
IODOMETHANE							
METHYLENE CHLORIDE				trace C			
CARBON DISULFIDE				U			
TRANS-1,2-DICHLOROETHENE							
ACRYLONITRILE	20						
1,1-DICHLOROETHANE	5						
2-BUTANONE	20						
CIS-1,2-DICHLOROETHENE	5				trace		
CHLOROFORM			1 J		1 J		
1,1,1-TRICHLOROETHANE			U		U		
CARBON TETRACHLORIDE							
BENZENE			trace		trace		
1,2-DICHLOROETHANE			U		U		
TRICHLOROETHENE					trace		
1,2-DICHLOROPROPANE					U		
BROMODICHLOROMETHANE							

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED. MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	971690	971692	971694	971696	971698	971700
	FIELD NO	20160	20162	20164	20166	20168	20170
COMPOUND	TYPE	(2)	(2)	(4)	(2)	(4)	(4)
	MDL'S (ppb)	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm	(ppb) ppm
DIBROMOMETHANE	5	u	u	u	u	u	u
4-METHYL-2-PENTANONE	10						
CIS-1,3-DICHLOROPROPENE	5						
TOLUENE	↓						
TRANS-1,3-DICHLOROPROPENE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE	↓						
2-HEXANONE	10		↓		↓		
TETRACHLOROETHENE	5		trace		trace		
DIBROMOCHLOROMETHANE	↓		u		u		
ETHYLENE DIBROMIDE			↓		↓		
CHLOROBENZENE							
1,1,1,2-TETRACHLOROETHANE							
ETHYL BENZENE							
XYLENES							
STYRENE	↓						
BROMOFORM	10						
2/ TRANS-1,4-DICHLORO-2-BUTENE	80						
1,2,3-TRICHLOROPROPANE	5						
1,4-DICHLOROBENZENE	↓						
1,2-DICHLOROBENZENE	↓						
1,2-DIBROMO-3-CHLOROPROPANE	20						
2/ VINYL ACETATE	200	↓	↓	↓	↓	↓	↓
Hydrocarbons & other cpds.	(+)/(−)	(−)	(−)	(−)	(−)	(+) low level	(−)

C - POSSIBLE LAB CONTAMINATION OR BACKGROUND.
J - Estimated value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - COMPOUND RELIABLY DETECTABLE ONLY IN HIGH CONCENTRATIONS.
✓ - SAMPLE HIGHLY DILUTED. MDL'S DO NOT APPLY.

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020165

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 3:50

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-010-SD
____ Surface water (2)	____ Liquid (6)	Upstream Hamby
____ Soil (3)	____ Sludge (7)	Creek
X Other (4) (sed)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCB's	<0.10ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

PCB's 5-21-97 VP

Date Extracted BNA 5-14-97 BQ Date Reported ____

PCBs 6-3-97 VP

Date Analyzed BNA 5-23-97 BQ Lab Number 971695

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020166

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time ~~350~~ 320

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-011-SW
X Surface water (2)	X Liquid (6)	Downstream on
___ Soil (3)	___ Sludge (7)	N. Hamby Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-12-97 MJ Lab Number 971696

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020167

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time ~~330~~ 320

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-011-SW
X Surface water (2)	X Liquid (6)	Downstream m
___ Soil (3)	___ Sludge (7)	N. Hanby Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.0001ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

PCB's 5-20-97 VP, WG
Date Extracted BNA 5/5/97 JPM, WG Date Reported _____

PCB's 5-22-97 VP
Date Analyzed BNA 5-20-97 BD Lab Number 971697

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020168

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 330

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-011-SD
___ Surface water (2)	___ Liquid (6)	Downstream on
___ Soil (3)	___ Sludge (7)	N. Hamby Creek
X Other (4) (sed)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Date Received 5-1-97 VP Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed 5-14-97 MJ Lab Number 971698

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020169

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 339

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-011-SD
___ Surface water (2)	___ Liquid (6)	Downstream on
___ Soil (3)	___ Sludge (7)	N. Hawby Creek
X Other (4) (Sed)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.10ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by _____

PCB's 5-21-97 VP

Date Extracted BNA 5-14-97 BD Date Reported _____

PCB's 6-3-97 VP

Date Analyzed BNA 5-23-97 BD Lab Number 971699

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number ~~020153~~ 020154

Name of Site Triple Plating Site Location Thomasville, 27 main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-107-SD
____ Surface water (2)	____ Liquid (6)	top of wetland (dup)
____ Soil (3)	____ Sludge (7)	
X Other (4) (sed)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed 5-14-97 NJ Lab Number 971684

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020155

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-107-SD
____ Surface water (2)	____ Liquid (6)	top of wetland (dup)
____ Soil (3)	____ Sludge (7)	
X Other (4) (sed)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCB's	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by _____

PCB's 5-21-97 VP

Date Extracted BNA 5-14-97 BD Date Reported _____

PCB's 5-23-97 VP

Date Analyzed BNA 5-23-97 BD Lab Number 971685

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020156

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-107-SW
X Surface water (2)	X Liquid (6)	top of wetland (aup)
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-8-97 nj Lab Number 971686

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020157

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-107-SW
X Surface water (2)	X Liquid (6)	top of wetland (dup)
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.0001 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

PCBs 5/20/97 VP, WG

Date Extracted BNA 5/5/97 JPM, WG Date Reported _____

PCBs 5-22-97 VP

Date Analyzed BNA 5-20-97 BZ Lab Number 971687

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020158

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:15 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-009-SD
____ Surface water (2)	____ Liquid (6)	End of wetland
____ Soil (3)	____ Sludge (7)	
X Other (4) (sed)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-14-97 nl Lab Number 971688

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020159

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:15 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-009-SD
___ Surface water (2)	___ Liquid (6)	End of wetland
___ Soil (3)	___ Sludge (7)	
X Other (4) (Sed)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCBs	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by ____
PCB 5-21-97 VP
Date Extracted BNA 5-14-97 BO Date Reported ____
PCBs 6-3-97 VP
Date Analyzed BNA 5-23-97 BO Lab Number 971689

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020160

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 1:50 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	____ Solid (5)	TP-009-SW
X Surface water (2)	X Liquid (6)	End of wetland
____ Soil (3)	____ Sludge (7)	
X Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-8-97 nJ Lab Number 971690

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020161

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 1:50pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	____ Solid (5)	TP-009-SW
X Surface water (2)	X Liquid (6)	End of wetland
____ Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCB's	<0.0001ppm

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

PCB's 5-20-97 VP, WG
Date Extracted BNA 5/5/97 WG JM Date Reported ____
PCB's 5-22-97 VP

Date Analyzed BNA 5-20-97 BD Lab Number 971691

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020162

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 3:40 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-010-SW
X Surface water (2)	X Liquid (6)	Upstream N. Hamby
___ Soil (3)	___ Sludge (7)	Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-12-97 nl Lab Number 971692

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020163

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 3:40 pm

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-010-SW
X Surface water (2)	X Liquid (6)	Upstream of N.
___ Soil (3)	___ Sludge (7)	Hamby Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.0001ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

PCB's 5-20-97 VP/WG

Date Extracted BNA 5/5/97 WG, JPM Date Reported _____

PCB's 5-22-97 VP

Date Analyzed BNA 5-20-97 BO Lab Number 971693

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020164

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 350

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP. 010-SO
____ Surface water (2)	____ Liquid (6)	Upstream Hamby
____ Soil (3)	____ Sludge (7)	Creek
X Other (4) (sed)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-14-97 TJ Lab Number 971694

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020136

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 10:20 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-001-SL
___ Surface water (2)	___ Liquid (6)	Background by Cox's
X Soil (3)	___ Sludge (7)	Home.
___ Other (4)	___ Other (8)	

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SUPERFUND SECTION

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by John E. Neal

Date Extracted ____ Date Reported 6/09/97

Date Analyzed 5-13-97 NJ Lab Number 971666

DHS 3191 (Revised 2/91)

#971666-971700

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020137

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 10:20 Am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-001-SL
____ Surface water (2)	____ Liquid (6)	Background by
X Soil (3)	____ Sludge (7)	Cox's House.
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCBs	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____
PCB 5-21-97 VP
Date Extracted BNA 5-14-97 BQ Date Reported ____
PCBs 5-22-97 VP
Date Analyzed BNA 5-21-97 BQ Lab Number 971667

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020138

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Kozel ID# ____ Date Collected 4-29-97 Time 11:05 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-002-SL
____ Surface water (2)	____ Liquid (6)	Sump area #2
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-13-97 MJ Lab Number 971668

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020139

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:05 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-002-SL
___ Surface water (2)	___ Liquid (6)	Sump area #2
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCBs	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____
PCBs 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported _____
PCBs 5-22-97 VP
Date Analyzed BNA 5-21-97 BD Lab Number 971669

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020140

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 11:43 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-003-SL
____ Surface water (2)	____ Liquid (6)	Sump #3 (pipe)
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-13-97 nj Lab Number 971670

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020141

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:43 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-003-SL
___ Surface water (2)	___ Liquid (6)	Sump #3 (pipe)
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results (mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results (mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's (1254)	40.4 ppm

Inorganic Chemistry

Parameter	Results (mg/l) (mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds

Organic Compounds	Results (mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by _____
PCB's 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported _____
PCB's 5-22-97 VP
Date Analyzed BNA 5-21-97 BD Lab Number 971671

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020142

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 11:05 Am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-004-SL
____ Surface water (2)	____ Liquid (6)	transformer area
X Soil (3)	____ Sludge (7)	(composite)
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed 5-13-97 TJ Lab Number 971672

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020143

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 11:00 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-004-SL
____ Surface water (2)	____ Liquid (6)	transformer area
X Soil (3)	____ Sludge (7)	(composite)
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
X Acid:B/N Ext.	
____ MTBE	
X PCB's	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

PCBs 5-21-97 VP

Date Extracted BNA 5-14-97 BD Date Reported ____

PCBs 5-22-97 VP

Date Analyzed BNA 5-21-97 BD Lab Number 971673

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020144

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 10:40 AM

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-005-SL
____ Surface water (2)	____ Liquid (6)	Swingset composite
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-13-97 NJ Lab Number 971674

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020145

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:40 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-005-SL
___ Surface water (2)	___ Liquid (6)	Swingset composite
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCBs	< 0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

PCBs 5-21-97 VP

Date Extracted BNA 5-14-97 BD Date Reported _____

PCBs 5-22-97 VP

Date Analyzed BNA 5-21-97 BD Lab Number 971675

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020146

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:45 Am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-006-SL
____ Surface water (2)	____ Liquid (6)	1st (new) sump area
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed 5-13-97 MJ Lab Number 971676

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115370 Field Sample Number 020147

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 10:45 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-006-SL
___ Surface water (2)	___ Liquid (6)	1st Sump area
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.10 ppm

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received 5-1-97 VP Reported by _____

PCB 5-21-97 VP

Date Extracted BNA 5-14-97 BD Date Reported _____

PCBs 5-22-97 VP

Date Analyzed BNA 5-21-97 BD Lab Number 971677

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020148

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 11:55 Am

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	X Solid (5)	TP-012-SL
____ Surface water (2)	____ Liquid (6)	"Spill" area
X Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-14-97 MJ Lab Number 971678

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 0 20149

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# Date Collected 4-29-97 Time 11:55 AM

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-012-SL
___ Surface water (2)	___ Liquid (6)	"spill" area
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results (mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results (mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCB's	<0.10 ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results (mg/l) (mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results (mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by
PCB's 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported
PCB's 5-23-97 VP
Date Analyzed BNA 5-22-97 BD Lab Number 971679

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020150

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Kozel ID# ____ Date Collected 4-29-97 Time 2:45 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-007-SD
___ Surface water (2)	___ Liquid (6)	top of wetland
___ Soil (3)	___ Sludge (7)	
X Other (4) (Sediment)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-14-97 TJ Lab Number 971680

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020151

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:45 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	X Solid (5)	TP-007-SD
___ Surface water (2)	___ Liquid (6)	top of wetland
___ Soil (3)	___ Sludge (7)	
X Other (4) (Sediment)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCBs	<0.10ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____
PCBs 5-21-97 VP
Date Extracted BNA 5-14-97 BD Date Reported ____
PCBs 5-23-97 VP
Date Analyzed BNA 5-22-97 BD Lab Number 971681

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020152

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:25 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	____ Solid (5)	TP-007-SW
X Surface water (2)	X Liquid (6)	top of wetland
____ Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-8-97 NJ Lab Number 971682

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD982115 370 Field Sample Number 020153

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 2:25 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-007-SW
X Surface water (2)	X Liquid (6)	top of wetland
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
X Acid:B/N Ext.	
___ MTBE	
X PCBs	<0.0001 ppm

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____
PCBs 5-20-97 VP, WG
Date Extracted 5/5/97 WG, JPM Date Reported ____
PCBs 5-22-97 VP
Date Analyzed BNA 5-20-97 BD Lab Number 971683

DHS 3191 (Revised 2/91)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971667	971669	971671	971673	971675	971677
	FIELD #	20137	20139	20141	20143	20145	20147
COMPOUND	TYPE	(3)	(3)	(3)	(3)	(3)	(3)
	UNITS	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg
N-nitrosodimethylamine	10/330	U	U	U	U	U	U
bis(2-chloroethyl)ether	↓	↓	↓	↓	↓	↓	↓
2-chlorophenol	↓	↓	↓	↓	↓	↓	↓
phenol	↓	↓	↓	↓	↓	↓	↓
1,3-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
1,4-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
1,2-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
bis(2-chloroisopropyl)ether	↓	↓	↓	↓	↓	↓	↓
hexachloroethane	↓	↓	↓	↓	↓	↓	↓
N-nitroso-di-n-propylamine	↓	↓	↓	↓	↓	↓	↓
nitrobenzene	↓	↓	↓	↓	↓	↓	↓
isophorone	↓	↓	↓	↓	↓	↓	↓
2-nitrophenol	↓	↓	↓	↓	↓	↓	↓
2,4-dimethylphenol	↓	↓	↓	↓	↓	↓	↓
bis(2-chloroethoxy)methane	↓	↓	↓	↓	↓	↓	↓
2,4-dichlorophenol	↓	↓	↓	↓	↓	↓	↓
1,2,4-trichlorobenzene	↓	↓	↓	↓	↓	↓	↓
naphthalene	↓	↓	↓	↓	↓	↓	↓
hexachlorobutadiene	↓	↓	↓	↓	↓	↓	↓
4-chloro-m-cresol	↓	↓	↓	↓	↓	↓	↓
hexachlorocyclopentadiene	↓	↓	↓	↓	↓	↓	↓
2,4,6-trichlorophenol	↓	↓	↓	↓	↓	↓	↓
2-chloronaphthalene	↓	↓	↓	↓	↓	↓	↓
acenaphthylene	↓	↓	↓	↓	↓	↓	↓
dimethyl phthalate	↓	↓	↓	↓	↓	↓	↓
2,6-dinitrotoluene	↓	↓	↓	↓	↓	↓	↓
acenaphthene	↓	↓	↓	↓	↓	↓	↓
2,4-dinitrophenol	50/1650	↓	↓	↓	↓	↓	↓
2,4-dinitrotoluene	10/330	↓	↓	↓	↓	↓	↓
4-nitrophenol	50/1650	↓	↓	↓	↓	↓	↓
fluorene	10/330	↓	↓	↓	↓	↓	↓
4-chlorophenylphenylether	↓	↓	↓	↓	↓	↓	↓
diethyl phthalate	↓	↓	↓	↓	↓	↓	↓
4,6-dinitro-o-cresol	50/1650	↓	↓	↓	↓	↓	↓
diphenylamine	10/330	↓	↓	↓	↓	↓	↓
azobenzene	↓	↓	↓	↓	↓	↓	↓
4-bromophenylphenylether	↓	↓	↓	↓	↓	↓	↓
hexachlorobenzene	↓	↓	↓	↓	↓	↓	↓
pentachlorophenol	50/1650	↓	↓	↓	↓	↓	↓
phenanthrene	10/330	↓	↓	↓	667	330K	3,333
anthracene	↓	↓	↓	↓	U	U	U
dibutyl phthalate	↓	↓	↓	↓	U	↓	U
fluoranthene	↓	↓	↓	↓	333	↓	3,333

MDL
H_2O/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

(2)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971667	971669	971671	971673	971675	971677
	FIELD #	20137	20139	20141	20143	20145	20147
COMPOUND	TYPE	(3)	(3)	(3)	(3)	(3)	(3)
	UNITS	~~ug/l~~ µg/kg	~~ug/l~~ µg/kg	~~ug/l~~ µg/kg	~~ug/l~~ µg/kg	~~ug/l~~ µg/kg	~~ug/l~~ µg/kg
pyrene	10/330	U	U	1,000	333	U	3,333
benzidine	50/1650			U	U		U
butyl benzyl phthalate	10/330						
benz(a)anthracene							
chrysene							
3,3-dichlorobenzidine	50/1650						
bis(2-ethylhexyl)phthalate	10/330		20,000	2,333	333	667	43,333
di-n-octyl phthalate	10/330		U	U	U	U	U
benzo(b)fluoranthene	50/1650						
benzo(k)fluoranthene							
benzo(a)pyrene							
indeno(1,2,3-cd)pyrene							
dibenzo(a,h)anthracene							
benzo(g,h,i)perylene							
aniline	50/1650	U	U	U	U	U	U
benzoic acid							
benzyl alcohol							
4-chloroaniline							
dibenzofuran	10/330						
2-methylnaphthalene							
2-methylphenol							
4-methylphenol							
2-nitroaniline	50/1650						
3-nitroaniline							
4-nitroaniline							
2,4,5-trichlorophenol							
PCB 1254 (CONFIRMATION by GC/MS)	+/-	-	-	+	-	-	-

MDL

J - Estimated value. H_2O/50ml

K - Actual value is known to be less than value given.

L - Actual value is known to be greater than value given.

U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL

NA - Not analyzed.

1/ - Tentative identification.

2/ - On NRDC List of Priority Pollutants.

(3)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971679	971681	971683	971685	971687	971689
	FIELD #	20149	20151	20153	20155	20157	20159
COMPOUND	TYPE	(3)	(4)	(2)	(4)	(2)	(4)
	UNITS	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg
N-nitrosodimethylamine	10/330	U	U	U	U	U	U
bis(2-chloroethyl)ether	↓	↓	↓	↓	↓	↓	↓
2-chlorophenol	↓	↓	↓	↓	↓	↓	↓
phenol	↓	↓	↓	↓	↓	↓	↓
1,3-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
1,4-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
1,2-dichlorobenzene	↓	↓	↓	↓	↓	↓	↓
bis(2-chloroisopropyl)ether	↓	↓	↓	↓	↓	↓	↓
hexachloroethane	↓	↓	↓	↓	↓	↓	↓
N-nitroso-di-n-propylamine	↓	↓	↓	↓	↓	↓	↓
nitrobenzene	↓	↓	↓	↓	↓	↓	↓
isophorone	↓	↓	↓	↓	↓	↓	↓
2-nitrophenol	↓	↓	↓	↓	↓	↓	↓
2,4-dimethylphenol	↓	↓	↓	↓	↓	↓	↓
bis(2-chloroethoxy)methane	↓	↓	↓	↓	↓	↓	↓
2,4-dichlorophenol	↓	↓	↓	↓	↓	↓	↓
1,2,4-trichlorobenzene	↓	↓	↓	↓	↓	↓	↓
naphthalene	↓	↓	↓	↓	↓	↓	↓
hexachlorobutadiene	↓	↓	↓	↓	↓	↓	↓
4-chloro-m-cresol	↓	↓	↓	↓	↓	↓	↓
hexachlorocyclopentadiene	↓	↓	↓	↓	↓	↓	↓
2,4,6-trichlorophenol	↓	↓	↓	↓	↓	↓	↓
2-chloronaphthalene	↓	↓	↓	↓	↓	↓	↓
acenaphthylene	↓	↓	↓	↓	↓	↓	↓
dimethyl phthalate	↓	↓	↓	↓	↓	↓	↓
2,6-dinitrotoluene	↓	↓	↓	↓	↓	↓	↓
acenaphthene	↓	↓	↓	↓	↓	↓	↓
2,4-dinitrophenol	50/1650	↓	↓	↓	↓	↓	↓
2,4-dinitrotoluene	10/330	↓	↓	↓	↓	↓	↓
4-nitrophenol	50/1650	↓	↓	↓	↓	↓	↓
fluorene	10/330	↓	↓	↓	↓	↓	↓
4-chlorophenylphenylether	↓	↓	↓	↓	↓	↓	↓
diethyl phthalate	↓	↓	↓	↓	↓	↓	↓
4,6-dinitro-o-cresol	50/1650	↓	↓	↓	↓	↓	↓
diphenylamine	10/330	↓	↓	↓	↓	↓	↓
azobenzene	↓	↓	↓	↓	↓	↓	↓
4-bromophenylphenylether	↓	↓	↓	↓	↓	↓	↓
hexachlorobenzene	↓	↓	↓	↓	↓	↓	↓
pentachlorophenol	50/1650	↓	↓	↓	↓	↓	↓
phenanthrene	10/330	3,333	↓	↓	↓	↓	↓
anthracene	↓	U	↓	↓	↓	↓	↓
dibutyl phthalate	↓	U	↓	↓	↓	↓	↓
fluoranthene	↓	1,333	↓	↓	↓	333	↓

MDL
H_2O/501L

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

4

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971679	971681	971683	971685	971687	971689
	FIELD #	20149	20151	20153	20155	20157	20159
COMPOUND	TYPE	(3)	(4)	(2)	(4)	(2)	(4)
	UNITS	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg
pyrene	10/330	1,333	U	U	333	U	U
benzidine	50/1650	U			U		
butyl benzyl phthalate	10/330						
benz(a)anthracene							
chrysene							
3,3-dichlorobenzidine	50/1650						
bis(2-ethylhexyl)phthalate	10/330	1,000			1,000		
di-n-octyl phthalate	10/330	U			U		
benzo(b)fluoranthene	50/1650						
benzo(k)fluoranthene							
benzo(a)pyrene							
indeno(1,2,3-cd)pyrene							
dibenzo(a,h)anthracene							
benzo(g,h,i)perylene							
aniline	50/1650	U	U	U	U	U	U
benzoic acid							
benzyl alcohol							
4-chloroaniline							
dibenzofuran	10/330						
2-methylnaphthalene							
2-methylphenol							
4-methylphenol							
2-nitroaniline	50/1650						
3-nitroaniline							
4-nitroaniline							
2,4,5-trichlorophenol							
PCB	+/-	-	-	-	-	-	-
(CONFIRMATION BY GC/MS)							

MDL

H2O/50IL

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

(5)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971691		971693		971695		971697		971699		
	FIELD #	20161		20163		20165		20167		20169		
COMPOUND	TYPE	(2)		(2)		(4)		(2)		(4)		( )
	UNITS	µg/l	~~µg/kg~~	µg/l	~~µg/kg~~	~~µg/l~~	µg/kg	µg/l	~~µg/kg~~	~~µg/l~~	µg/kg	µg/l µg/kg
N-nitrosodimethylamine	10/330	K		K		K		K		K		
bis(2-chloroethyl)ether	↓											
2-chlorophenol												
phenol												
1,3-dichlorobenzene												
1,4-dichlorobenzene												
1,2-dichlorobenzene												
bis(2-chloroisopropyl)ether												
hexachloroethane												
N-nitroso-di-n-propylamine												
nitrobenzene												
isophorone												
2-nitrophenol												
2,4-dimethylphenol												
bis(2-chloroethoxy)methane												
2,4-dichlorophenol												
1,2,4-trichlorobenzene												
naphthalene												
hexachlorobutadiene												
4-chloro-m-cresol												
hexachlorocyclopentadiene												
2,4,6-trichlorophenol												
2-chloronaphthalene												
acenaphthylene												
dimethyl phthalate												
2,6-dinitrotoluene												
acenaphthene	↓											
2,4-dinitrophenol	50/1650											
2,4-dinitrotoluene	10/330											
4-nitrophenol	50/1650											
fluorene	10/330											
4-chlorophenylphenylether	↓											
diethyl phthalate												
4,6-dinitro-o-cresol	50/1650											
diphenylamine	10/330											
azobenzene	↓											
4-bromophenylphenylether												
hexachlorobenzene												
pentachlorophenol	50/1650											
phenanthrene	10/330											
anthracene	↓											
dibutyl phthalate												
fluoranthene	↓	✓		✓		✓		✓		✓		

MDL
H_2O/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

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STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	971691	971693	971695	971697	971699	
	FIELD #	20161	20163	20165	20167	20169	
COMPOUND	TYPE	(2)	(2)	(4)	(2)	(4)	( )
	UNITS	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg	µg/l µg/kg
pyrene	10/330	U	U	U	U	U	
benzidine	50/1650						
butyl benzyl phthalate	10/330						
benz(a)anthracene							
chrysene							
3,3-dichlorobenzidine	50/1650						
bis(2-ethylhexyl)phthalate	10/330						
di-n-octyl phthalate	10/330						
benzo(b)fluoranthene	50/1650						
benzo(k)fluoranthene							
benzo(a)pyrene							
indeno(1,2,3-cd)pyrene							
dibenzo(a,h)anthracene							
benzo(g,h,i)perylene							
aniline	50/1650	U	U	U	U	U	
benzoic acid							
benzyl alcohol							
4-chloroaniline							
dibenzofuran	10/330						
2-methylnaphthalene							
2-methylphenol							
4-methylphenol							
2-nitroaniline	50/1650						
3-nitroaniline							
4-nitroaniline							
2,4,5-trichlorophenol							

MDL
H_2O/501L

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 020170

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time ____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	Trip Blank
___ Surface water (2)	___ Liquid (6)	TP-201-TB
___ Soil (3)	___ Sludge (7)	(H_2O)
✓ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
X P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)(mg/kg)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received 5-1-97 VP Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed 5-12-97 MJ Lab Number 971700

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

RECEIVED
JUN 10 1997
SUPERFUND SECTION

Site Number NCD 982 115 370 Field Sample Number 017159

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:25 pm

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-007-SW
X Surface water (2)	X Liquid (6)	Top of Wetland
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results(mg/l) (~~mg/kg~~)
X Arsenic	<0.01
X Barium	0.2
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	0.09
___ Fluoride	
___ Iron	
X Lead	0.024
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	0.08
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 5 June 97

Date Analyzed _____ Lab Number _____

OUCCO MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017161

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Kozel ID# _____ Date Collected 4-29-97 Time 2:30pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-107-SW
X Surface water (2)	X Liquid (6)	top of wetland (dup)
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) (~~mg/kg~~)
X Arsenic	<0.01
X Barium	0.1
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	0.09
___ Fluoride	
___ Iron	
X Lead	0.030
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	0.08
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

006001 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017163

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# ____ Date Collected 4-29-97 Time 1:50 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-009-SW
X Surface water (2)	X Liquid (6)	End of Wetland
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) (~~mg/kg~~)
X Arsenic	<0.01
X Barium	0.1
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	<0.05
___ Fluoride	
___ Iron	
X Lead	<0.005
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	<0.05
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received ____ Reported by ____

Date Extracted ____ Date Reported 00E002 MAY 197

Date Analyzed ____ Lab Number ____

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017164

Name of Site Triple Plating Site Location Thomasville, 27 Mari St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 3:40

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-010-SW
X Surface water (2)	X Liquid (6)	Upstream of N.
___ Soil (3)	___ Sludge (7)	Hamby Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l)
X Arsenic	<0.01
X Barium	<0.1
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	<0.05
___ Fluoride	
___ Iron	
X Lead	<0.005
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	<0.05
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

006003 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 0171666

Name of Site Triple Plating Site Location Thomasville, 27 Mani St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time ~~3:57~~ 320

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-011-SW
X Surface water (2)	X Liquid (6)	Downstream on
___ Soil (3)	___ Sludge (7)	N. Hamby Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) (~~mg/kg~~)
X Arsenic	<0.01
X Barium	<0.1
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	<0.05
___ Fluoride	
___ Iron	
X Lead	<0.005
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	<0.05
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

006004 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017173

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Kozel ID# ____ Date Collected 4-29-97 Time ____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	Preservative Blank
___ Surface water (2)	___ Liquid (6)	TP-201-PB
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Inorganic Chemistry

Parameter	Results(mg/l) (~~mg/kg~~)
X Arsenic	<0.01
X Barium	<0.1
X Cadmium	<0.005
___ Chloride	
X Chromium	<0.01
X Copper	<0.05
___ Fluoride	
___ Iron	
X Lead	<0.005
___ Manganese	
X Mercury	<0.0005
___ Nitrate	
X Selenium	<0.005
X Silver	<0.05
___ Sulfates	
X Zinc	<0.05
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X nickel	<0.05

Organic Compounds

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Date Received ____ Reported by ____

Date Extracted ____ Date Reported ____

Date Analyzed ____ Lab Number ____

005010 MAY 197

DHS 3191 (Revised 2/91)

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N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017167

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:25 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-007-SW
X Surface water (2)	X Liquid (6)	top of wetland
___ Soil (3)	___ Sludge (7)	CN sample
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) ~~(mg/kg)~~
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X Cyanide	<0.5

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

005005 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

. . . epartment of Environment,
Health, & Natural Resources
Solid Waste Management Division

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017168

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 2:30 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	____ Solid (5)	TP-107-SW
X Surface water (2)	X Liquid (6)	top of wetland (dup)
____ Soil (3)	____ Sludge (7)	CN sample
____ Other (4)	____ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Chemistry

Parameter	Results(mg/l)
____ P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) ~~(mg/kg)~~
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	
X Cyanide	<0.5

Organic Compounds	Results(mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number 00E006 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017169

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 1:50 pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground water (1)	____ Solid (5)	TP-009-SW
X Surface water (2)	X Liquid (6)	End of wetland
____ Soil (3)	____ Sludge (7)	
____ Other (4)	____ Other (8)	

Organic Chemistry

Parameter	Results (mg/l)
____ P&T:GC/MS	
____ Acid:B/N Ext.	
____ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
____ Gross Alpha	
____ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results (mg/l) ~~(mg/kg)~~
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chloride	
____ Chromium	
____ Copper	
____ Fluoride	
____ Iron	
____ Lead	
____ Manganese	
____ Mercury	
____ Nitrate	
____ Selenium	
____ Silver	
____ Sulfates	
____ Zinc	
____ pH	
____ Conductivity	
____ TDS	
____ TOC	
X Cyanide	<0.5

TCLP Compounds

Inorganic Compounds	Results (mg/l)
____ Arsenic	
____ Barium	
____ Cadmium	
____ Chromium	
____ Lead	
____ Mercury	
____ Selenium	
____ Silver	

Organic Compounds	Results (mg/l)
____ benzene	
____ carbon tetrachloride	
____ chlordane	
____ chlorobenzene	
____ chloroform	
____ o-cresol	
____ m-cresol	
____ p-cresol	
____ cresol	
____ 1,4-dichlorobenzene	
____ 1,2-dichloroethane	
____ 1,1-dichloroethylene	
____ 2,4-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ hexachlorobutadiene	
____ hexachloroethane	
____ methyl ethyl ketone	
____ nitrobenzene	
____ pentachlorophenol	
____ pyridine	
____ tetrachloroethylene	
____ trichloroethylene	
____ 2,4,5-trichlorophenol	
____ 2,4,6-trichlorophenol	
____ vinyl chloride	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____ 2,4-D	
____ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

006007 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

Department of Environment,
Health, & Natural Resources
Solid Waste Management Division

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017170

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time 3:40pm

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-010-SW
X Surface water (2)	X Liquid (6)	Upstream on N.
___ Soil (3)	___ Sludge (7)	Hunting Creek
___ Other (4)	___ Other (8)	

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) ~~(mg/kg)~~
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X Cyanide	<0.5

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported _____

Date Analyzed _____ Lab Number _____

00[illegible]8 MAY 197

DHS 3191 (Revised 2/91)

N.C. Department of Environment, Health, & Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington Street
Raleigh, North Carolina 27611

Site Number NCD 982 115 370 Field Sample Number 017171

Name of Site Triple Plating Site Location Thomasville, 27 Main St.

Collected By Stephanie Korel ID# _____ Date Collected 4-29-97 Time ~~350~~/320

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground water (1)	___ Solid (5)	TP-011-SW
X Surface water (2)	X Liquid (6)	Downstream N.
___ Soil (3)	___ Sludge (7)	Hunting Creek
___ Other (4)	___ Other (8)	(W)

TCLP Compounds

Inorganic Compounds	Results(mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

Organic Chemistry

Parameter	Results(mg/l)
___ P&T:GC/MS	
___ Acid:B/N Ext.	
___ MTBE	

Radiochemistry

Parameter	Results (PCi/l)
___ Gross Alpha	
___ Gross Beta	

Microbiology

Parameter	Results (Col/100ml)

Inorganic Chemistry

Parameter	Results(mg/l) ~~(mg/kg)~~
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chloride	
___ Chromium	
___ Copper	
___ Fluoride	
___ Iron	
___ Lead	
___ Manganese	
___ Mercury	
___ Nitrate	
___ Selenium	
___ Silver	
___ Sulfates	
___ Zinc	
___ pH	
___ Conductivity	
___ TDS	
___ TOC	
X Cyanide	<0.5

Organic Compounds	Results(mg/l)
___ benzene	
___ carbon tetrachloride	
___ chlordane	
___ chlorobenzene	
___ chloroform	
___ o-cresol	
___ m-cresol	
___ p-cresol	
___ cresol	
___ 1,4-dichlorobenzene	
___ 1,2-dichloroethane	
___ 1,1-dichloroethylene	
___ 2,4-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ hexachlorobutadiene	
___ hexachloroethane	
___ methyl ethyl ketone	
___ nitrobenzene	
___ pentachlorophenol	
___ pyridine	
___ tetrachloroethylene	
___ trichloroethylene	
___ 2,4,5-trichlorophenol	
___ 2,4,6-trichlorophenol	
___ vinyl chloride	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___ 2,4-D	
___ 2,4,5-TP (Silvex)	

Date Received _____ Reported by _____

Date Extracted _____ Date Reported 006009 MAY 197

Date Analyzed _____ Lab Number _____

DHS 3191 (Revised 2/91)

MEMORANDUM

DATE: May 5, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Sampling Trip Report
Triple Plating, Thomasville, Davidson County
NCD# 982 115 370

On April 30, 1997 at 9:45 am, Dave Lilley, Jeannette Stanley, Donna Wilson, and I arrived at the Triple Plating site in Thomasville, NC. We surveyed the property and noted that three children were playing on the Triple Plating property, as well as a vegetable garden planted on-site. I spoke with Ms. Lee Kenney (3 Fisher Ferry Street, 910-475-4597), the grandmother of the children and renter of the property adjacent to the site. She informed me that she was the one who initially had called the Hazardous Waste Section about the dangerous conditions on the property. She claims that last September the previous manager of the Triple Plating facility, Mr. Robert E. Grady, dumped a yellow liquid from four 55-gallon drums labeled "Hazardous Waste" behind the facility and her house. Ms. Kenney said that her son-in-law, Kenny Camel, walked through puddles of the yellow liquid and she claims that the soles of his shoes were corroded due to the liquid. Ms. Kenney gave us permission to sample anywhere on the property. The property behind the site (6 Mock Street) is fenced and the property owners were unavailable, therefore we could not sample the stressed looking vegetation in the backyard. A background soil sample (TP-001-SL) was taken 2"-4" below the surface near the corner of Mock Street and W. Main Street.

Two four-point composite samples were taken under the old transformers (TP-004-SL) and near the swing-set (TP-005-SL) where tomatoes and onions were planted and where the children play. No unusual color or odor was detected when taking the samples. Donna Wilson and Jeannette Stanley took three samples, one from each of the "sump-like" areas within the concrete flooring of the demolished building. In sump-1, Donna W. removed the top 3" of the debris until soil was encountered before taking a sample (TP-006-SL). In sump-2, Jeannette S. dug down 1.5' with a shovel and encountered a 1" thick tan-yellow solid clayey substance. A sample was taken of the thick material (TP-002-SL). Further into the sump a total of 5 grates were located at various depths. The open hole sump continued and the discharge point, if any, is unknown. Jeannette S. dug 12" down into sump-3 removing debris and organic matter before encountering a 4" metal pipe that lead down further into the soil. The pipe was encased and grouted in place. A sample was taken of the sediment remaining on top of the concrete that surrounded the pipe (TP-003-SL). The final soil sample, a three-point composite (TP-012-SL), was taken off the edge of the concrete flooring behind the facility and Ms. Kenney's house, where she reported seeing the yellow liquid dumped. We broke for lunch at 12:15 pm.

We began taking surface water and sediment samples after lunch. The first sample was taken near Colonial Drive at the end of the wetland by the culvert (TP-009-SD/SW). All surface water samples were to be analyzed for cyanide, as well as volatiles, semi-volatiles, and metals, therefore a separate bottle was preserved with sodium hydroxide for the analysis. A wetland surface water/sediment sample was taken upstream where a culvert that drains the site empties into the wetland (TP-007-SD/SW), a duplicate of this sample was also taken (TP-107-SD/SW). N. Hamby Creek surface water /sediment samples were taken by Jeannette S. who noticed an oily sheen on the water and was able to locate the culvert discharge point into the creek. Both the background (TP-010-SD/SW)and downstream (TP-011-SD/SW) samples had oily sheens. We left the site at 4:15 pm.

A map is attached with the sample locations and numbers used during the sampling event (note: the locations and numbers are different from the points labeled on the original sampling plan).

MEMORANDUM

DATE: April 28, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Sensitive Environments within the 4-Mile Target Area and along the 15-Mile Surface Water Pathway
Triple Plating Facility
NCD # 982 115 370

I reviewed the 7.5 minute quadrangle maps of High Point West, Fair Grove, and Lexington East at the North Carolina Heritage Program of the North Carolina Parks and Recreation Department in Raleigh, North Carolina. One significantly rare plants was located along the fifteen mile surface water pathway of the site and no significantly rare plants nor animals were located within the four-mile target radius. The significantly rare plant is vascular and named *Matelea decipiens,* more commonly known as the Glade Milkvine. This plant is not threatened nor endangered.

MEMORANDUM

DATE: April 2, 1997

TO: File

FROM: Stephanie L. Kozel
Hydrogeologist SLK
NC Superfund Section

RE: Sanborn Maps of 27 West main Street, Thomasville (1918, 1923, 1939, 1944)
Triple Plating, Thomasville, Davidson County
NCD#982 115 370

I obtained Sanborn Maps from the North Carolina State University library in Raleigh, NC. The maps are from as early as July 1923, September 1930, and corrected maps from January 1944. They show the previous owners of the property since 1923. Prior to 1923, the property on the corner of W. Main Street and Fischer Ferry Street was occupied by a garage and auto repair shop. The next set of maps were edited September 1930 and show the property being occupied by the same auto garage but a tin shop is located in the front portion of the building. The next set of maps were edited in January 1991 and the porerty was then occupied by Stroupe Mirror Company. The mirror manufacturing facility had expanded to a larger area of the property. The building expanded to include a glass warehouse, crating room, acid room, boiler house, and sign painting area.

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

April 14, 1997

Mr. Don Stephens
Environmental Health Supervisor
Davidson County Health Department
Post Office Box 439
Lexington, NC 27293-0439

RE: Site Inspection
Triple Plating, NCD 982115370

Dear Mr. Stephens:

David Lilley of the NC Superfund Section spoke with Ms. Gallimore of your office today to notify you that the NC Superfund Section will conduct a site inspection of the subject site located in Davidson County, North Carolina. The inspection will be conducted on April 29, 1997 by Stephanie Kozel of the NC Superfund Section.

The purpose of the inspection is to determine if the site poses a hazard to public health or the environment because of releases of contaminants to soil, surface water, groundwater, or air. The inspection team will take samples on and around the site to determine if a hazardous condition exists. Additionally, they will locate all nearby water supplies (surface and groundwater, community and private) and any close sensitive environments, schools, and day care centers.

This inspection is not an emergency situation but is a normal step in the evaluation of all uncontrolled and unregulated potential hazardous waste sites in North Carolina. You may want to have your representative meet the inspection team at the site. If so, please contact Stephanie Kozel at (919) 733-2801, extension 316 and she will coordinate a meeting. I am enclosing background data on the site for your information.

If the inspection indicates the need for future study of the site, we will contact your office to advise. If you have any questions, please don't hesitate to call David Lilley or me at (919) 733-2801.

Sincerely,

Bruce Nicholson, Head
Special Remediation Branch
NC Superfund Section

Enclosure

cc: Phil Prete
Doug Holyfield
Pat Williamson
Scott Ross
David Lilley
Donna Keith

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996

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Federal
Trip Notification & Authorization

Prepared by: Stephanie Korel

Today's Date: 4-14-97

*Use Black Ink or Typewriter only-Staff to fill out first 2 blocks only.

Site Trip

Date of Trip: ~~[illegible]~~ Tues. April ~~30~~ 29, 1997

If trip date changed or cancelled note below:
Trip Date Changed To: _____ Cancelled: ___

NCD#: 982 115 370 Site Name: Triple Plating
City: Thomasville County: Davidson

Reason for Trip: ~~Sampling (PA/SI)~~ Site Inspection

Name of Hotel (Overnight Trip): _____ Hotel Telephone Number: ( ) ___ - _____

Authorized by: [signature]
Industrial Hygienist

Project Team Leader: Stephanie Korel

Assistants: Jeanette Stanley, Dave Lilley, _____

Attach To Notification Form: 1 copy each:
Submit to the
Industrial Hygienist

- Preliminary Assessment Form (First page only)
- Site Map
- PA Transmittal Letter

(Please list appropriate County Health Department contact person to call to advise of trip)

Environmental Supervisor or Health Director to call: Mr. Donald Stephens Title: Env. Health Supervisor
(Note if Dr., M.D., etc.)

Telephone Number: (910) 242-2300

Notes: Health Department Official Contacted: Ms. Gallimore
Back Up Letter Required: Yes ✓ No ___
Notified Ms. Gallimore for Mr. Stephens
on 4-14-97 (DBL)

Note: Signed original to Data Manager

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

December 9, 1996

Mr. Joseph S. McNulty
Tuggle, Duggins and Meschan
P. O. Box 2888
Greensboro, NC 27402

Subject: CERCLIS Site Addition
Triple Plating
Thomasville, Davidson County, NC

Dear Mr. McNulty:

Per our telephone conversation today, I am writing this letter to notify you of our intent to list the Triple Plating property in the CERCLA inventory system. I understand that you will be providing a copy of this letter to the property owner, Ms. Perry. I also understand that even though Ms. Perry was not the site operator, she has paid for the clean up of this property and this has posed a financial hardship on her.

As we discussed, this listing will enable us to sample soil on the property. The soil on the property is unvegetated and accessible to the local population. While reports to date indicate that wastes were placed either in the city sewer or hauled off, we do not know the past housekeeping practices and therefore do not know if this property poses a long-term soil exposure threat to local residents or the environment.

If you have any questions, you may call me at (919) 733-2801 ext. 336 or write to me at 401 Oberlin Rd., Suite 150, Raleigh, NC 27605.

Sincerely,

Jeanette Stanley

Jeanette Stanley
Environmental Chemist
Site Evaluation &Removal Branch
NC Superfund Section

Attachments

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996

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State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

December 6, 1996

Ms. Cindy Gurley
NC CERCLA Project Officer
US EPA Region IV Waste Division
Atlanta Federal Building, 11th floor
100 Alabama St. SW
Atlanta, GA 30303-3104

Subject: CERCLIS Site Addition
Triple Plating, NCD 982 115 370
Thomasville, Davidson County, NC

Dear Ms. Gurley:

Please add the subject site to CERCLIS. Preliminary data gathering has established the following about this site:

1. The site name is Triple Plating. The site is located in downtown Thomasville, NC at 27 W. Main Street on the southeast corner of the Fisher Ferry Rd. and W. Main St. intersection. The coordinates of the site are 35°52'55' north latitude and 80°04'55.1 west longitude.

2. The site is the former location of Triple Plating, Inc, a metal-plating facility. Prior to this, the site had housed a mirror manufacturing plant. Triple Plating was a listed as a RCRA generator assigned EPA ID #NCD 982 115 370. Plating operations ceased in 1990 and the site was abandoned. A RCRA Notice of Violation was sent to the owner and to the operator of the facility to address electroplating process tanks, drums and filter cake sludges abandoned on site. These wastes contained chromium, acids, copper, nickel and cyanides. Some of the wastes were removed by the former operator in 1991-92 and the removal was completed by contractors for the owner in December 1995. The building that was on site has been demolished and the property is unvegetated and accessible.

P.O. Box 27687,
Raleigh, North Carolina 27611-7687
Voice 919-733-4996

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3. Although all hazardous wastes have been removed from the site, neither the site soils nor the soil along the surface water runoff pathway from the site have been tested. A residence is adjacent to the property and there is a child's swingset at the property boundary. Due to the residential/commercial use of the surrounding properties, the potential for soil exposure should be investigated to protect human health. Groundwater use in the vicinity has not been investigated and a well survey should be conducted.

Attached is a CERCLIS site addition sheet, a map showing the site location, the latitude/longitude calculation sheet, and some supporting documentation . If you have any questions, please call me at (919) 733-2801, ext. 290.

Sincerely,

Pat DeRosa, Head
Site Evaluation and Removal Branch
Superfund Section

Attachments

cc: Jeanette Stanley
Scott Ross (w/o attachments)
File
Mr. Joseph McNulty
Mr. Steve Phibbs (w/o attachments)

SITE DISCOVERY FORM

Part I: Information necessary to add a site to CERCLIS

ACTION: A

EPA ID:	NCD 982 115 370		
SITE NAME:	Triple Plating	SOURCE:	(T=STATE)
STREET:	27 W. Main St.	CONG DIST:	6
CITY:	Thomasville	ZIP:	27361
CNTY NAME:	Davidson	CNTY CODE:	29
LATITUDE:	35/52/55	LONGITUDE:	80/04/55.1

INVENTORY IND: Y REMEDIAL IND: Y REMOVAL IND: N FED FAC IND: N
RPM NAME: RPM PHONE: (EPA Project Officer)

SITE DESCRIPTION:

The building was built in the 1930s for an automobile dealership. The building housed a mirror manufacturer prior to it's becoming Triple Plating. At this time, it is unknown how long the building was used for each of these operations or if other businesses have operated in the building. After it served as a mirror manufacturer, the facility was operated under the name of "Triple Plating" from around 1975 until it closed in August 1990. Triple Plating operations consisted of electroplating metal furniture. Chrome, cyanide and acid wastes were left on-site when the facility closed. In January 1991, twenty-eight electroplating process tanks, ten 55 gallon drums and five drums of filter cake sludge were discovered stored inside the facility. Triple Plating received an imminent hazard NOV. The operator of the facility conducted a partial cleanup in 1991/1992 and the property owner, with limited funds, somewhat assumed closure of the site. In 1995 the NC DEM Winston-Salem Regional Office provided funds to remove and dispose of all remaining wastes on the property. This work was completed in December 1995 and the site was referred to the NC Superfund Section. The facility has always been connected to city sewer and all wastes have reportedly been discharged to the city sewer or hauled off. It is unknown if there were discharges to the surface water pathway or if spills have contaminated the surface soil. The building has since been demolished and the lot is unvegetated, vacant and accessible.

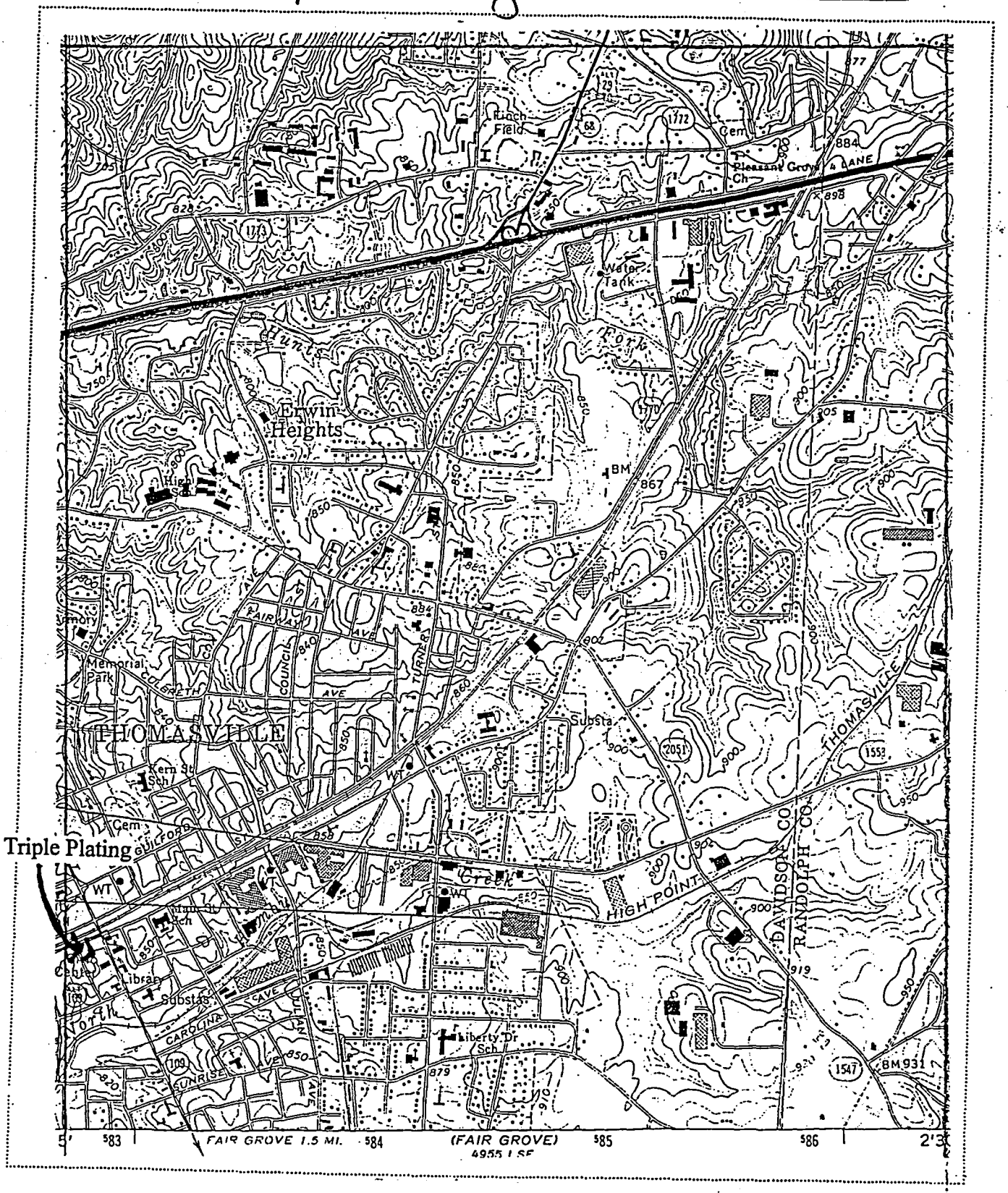
Part 2: Other site information

DATE SITE FIRST REPORTED: 12/6/96 REPORTED BY: NC Superfund Section

REASON FOR LISTING:

The corner lot is adjacent to a private residence with a child's swingset on the property boundary on one side and a restaurant on the other. Across the street are a Post Office and railroad tracks. Groundwater under the site has not been tested. The site is in an old section of the City of Thomasville, so local groundwater usage is unlikely, but a well survey should be conducted to protect human health. Since the site is in a commercial/residential area, the surface soil and surface water runoff pathway should be investigated to determine if there is a soil exposure threat to the local population.

SITE NAME: Triple Plating NUMBER



TOPOGRAPHIC MAP QUADRANGLE NAME: High Point West SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 35°52'30" LONGITUDE: 80°02'30"

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Triple Plating CERCLIS #: _____

AKA: _____ SSID: _____

ADDRESS: 27 W. Main St.

CITY: Thomasville STATE: NC ZIP CODE: _____

SITE REFERENCE POINT: general area

USGS QUAD MAP NAME: _____ TOWNSHIP: ____ N/S RANGE: ____ E/W

SCALE: 1:24,000 MAP DATE: _____ SECTION: ____1/4 ____1/4 ____1/4

MAP DATUM: 1927 1983 (CIRCLE ONE) MERIDIAN: _____

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 80° 00' ___" LATITUDE: 35° 52' 30"

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 80° 2' 30" LATITUDE: 35° 52' 30"

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 75

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 24.8"

C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): ___' 24.8"

D) ADD TO STARTING LATITUDE: 35° 52' 30.___" + ___' 24.8 =

SITE LATITUDE: 35° 52' 55.___"

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 440

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 145.4"

C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 2' 25.4"

D) ADD TO STARTING LONGITUDE: 80° 2' 30.___" + 2' 25.4 =

SITE LONGITUDE: 80° 4' 55.5"

INVESTIGATOR: Janette Stanley DATE: 10/21/96

August 21, 1996

TO: File

FROM: Pat DeRosa, Site Evaluation and Removal Branch Head
NC Superfund Section

RE: Triple Plating, Inc., NCD 982 115 370
27 W. Main Street
Thomasville, Davidson County, NC

On August 21, 1996, I spoke by telephone with Steve Phibbs, Hazardous Waste Section, W-S Regional Office, (910) 771-4600 regarding the status of the subject site. Mr. Phibbs indicated that he had been by the site last week and that the owner was apparently having the building demolished. He said that the building had previously been condemned by the city of Thomasville. Mr. Phibbs and I reviewed the August 21, 1992 memo from Joseph Gunn regarding materials on the site at that time. Mr. Phibbs indicated that all the materials listed in that memo had been removed from the site. Mr. Phibbs was not aware of any soil sampling done at the site or of any reports generated by the cleanup contractors. However, he referred me to Mr. Joe McNulty (910) 378-1431 of Greensboro who is the attorney for the property owner, Ms. Bertha Perry. Mr. Phibbs said that the facility had been on city water and sewer and had been discharging its pretreated process wastewater to the city sewer system.

RECEIVED

JUL 18 1996

SUPERFUND SECTION

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
HAZARDOUS WASTE SECTION
ACTIVITY REPORT

Subject Triple Plating Inc. site remediation report

Location West Main Street City Thomasville, N. C.

By Whom Steve Phibbs, Waste Management Specialist

Person Contacted Robert Franklin, Robert Gaddy

Reason for Visit Completion of site remediation program

Copies to:
Keith Masters, Western Supervisor, Asheville, N.C.
Joe McNulty, Attorney, Greensboro, N.C.

REPORT

The completion of site remediation work ended at Triple Plating Inc. on December 15, 1995 with the removal of 3000 gallons of contaminated wastewater by Heritage Environmental Services of Charlotte, N.C. This activity should complete all RCRA activities at the site and has removed all known hazardous wastes and hazardous materials from the site. If there are any further questions or comments, please contact at (910) 771-4600.

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

RECEIVED
APR 13 1994
SUPERFUND SECTION

April 13, 1994

MEMORANDUM

TO: Pat DeRosa
Superfund Section

THROUGH: Jerry Rhodes, Chief
Hazardous Waste Section

FROM: Doug Holyfield, Head
Waste Management Branch

RE: Triple Plating - NCD982115370
27 West Main Street
Thomasville, North Carolina 27361

This is to notify you that the noted site which has been closed since August of 1990, has been the subject of a RCRA Generator cleanup, which due to various constraints has resulted in an unacceptable situation. Due to ceasing of operations, we had previously been working with the operator of the site, Mr. Robert Gaddy, who with limited funds had proceeded to remediate a portion of the site in 1991/92. However, since Mr. Gaddy has failed to fulfill his responsibilities, the owner of the property, Ms. Bertha Perry has somewhat assumed the final closure of the site.

As noted in the attached consultant's report dated August 21, 1992, several significant environmental issues remain at the site. As funds have become available, we have been working with Ms. Perry to address some of these problems, however, at last count, approximately 40 drums of hazardous waste (F006-F008 electroplating sludges, chrome/cyanide) remain on-site. In discussions with Ms. Perry and her attorney, funds are no longer available to complete this closure and this waste will remain on-site indefinitely. In addition, subsurface site conditions are unknown and due to the site's history, contamination may be significant. It is our belief that the continued storage of these containers without proper management may warrant an immediate removal action. Consequently,

we respectfully refer this site to your attention for such if applicable. We will be glad to assist you in any manner. Keith Masters, Western Area Supervisor can be reached in Asheville at (704)688-3108 and Steve Phibbs, Waste Management Specialist can be reached in Winston-Salem at (910)896-7007. Please contact me if you have any questions.

attachments:

cc: Mike Kelly
Keith Masters
Steve Phibbs
Judy Bullock

August 21, 1992

Mr. Steve Phibbs
North Carolina Department of Environment,
Health and Natural Resources
310 East Third Street Suite 200
Winston Salem, North Carolina 27101

Reference: Triple Plating
27 West Main Street
Thomasville, North Carolina

Dear Mr. Phibbs

Over the past seven weeks, YWC has provided environmental services to the firm of Tuggle Duggins & Meschan, representing Ms. Bertha Perry, for the removal, decontamination, treatment and disposal of regulated waste materials remaining from the plating operations of the former Triple Plating Company. Assumptions that Mr. Gaddy would contribute time and resources in this cleanup have failed, resulting in additional work by YWC and financial constraints on Ms. Perry. As a result of this, the amount of money due YWC and the uncertainity of payment if YWC proceeds, work activity has ceased until further notice. A meeting has been scheduled with Mr. Joseph McNulty of the law firm next Thursday at 1:30pm to hopefully resolve concerns on the financials and remaining work that needs to be completed.

In lieu of this, I am obligated to inform you of several site conditions that may require the attention of the State of North Carolina, and possible emergency funding to secure and complete work activities at the site.

The waste water currently contained in the plating tanks is a hazardous waste due to the high levels of chrome. Levels of cyanide have not been tested, but reason would lead one to believe that cyanide and other regulated metal would also be in the waste water based on background information and testing.
This material requires further treatment for cyanide reduction and precipitation of metals. Otherwise, the water should be manifested to a licensed treatment facility for proper handling and disposal. Analytical testing is recommended to accurately profile the water. Processing on-site through the boiler may not be safe, and air emissions would be a concern.

Approvals for disposal of the debris in the roll-off containers has been completed by Chemical Waste Management. I expect contracts to be in-place by August 28, 1992. However, Mr. Joseph McNulty is pursuing an approval through Laidlaw Environmental via Pinewood, South Carolina in an effort to save approximately $5,000 in shipping costs.

Additional storage time may be required, and YWC is closing out our contract on the rental agreement and transferring it to the law firm at Joe's request.

Filter cake and tank bottom sludges currently stored in drums are a hazardous waste by definition. Also, acid transferred from a plating tank is contained in three poly drums as well. These drums are labeled, and currently stored inside the building. Due to financial constraints, Mr. McNulty is also looking at disposal through other licensed facilities. YWC extracted samples at his request for lab testing and qualification to other facilities. YWC will not be responsible for the analytical work, as Joe is to pick these samples up and have the testing done through the law firm as well. Again, additional storage time may be required on this material.

The drums outside of the building have not been addressed, and were not a part of our original work plan and project budget. Drums contain solid debris, metal fines, and rain water. As you know, one drum is clearly labeled Sodium Cyanide. I highly suspect these material to be laden with cyanide and heavy metals, and should be addressed. Flammable and combustible materials are stored in a wooden building adjacent to the main building, and were not a part of our original work plan or project budget as well.

There are miscellaneous chemicals throughout the building. Upstairs over the offices, there are containers of chemicals stored. In the caged area next to the filter press are various gas cylinders and assorted chemical products. YWC has not been authorized to seek disposal options on these items, and should be handled in a safe and proper method.

Results from our debris sampling indicate that heavy metals may be present in the buffing room. There is insufficient data to determine if the debris and floor dust contains regulated metals. YWC did not address this room due to financial limits in our project budget.

Wipe samples performed after gross decontamination of the plating line area show no residual cyanide on the walls or ceilings of this area. This data was submitted to you on August 20, 1992. The floor samples are elevated in part due to site activity while treating the waste water, and a final decon procedure needs to be done to remove remaining contaminants.

A random wipe of one of the empty plating tanks supposedly cleaned by Mr. Gaddy revealed cyanide levels above allowable limits. As stated in the memo August 20, all the tanks should be wipe tested, recleaned and retested prior to the sale of this equipment or scrap through DH Griffin. YWC has not prepared additional financial information for this work at the current time.

YWC is not privy to Ms. Perry's financial resources for funding this cleanup. I am concerned that special arrangements with the State may be required to adequately remove, treat and dispose of the remaining waste materials mentioned in this letter. At this time, no consideration has been given to the subsurface investigation of concrete and soils beneath the facility, and will be an issue should the building be torn down or should ownership of the property be transferred.

Should YWC recover the costs incurred to-date, and receive written confirmation of funding to complete the tasks at this site, work will resume. At this time, YWC can not engage additional resources to complete the work outlined in our original work plan and project budget. I recommend you stay in touch with Mr. Joseph McNulty, and take appropriate action on those items outlined above.

Thank you for all the time and effort spent in this project. If I can be of assistance to you, the State of North Carolina or Ms. Perry in the future, please do not hesitate to call on me.

Very truly yours,

Joseph F. Guhn

I

(9)

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

January 24, 1991

002

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

NOTICE OF VIOLATION
Docket #91-068

History

Mr. Robert Gaddy
Triple Plating, Incorporated
Box 1075
Thomasville, NC 27360

RECEIVED
DEC 13 1991
RCRA FILE ROOM

Ms. Bertha N. Perry
Ms. Cathy McDowell
1601 Heathgate Court
High Point, NC 27262

NCD 982 115 370

Re: Abandoned chemical storage tanks and filter press sludge at the closed Triple Plating, Incorporated facility, 27 W. Main Street, Thomasville, NC.

Dear Mr. Gaddy:

On December 18, 1980, the State of North Carolina, Hazardous Waste Section (State) was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, (Act) N.C.G.S. 130A, Article 9 and rules promulgated thereto at 15A NCAC 13A (rules) in lieu of the federal RCRA program.

On January 16, 1991, Mr. Steve Phibbs, Waste Management Specialist with the Section investigated the storage and disposal of solid waste at the closed Triple Plating, Incorporated facility in Thomasville, North Carolina. Mr. Phibbs observed approximately twenty eight (28) electroplating process tanks, ten (10) 55 gallon drums and about five (5) drums of hazardous waste filter cake sludge (F006) stored inside the facility. The process tanks contain liquids with concentrations of chromium, acid, copper and nickel as well as cyanide solutions. The filter cake sludge was stored in cardboard boxes or laying on top of a pallet covered with cardboard.

A. 40 CFR 261.1(a), codified at 15A NCAC 13A .0006, states that this part identifies those solid wastes which are subject to regulation as hazardous wastes under Parts 262 through 265 and

Parts 268, 270, 271, and 124 of this Chapter and which are subject to the notification requirements of Section 3010 of RCRA.

B. 40 CFR 261.2(b), codified at 15A NCAC 13A .0006, states that materials are solid waste if they are abandoned by being [1] disposed of; or [2] burned or incinerated; or [3] accumulated, stored, or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

C. 40 CFR 261.3(a), codified at 15A NCAC 13A .0006, states that a solid waste, as defined in Section 261.2 is a hazardous waste if:

1. It is not excluded from regulation as a hazardous waste under Section 261.4(b); and

2. It meets any of the following criteria:

i. It exhibits the characteristics of hazardous waste identified in Subpart C.

ii. It is listed in Subpart D and has not been excluded from the lists in Subpart D under Sections 260.20, and 260.22 of this chapter.

iii. It is a mixture of solid waste and hazardous waste that is listed in Subpart D solely because it exhibits one or more of the characteristics of hazardous waste identified in Subpart C, unless the resultant mixture no longer exhibits any characteristic of hazardous waste identified in Subpart C.

iv. It is a mixture of solid waste and one or more hazardous wastes listed in Subpart D and has not been excluded from this paragraph under Sections 260.20 and 260.22 of this chapter.

D. 40 CFR 261.7(a)(2), codified at 15A NCAC 13A .0006, states that any hazardous waste in either (i) a container that is not empty or (ii) an inner liner removed from a container that is not empty is subject to regulation under Parts 261 through 265, and Parts 270 and 124 of this chapter and to the notification requirements of Section 3010 of RCRA.

E. It is the determination of the Section that the storage of various acids and electroplating chemicals and sludges at the Triple Plating, Incorporated site, Thomasville, NC, constitutes storage of a hazardous waste subject to all applicable requirements of 40 CFR 262 through 265 and 270, specifically:

1. 40 CFR 262.11, codified at 15A NCAC 13A .0007, states that

a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste using the following method:

a. He should first determine if the waste is excluded from regulation under 40 CFR 261.4 and 261.5.

b. He must then determine if the waste is listed as a hazardous waste in Subpart D of 40 CFR Part 261.

c. If the waste is not listed as a hazardous waste in Subpart D of 40 CFR Part 261, he must determine whether the waste is identified in Subpart C of 40 CFR Part 261 by either:

   i. Testing the waste according to the methods set forth in Subpart C of 40 CFR Part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or

   ii. Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used.

Triple Plating, Incorporated is in violation of 40 CFR 262.11, codified at 15A NCAC 13A .0007, in that it generated a solid waste, as defined in 40 CFR 261.2, and did not determine if that waste is a hazardous waste.

2. 15A NCAC 13A .0009(a), states that any person who treats, stores, or disposes of hazardous waste shall do so in compliance with the standards set forth in this rule, and only after having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or having received interim status according to 15A NCAC 13A .0013(b)(3).

Triple Plating, Incorporated is in violation of 15A NCAC 13A .0009(a), in that it has stored hazardous waste without having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or without having received interim status according to 15A NCAC 13A .0013(b)(3).

3. 40 CFR 262.30, codified at 15A NCAC 13A .0007, states that before offering hazardous waste for transportation off-site, a generator must package the waste in accordance with the applicable Department of Transportation regulations or packaging under 49 CFR Parts 173, 178 and 179.

Triple Plating, Incorporated is in violation of 40 CFR 262.30, codified at 15A NCAC 13A .0007, in that hazardous waste electroplating sludge (F006) was not being packaged in accordance with the applicable Department of Transportation regulations under 40 CFR Parts 173, 178 and 179.

4. 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, states that a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status provided that the date upon which each of accumulation begins is clearly marked and visible for inspection on each container.

Triple Plating, Incorporated is in violation of 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, in that the beginning accumulation start dates were not marked or visible for inspection on each container.

5. 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, states that while being accumulated on-site, each container or tank is labeled or marked clearly with the words "Hazardous Waste".

Triple Plating, Incorporated, is in violation of 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, in that the containers of hazardous waste were not labeled or marked clearly with the words "Hazardous Waste".

COMPLIANCE SCHEDULE

By the dates specified below, Triple Plating, Incorporated shall comply with the following requirements:

1. Comply with 40 CFR 262.11, codified at 15A NCAC 13A .0007, by conducting an immediate determination and/or analysis of all wastes in containers, electroplating process tanks and in the sludge containers which will be necessary to ensure proper characterization and disposition.

   By February 15, 1991, develop and submit to this office a comprehensive sampling and analysis report which will characterize all wastes and hazardous materials currently being stored on-site. This includes all materials in the electroplating tanks, containers and sludge wastes materials.

2. Comply with 15A NCAC 13A .0009, by no longer storing hazardous waste on-site and all hazardous wastes previously stored on-site shall be shipped to a permitted hazardous waste treatment, storage and/or disposal facility by March 15, 1991.

3. Comply with 40 CFR 262.30, codified at 15A NCAC 13A .0007, by immediately packaging all containers of hazardous waste in accordance with the applicable Department of Transportation regulations under 49 CFR.

4. Comply with 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, by clearly marking each container of hazardous waste with the accumulation start date and ensuring that these dates are visible for inspection.

5. Comply with 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, by labeling or marking each container or tank clearly with the words "Hazardous Waste".

If the requirements above are not met, enforcement action including injunctive relief may be obtained for continued violations of the hazardous waste law or regulations.

If you have any questions concerning this matter, you may contact Keith Masters at (704) 688-4237.

Sincerely,

Jerome H. Rhodes, Chief
Hazardous Waste Section

JHR/dd/KM184

cc: Keith Masters
[redacted]
Steve Phibbs
Steve Reid
Margaret Foster

MEMO

DATE: November 8, 1996

TO: Pat DeRosa, Head, Site Evaluation and Removal Branch

FROM: Jeanette Stanley, Environmental Chemist, NC Superfund Section

RE: Triple Plating
Thomasville, Davidson County, NC

I have reviewed the Triple Plating file. Attached are memos I have generated on this site. I have reviewed the surface water pathway and did not find significant wetlands close to the PPE. There are no surface water intakes along the surface water pathway. Groundwater has not been sampled under this site. It is not known if there are nearby private wells. I calculated the latitude/longitude, ordered community well information and determined that there are no community drinking water wells within 4 miles of the site. I spoke with Donald Stephens of the Davidson County Health Department (910) 242-2372. He did not know of any private drinking water wells in the area. He said that this is in the old part of Thomasville and most residents would likely be connected to city water.

The building has been demolished and the lot is sitting empty, unfenced and unpaved. There is a post office, a restaurant, railroad tracks and a nearby residence surrounding the approximately 1-acre lot. There is a child's swingset adjacent to the property in the yard of the nearest residence.

This was a former plating facility for 15 years (closed in August 1990) and a mirror manufacturer prior to that. Neither soil nor groundwater samples have not been taken at the site. A former environmental consultant recommended that soil be investigated after the building is demolished. Doug Holyfield, Head, Compliance Branch stated in an April 13, 1994 memo to you that "subsurface site conditions are unknown and due to the site's history, contamination may be significant".

Based on the facts that surface soil is accessible, the site is unfenced, children play very close to the property boundary, a restaurant and the post office next door may be receiving particulates from the unvegetated soil and the groundwater has not been investigated, I recommend that the site be listed under CERCLIS. Mr. McNulty (910) 378-1431, attorney for the property owner, has asked to be notified if we decide to list the site.

MEMO

DATE: October 25, 1996

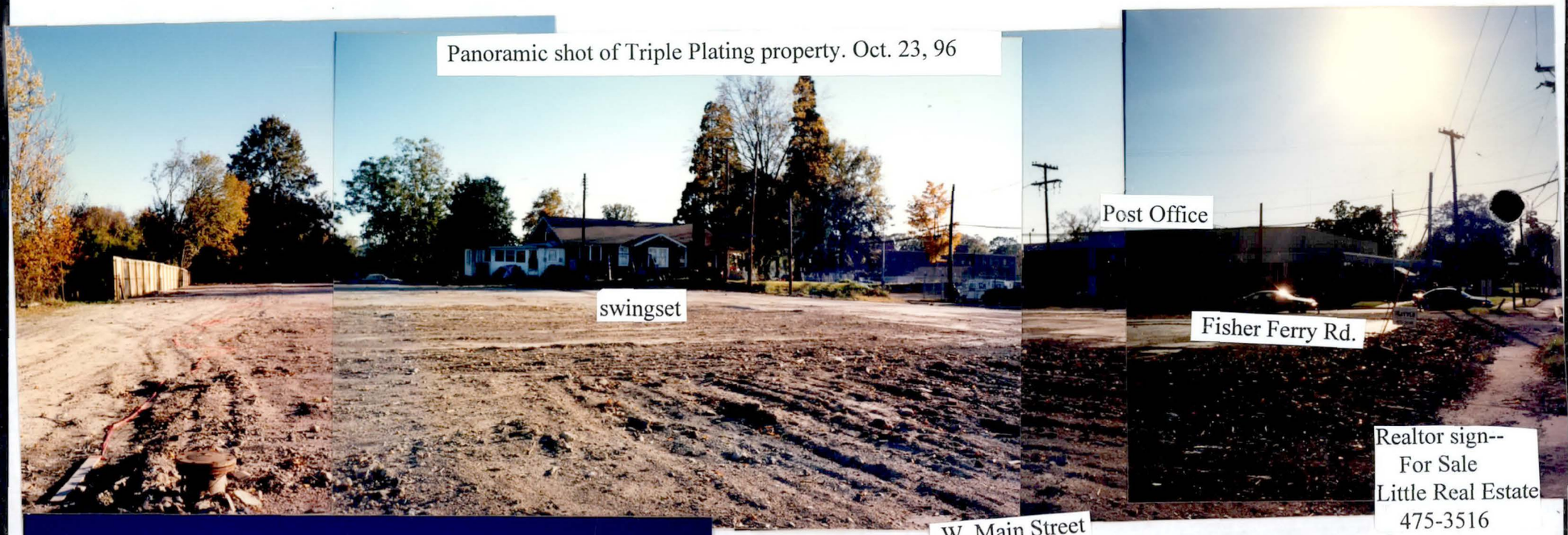
TO: File

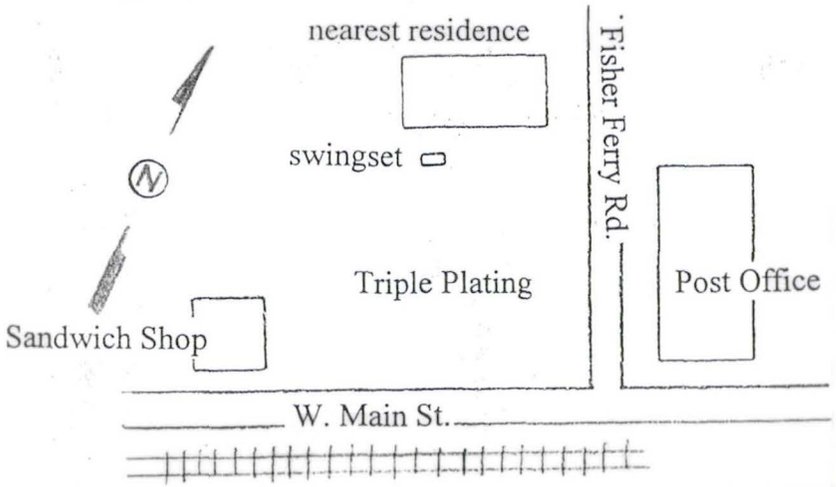
FROM: Jeanette Stanley, Environmental Chemist, NC Superfund Section

RE: Triple Plating
Thomasville, Davidson County, NC

On October 23, 1996, I drove past the Triple Plating site at the corner of West Main Street and Fisher Ferry Rd. I noted that the Post Office was on the corner across Fisher Ferry Rd. from the site. A residence facing Fisher Ferry Rd. was adjacent to the Triple Plating property on the south side. A children's swing set is in the side yard of this residence, approximately 5 feet from the property boundary. A restaurant borders the Triple Plating property on the east side. The Triple plating property is unfenced and readily accessible. The center of the property contains a concrete slab from the old building, but the rest of the property is unpaved. Gravel covers the unpaved portion of the property. The restaurant also has a gravel parking lot. A "For Sale" sign is posted on the Triple Plating property. I took panoramic photographs of the site. These photographs are attached.

C-LINE #62013
CLEAR TOPPER





MEMO

DATE: October 21, 1996

TO: File

FROM: Jeanette Stanley, Environmental Chemist, NC Superfund Section

RE: Triple Plating
Thomasville, Davidson County, NC

Today, I spoke with Steve Phibbs, Hazardous Waste Section, Winston-Salem Regional Office (910) 771-4600. Steve said that the building was demolished about two months ago. He said that there is a post office on one side, a restaurant on another, railroad tracks on another, and a residence on the other side and very close to the Triple Plating property.

Steve said that to his knowledge, the property was not fenced or paved and was readily accessible. The Triple plating facility operated from 1975 or 1976 until 1990. Mr. Phibbs said that the Triple Plating facility was always connected to city water and sewer and that wastes were pretreated prior to discharge. Prior to that, a mirror manufacturer operated in the building. Mr. Phibbs did not have additional information on past activities on the property. He knew nothing about spillage history at the site.

I asked Steve if there were any wells in the area. He did not know of any. I asked if the Davidson County Health Department (910) 242-2372 would be the best source of this information. He indicated that Donald Stephens in the health department would be the most knowledgeable person about any wells that might be in the area.

I reviewed notes taken on August 21, 1996 by Pat DeRosa, Head, Site Evaluation and Removal Branch, about the facility. The property is about 1 acre in size. No soil or groundwater sampling has been conducted on the site. The building was built prior to World War I as a Ford Dealership. It was demolished because it was condemned by the City of Thomasville. The attorney for the owner, Ms. Perry, is Joe McNulty (910) 378-1431 of Tuggle, Duggins and Meschan, P. O. Box 2888, Greensboro, NC 27402. Ms. Perry, the owner is elderly and lives in High Point (910) 886-4740. **Mr. McNulty has requested that we notify him if we decide to add the site to the CERCLIS** inventory.

MEMO

DATE: October 21, 1996

TO: File

FROM: Jeanette Stanley, Environmental Chemist, NC Superfund Section

RE: Triple Plating
Thomasville, Davidson County, NC

The site is located on the High Point West, NC USGS topographic map at 27 West Main Street in Thomasville, NC. I traced the surface water pathway draining from the site using the USGS topographic maps (High Point West, Fair Grove and Lexington East). Overland flow enters North Hamby Creek about 1000' downgradient from the site. North Hamby Creek empties into Hamby Creek 3 1/2 miles below the PPE. At 9 miles below the PPE, the surface water draining the site enters Rich Fork Creek and in another mile, Rich Fork Creek enters Abbots Creek. The surface water pathway ends on Abbots Creek about 500' downstream of Raleigh Road in Lexington.

On October 18, 1996, I called Mike Mickey , Environmental Specialist in the Winston-Salem Regional Office. He said that there are no surface water intakes in the surface water pathway. Mr. Mickey said that there is a surface water intake on Tom-A-Lex Lake which is along Abbots Creek, but upstream of the confluence of Rich Fork Creek with Abbots Creek. The next surface water intake is about 30 miles downstream on High Rock Lake. Mr. Mickey said that there are three wastewater treatment plant discharges into this surface water pathway.

I reviewed the wetland inventory maps (High Point West and Fair Grove) for the first 4 miles of the surface water pathway. Most of North Hamby Creek is shown as a linear wetland, classified as a PFO1A wetland (Palustrine Forested wetland). This PFO1A wetland begins about 1/2 mile below the PPE. Past experience with this type of linear wetland in developed areas is that they do not qualify as wetlands based on vegetation and a Corps of Engineers definition.

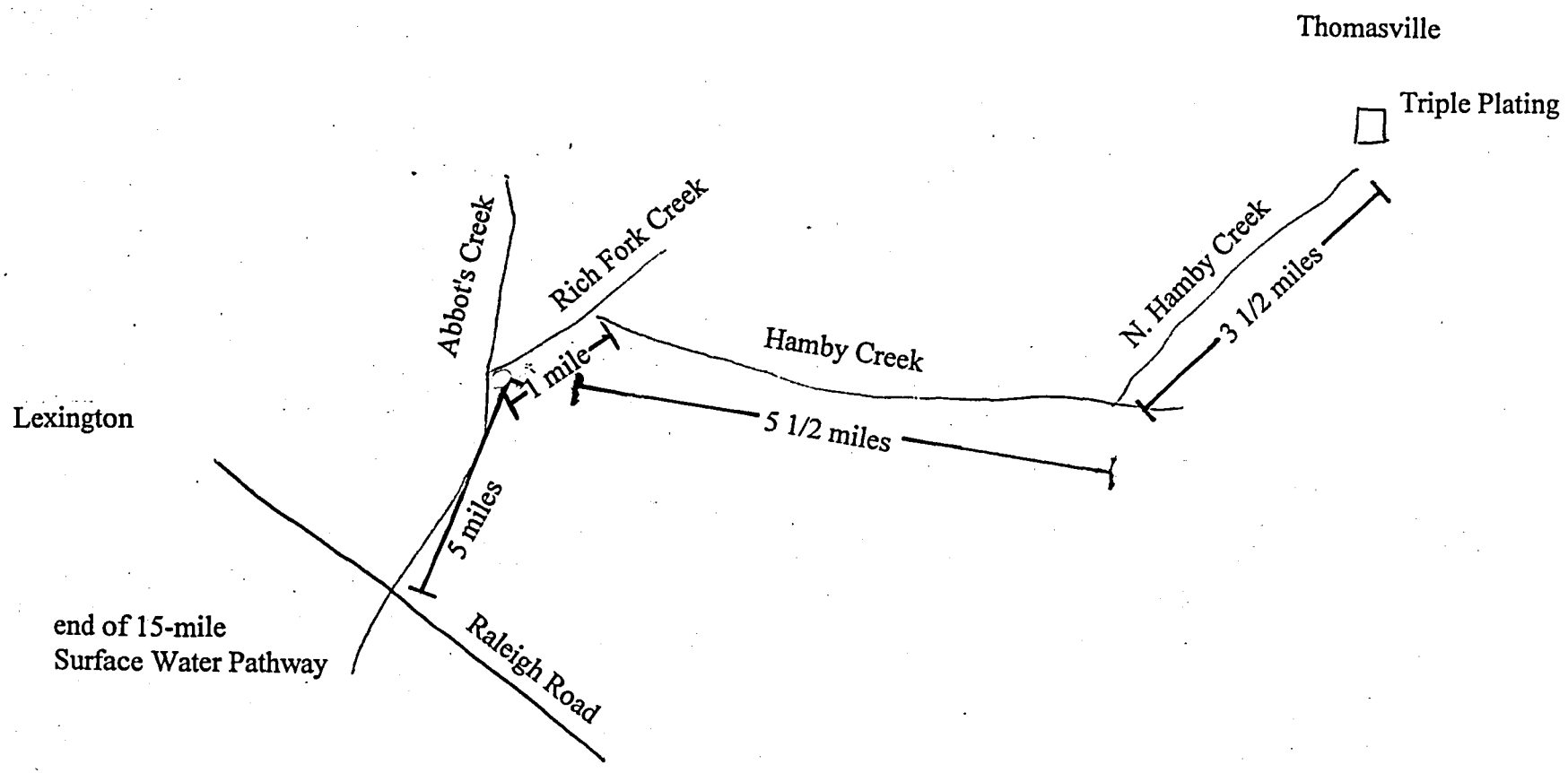


Fig. No:	Title: Surface Water Pathway	
North Carolina Division of Solid Waste Management Superfund Section	Date: Oct. 1996	Drawn By: J. Stanley
	Site Name: Triple Plating	Not to Scale

August 21, 1996

TO: File

FROM: Pat DeRosa, Site Evaluation and Removal Branch Head
NC Superfund Section

RE: Triple Plating, Inc., NCD 982 115 370
27 W. Main Street
Thomasville, Davidson County, NC

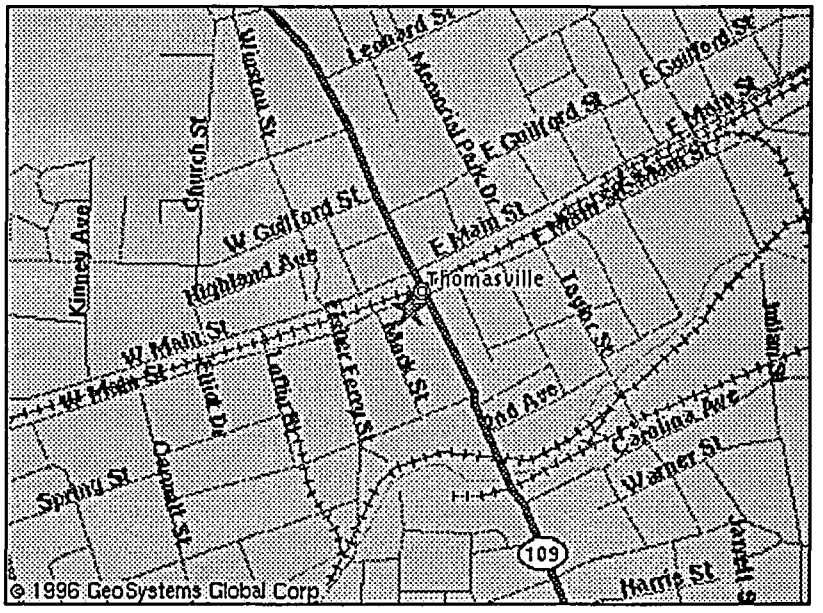
On August 21, 1996, I spoke by telephone with Steve Phibbs, Hazardous Waste Section, W-S Regional Office, (910) 771-4600 regarding the status of the subject site. Mr. Phibbs indicated that he had been by the site last week and that the owner was apparently having the building demolished. He said that the building had previously been condemned by the city of Thomasville. Mr. Phibbs and I reviewed the August 21, 1992 memo from Joseph Gunn regarding materials on the site at that time. Mr. Phibbs indicated that all the materials listed in that memo had been removed from the site. Mr. Phibbs was not aware of any soil sampling done at the site or of any reports generated by the cleanup contractors. However, he referred me to Mr. Joe McNulty (910) 378-1431 of Greensboro who is the attorney for the property owner, Ms. Bertha Perry. Mr. Phibbs said that the facility had been on city water and sewer and had been discharging its pretreated process wastewater to the city sewer system.

MapQuest Home

INTERACTIVE ATLAS

FIND | VIEW | OPTIONS | POIs | EDIT | FILE | Print

Address: 27 W MAIN ST THOMASVILLE, NC (US)



On Click Center Zoom In Zoom Out Identify Icon

NATIONAL REGIONAL CITY STREET PAN

LEGEND Selected At Address At ZIP+4 At ZIP Code

Points of Interest *(only available within the United States)*

Personal	Dining	Lodging	Automotive	Entertainment	Transportation
Attractions	Education	Recreation	Shopping	Health Care	Civic
Banking	Services	Web Sites			

[INTERACTIVE ATLAS | TRIP QUEST | ABOUT MAPQUEST | MAPQUEST SERVICES | GEOSYSTEMS HOME PAGE | HELP WITH MAPQUEST | MAPQUEST FEEDBACK]

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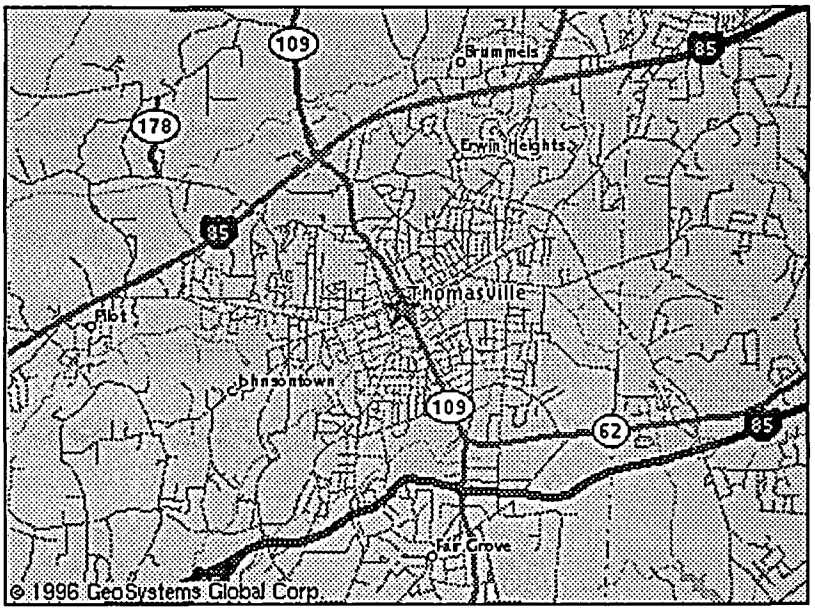

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NATIONAL REGIONAL CITY STREET PAN

LEGEND Selected At Address At ZIP+4 At ZIP Code

Points of Interest *(only available within the United States)*

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Banking	Services	Web Sites			

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INTERACTIVE ATLAS

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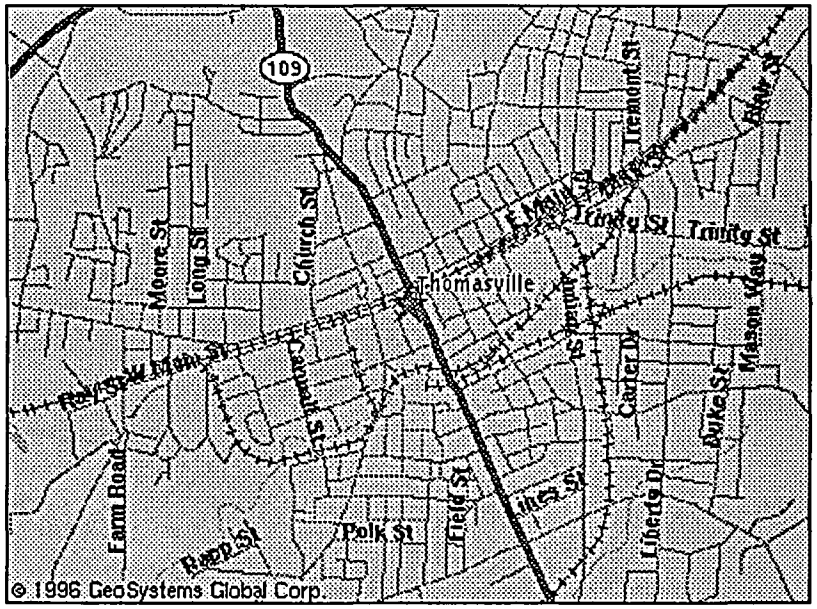

On Click Center Zoom In Zoom Out Identify Icon

NATIONAL REGIONAL CITY STREET PAN

LEGEND Selected At Address At ZIP+4 At ZIP Code

Points of Interest *(only available within the United States)*

Personal	Dining	Lodging	Automotive	Entertainment	Transportation
Attractions	Education	Recreation	Shopping	Health Care	Civic
Banking	Services	Web Sites			

[INTERACTIVE ATLAS | TRIP QUEST | ABOUT MAPQUEST | MAPQUEST SERVICES | GEOSYSTEMS HOME PAGE | HELP WITH MAPQUEST | MAPQUEST FEEDBACK]

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RECEIVED
JUL 18 1996
SUPERFUND SECTION

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
HAZARDOUS WASTE SECTION
ACTIVITY REPORT

Subject Triple Plating Inc. site remediation report

Location West Main Street City Thomasville, N. C.

By Whom Steve Phibbs, Waste Management Specialist

Person Contacted Robert Franklin, Robert Gaddy

Reason for Visit Completion of site remediation program

Copies to:
Keith Masters, Western Supervisor, Asheville, N.C.
Joe McNulty, Attorney, Greensboro, N.C.

REPORT

The completion of site remediation work ended at Triple Plating Inc. on December 15, 1995 with the removal of 3000 gallons of contaminated wastewater by Heritage Environmental Services of Charlotte, N.C. This activity should complete all RCRA activities at the site and has removed all known hazardous wastes and hazardous materials from the site. If there are any further questions or comments, please contact at (910) 771-4600.

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
HAZARDOUS WASTE SECTION
ACTIVITY REPORT

Subject Triple Plating Inc. site remediation activities

Location 27 West Main Street Time Spent Two Hours

City Thomasville, N.C. Date December 15, 1995

By Whom Steve Phibbs, Waste Management Specialist

Person Contacted Robert Franklin, attorney

Reason for Visit Completion of site remediation activities

Copies to:
Keith Masters, Western Supervisor, Asheville, N.C.

REPORT

On December 15, 1995 I met with Mr. Robert Franklin, attorney representing property owner Ms. Bertha Perry, and representatives from Heritage Environmental Services at the Triple Plating Inc. facility in Thomasville, N.C. Heritage employees were on site to remove approximately 1300 gallons of cyanide contaminated wastewater and assist with completion of on site RCRA activities.

The project began about 3:00 p.m. and was completed around 5:00 p.m. The hazardous waste was manifested to the Heritage Services facility in Indiana for treatment/disposal. A copy of the manifest will be maintained with the facility file. No additional RCRA activities are scheduled for Triple Plating at this time. This site has been referred to the Superfund Section for review.

TUGGLE DUGGINS & MESCHAN, P.A.
ATTORNEYS AND COUNSELLORS AT LAW
GREENSBORO, NORTH CAROLINA

MAILING ADDRESS
POST OFFICE BOX 2888
GREENSBORO, NC 27402

TELEPHONE (910) 378-1431
Fax No.: (910) 274-4339

OFFICES
228 WEST MARKET STREET
GREENSBORO, NC 27401
Writer's Direct Dial:
(910) 271-5238

December 19, 1995

DEC 1995
RECEIVED
SWS-WSRO

Mr. Steve Phibbs
Hazardous Waste Section
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT,
HEALTH AND NATURAL RESOURCES
505 Waughtown Street
Winston-Salem, NC 27107

Re: Former Triple Plating, Inc. Site - Disposal Manifest

Dear Steve:

I enjoyed meeting you on Friday, December 15, 1995. Enclosed herewith is the State of North Carolina's copy of the transportation manifest. I am also forwarding a copy to the State of Indiana. Heritage will forward to me a receipt manifest to verify the arrival of the hazardous waste. I will forward a copy to you when I receive it. Hopefully, this will conclude this matter. Joe and I appreciate you assistance in the clean up of this site.

Very truly yours,

Robert W. Franklin

RWF/amh

Enclosure

cc: Mrs. Bertha Perry

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

November 28, 1995

Post-it™ Fax Note 7671	Date 12/6	# of pages ▶ 1
To Steve Phibbs	From Brenda Rivers	
Co./Dept.	Co.	
Phone #	Phone #	
Fax #	Fax #	

MEMORANDUM

TO: Robert Franklin

FROM: Michael A. Kelly
Deputy Director

SUBJECT: Triple Plating Site

RECEIVED
N.C. Dept. of EHNR
DEC 6 - 1995
Winston-Salem
Regional Office

Heritage Environmental is authorized to remove and dispose of waste at the Triple Plating Site, 27 West Main Street, Thomasville, North Carolina. Emergency response funds will be used for remediation of this site. It is our understanding that the necessary work will not exceed $5,000.00. Please direct budget inquiries to Brenda Rivers, 401 Oberlin Road, Raleigh, North Carolina 27605, (919) 733-4996, Extension 204. Doug Holyfield or Steve Phibbs will direct this project for the division.

DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
HAZARDOUS WASTE SECTION
ACTIVITY REPORT

Subject Triple Plating Inc. Site Remediation Program

Location 27 West Main Street Date November 1, 1995

City Thomasville N.C. Time Spent two hours

By Whom Steve Phibbs, Waste Management Specialist

Person Contacted Robert Franklin, Gene Kube

Reason for Visit Triple Plating site remediation

Copies to:
Keith Masters, Western Supervisor, Asheville, N.C.

REPORT

On November 1, 1995 I spoke to Robert Franklin, attorney for Ms. Bertha Perry and Gene Kube with Heritage Environmental Services of Charlotte, N.C. concerning the completion of site remediation activities at Triple Plating Inc. of Thomasville, N.C. Mr. Franklin and Mr. McNulty had contacted Heritage Services in order to receive a quote on the completion of all hazardous waste removal and disposal from the site. Mr. Franklin and Mr. McNulty stated that Ms. Perry could not afford the cost for this final segment of the site clean-up. Mr. Kube sent a cost estimate to Mr. Franklin and to the WSRO, Hazardous Waste Section. The Hazardous Waste Section had agreed to provide the funds to complete site rememdiation activities.

Mr. Kube has been contacted to schedule a time to conduct the final phase of clean-up at Triple Plating Inc. This on site activity should be scheduled within the next thirty (30) days according to Mr. Kube. Once the hazardous waste has been removed and properly disposed of, we will turn the site over to the Superfund Section, since a previous referral had been made to their group. This final clean-up phase should complete the on-site RCRA activities for this facility. When a start date and completion date have been established, we will work closely with Heritage Services and Mr. McNulty to complete the site remediation program that has been on going for several years.

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

RECEIVED
APR 13 1994
SUPERFUND SECTION

April 13, 1994

MEMORANDUM

TO: Pat DeRosa
Superfund Section

THROUGH: Jerry Rhodes, Chief
Hazardous Waste Section

FROM: Doug Holyfield, Head
Waste Management Branch

RE: Triple Plating - NCD982115370
27 West Main Street
Thomasville, North Carolina 27361

This is to notify you that the noted site which has been closed since August of 1990, has been the subject of a RCRA Generator cleanup, which due to various constraints has resulted in an unacceptable situation. Due to ceasing of operations, we had previously been working with the operator of the site, Mr. Robert Gaddy, who with limited funds had proceeded to remediate a portion of the site in 1991/92. However, since Mr. Gaddy has failed to fulfill his responsibilities, the owner of the property, Ms. Bertha Perry has somewhat assumed the final closure of the site.

As noted in the attached consultant's report dated August 21, 1992, several significant environmental issues remain at the site. As funds have become available, we have been working with Ms. Perry to address some of these problems, however, at last count, approximately 40 drums of hazardous waste (F006-F008 electroplating sludges, chrome/cyanide) remain on-site. In discussions with Ms. Perry and her attorney, funds are no longer available to complete this closure and this waste will remain on-site indefinitely. In addition, subsurface site conditions are unknown and due to the site's history, contamination may be significant. It is our belief that the continued storage of these containers without proper management may warrant an immediate removal action. Consequently,

we respectfully refer this site to your attention for such if applicable. We will be glad to assist you in any manner. Keith Masters, Western Area Supervisor can be reached in Asheville at (704)688-3108 and Steve Phibbs, Waste Management Specialist can be reached in Winston-Salem at (910)896-7007. Please contact me if you have any questions.

attachments:

cc: Mike Kelly
Keith Masters
Steve Phibbs
Judy Bullock

YWC AN ENVIRONMENTAL SERVICES COMPANY

FAX COVER PAGE

TIME TRANSMITTED:

COMPANY: PHONE:

TO: Mike Kelly FAX #:

FROM: Joe Conn FAX #: 919-665-9051

DATE: 8/21/92 PROJECT:

NUMBER OF PAGES INCLUDING THIS FORM: 4

COMMENTS:

Mike,

This letter was faxed to Steve Phibbs - as a follow up to our conversation on Wednesday, please keep an eye on this situation; it could result in another inactive site for NC or cleanup by our EPA boys in Atlanta

Thanks for your time,

Joe

YWC TECHNOLOGIES, INC. - A BIRD ENVIRONMENTAL COMPANY
200 CENTREPORT DRIVE, SUITE 350 • GREENSBORO, NC 27409 • (919) 665-9192 • FAX (919) 665-9051

August 21, 1992

Mr. Steve Phibbs
North Carolina Department of Environment,
Health and Natural Resources
310 East Third Street Suite 200
Winston Salem, North Carolina 27101

Reference: Triple Plating
27 West Main Street
Thomasville, North Carolina

Dear Mr. Phibbs

Over the past seven weeks, YWC has provided environmental services to the firm of Tuggle Duggins & Meschan, representing Ms. Bertha Perry, for the removal, decontamination, treatment and disposal of regulated waste materials remaining from the plating operations of the former Triple Plating Company. Assumptions that Mr. Gaddy would contribute time and resources in this cleanup have failed, resulting in additional work by YWC and financial constraints on Ms. Perry. As a result of this, the amount of money due YWC and the uncertainty of payment if YWC proceeds, work activity has ceased until further notice. A meeting has been scheduled with Mr. Joseph McNulty of the law firm next Thursday at 1:30pm to hopefully resolve concerns on the financials and remaining work that needs to be completed.

In lieu of this, I am obligated to inform you of several site conditions that may require the attention of the State of North Carolina, and possible emergency funding to secure and complete work activities at the site.

The waste water currently contained in the plating tanks is a hazardous waste due to the high levels of chrome. Levels of cyanide have not been tested, but reason would lead one to believe that cyanide and other regulated metal would also be in the waste water based on background information and testing.
This material requires further treatment for cyanide reduction and precipitation of metals. Otherwise, the water should be manifested to a licensed treatment facility for proper handling and disposal. Analytical testing is recommended to accurately profile the water. Processing on-site through the boiler may not be safe, and air emissions would be a concern.

Approvals for disposal of the debris in the roll-off containers has been completed by Chemical Waste Management. I expect contracts to be in-place by August 28, 1992. However, Mr. Joseph McNulty is pursuing an approval through Laidlaw Environmental via Pinewood, South Carolina in an effort to save approximately $5,000 in shipping costs.

Additional storage time may be required, and YWC is closing out our contract on the rental agreement and transferring it to the law firm at Joe's request.

Filter cake and tank bottom sludges currently stored in drums are a hazardous waste by definition. Also, acid transferred from a plating tank is contained in three poly drums as well. These drums are labeled, and currently stored inside the building. Due to financial constraints, Mr. McNuity is also looking at disposal through other licensed facilities. YWC extracted samples at his request for lab testing and qualification to other facilities. YWC will not be responsible for the analytical work, as Joe is to pick these samples up and have the testing done through the law firm as well. Again, additional storage time may be required on this material.

The drums outside of the building have not been addressed, and were not a part of our original work plan and project budget. Drums contain solid debris, metal fines, and rain water. As you know, one drum is clearly labeled Sodium Cyanide. I highly suspect these material to be laden with cyanide and heavy metals, and should be addressed. Flammable and combustible materials are stored in a wooden building adjacent to the main building, and were not a part of our original work plan or project budget as well.

There are miscellaneous chemicals throughout the building. Upstairs over the offices, there are containers of chemicals stored. In the caged area next to the filter press are various gas cylinders and assorted chemical products. YWC has not been authorized to seek disposal options on these items, and should be handled in a safe and proper method.

Results from our debris sampling indicate that heavy metals may be present in the buffing room. There is insufficient data to determine if the debris and floor dust contains regulated metals. YWC did not address this room due to financial limits in our project budget.

Wipe samples performed after gross decontamination of the plating line area show no residual cyanide on the walls or ceilings of this area. This data was submitted to you on August 20, 1992. The floor samples are elevated in part due to silica activity while treating the waste water, and a final decon procedure needs to be done to remove remaining contaminants.

A random wipe of one of the empty plating tanks supposedly cleaned by Mr. Gaddy revealed cyanide levels above allowable limits. As stated in the memo August 20, all the tanks should be wipe tested, recleaned and retested prior to the sale of this equipment or scrap through DH Griffin. YWC has not prepared additional financial information for this work at the current time.

YWC is not privy to Ms. Perry's financial resources for funding this cleanup. I am concerned that special arrangements with the State may be required to adequately remove, treat and dispose of the remaining waste materials mentioned in this letter. At this time, no consideration has been given to the subsurface investigation of concrete and soils beneath the facility, and will be an issue should the building be torn down or should ownership of the property be transferred.

Should YWC recover the costs incurred to-date, and receive written confirmation of funding to complete the tasks at this site, work will resume. At this time, YWC can not engage additional resources to complete the work outlined in our original work plan and project budget. I recommend you stay in touch with Mr. Joseph McNulty, and take appropriate action on those items outlined above.

Thank you for all the time and effort spent in this project. If I can be of assistance to you, the State of North Carolina or Ms. Perry in the future, please do not hesitate to call on me.

Very truly yours,

Joseph F. Gunn

(11)

YWC AN ENVIRONMENTAL SERVICES COMPANY

FAX COVER PAGE

TIME TRANSMITTED:

COMPANY: PHONE:

TO: Mike Kelly FAX #:

FROM: Joe Conn FAX #: 919-665-9051

DATE: 8/21/92 PROJECT:

NUMBER OF PAGES INCLUDING THIS FORM: 4

COMMENTS:

Mike,

This letter was faxed to Steve Phibbs - as a follow up to our conversation on Wednesday, please keep an eye on this situation, it could result in another inactive site for NC or cleanup by our EPA boys in Atlanta

Thanks for your time,

Joe

YWC TECHNOLOGIES, INC. • A BIRD ENVIRONMENTAL COMPANY
200 CENTREPORT DRIVE, SUITE 350 • GREENSBORO, NC 27409 • (919) 665-9192 • FAX (919) 665-9051

N. C. DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

RECEIVED
MAR 01 1991
HAZARDOUS WASTE SECTION

Chain of Custody Record

Hazardous Waste Materials

Location of Sampling: ✓ Small Generator ___ Transporter ___ Treatment Facility
___ Storage Facility ___ Disposal Facility ___ Landfill
___ Other: ___

Company's Name Triple Plating Inc. Telephone (919) 431-1755

Address 27. W. Main St. Thomasville, N.C.

Collector's Name Steve Hubbs (signature) Telephone (919) 761-2390

Date Sampled 1/16/91 Time Sampled 10:30 A.M.

Type of Process Generating Waste Electroplating Operation

Field Information

Samples collected from brass, chrome and nickel plating tanks as well as sludge from filter press.

Field Sample No. 008114 008116 008118 008120 ___ ___ ___
008115 008117 008119 ___ ___ ___ ___

Chain of Possession:

1. Steve Hubbs (signature) Waste Mgt. Specialist (title) 1/16/91 (inclusive dates)

2. Arnold Hall (signature) Chemistry Technician III (title) 1/17/91 – 1/18/91 (inclusive dates)

3. Joyce Davis (signature) Chemistry Technician III (title) 18 Jan 91 (inclusive dates)

Results reported

[illegible] (signature) Chemist (title) 27 Feb 91 (date)

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

C. DEPARTMENT OF HUMAN RESOUR
DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Receipt for Samples

The samples described below were collected in connection with the administration, enforcement, and documentation of the:

(✓) North Carolina Hazardous Waste Management Rules, 10 NCAC 10F

( ) North Carolina Solid Waste Management Rules, 10 NCAC 10G

( ) Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

( ) Toxic Substances Control Act (TSCA) 15 U.S.C. §2601, et seq., specifically Section 11 of TSCA, 15 U.S.C. § 2610.

Steve Phillips — Inspector's Name
210 E. Third St. Winston-Salem — Inspector's Address

Triple Plating Inc. — Name of Firm
97 W. Main St., Thomasville, N.C. — Firm Address

Robert Godfrey — Firm Owner, Operator, or Agent
Owner — Title

SAMPLE NUMBER	COLLECTED DATE	COLLECTED TIME	SAMPLE TYPE WATER	SAMPLE TYPE SOIL	SAMPLE TYPE OTHER	DUPLICATE SAMPLES OFFERED	DUPLICATE SAMPLES ACCEPTED	DUPLICATE SAMPLES REJECTED	SAMPLE LOCATION ON-SITE	SAMPLE LOCATION OFF-SITE
008114	1/16/91	10:30 a.m.			✓			✓	✓	
008115	1/16/91	10:30			✓			✓	✓	
008116	1/16/91	10:30			✓			✓	✓	
008117	1/16/91	10:30			✓			✓	✓	
008118	1/16/91	10:30			✓			✓	✓	
008119	1/16/91	10:30			✓			✓	✓	
008120	1/16/91	10:30			✓			✓	✓	

Receipt for the sample(s) described above is hereby acknowledged:

Steve Phillips
Signature of Inspector

Waste Mgt. Specialist
Title

Receipt/rejection of duplicate or split samples is hereby acknowledged:

Signature of Firm Owner, Operator, or Agent

Title

COMMENTS Please analyze as soon as possible; part of hazardous waste investigation

DHS 3241 (7/84)
Solid & Hazardous Waste

40-ml Glass Vials With Septum Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#7

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

Site Number 29.D982115370 Field Sample Number 008120

Name of Site Triple Plating Inc. Site Location 27W. Main St., Thomasville N.

Collected By S. Hubbs ID# 08 Date Collected 1/16/91 Time 10:30 AM

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	___ Liquid (6)
___ Soil (3)	✓ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from sludge storage boxes near filter press

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ Arsenic	<0.01	Arsenic		Silver	
✓ Barium	2.29	Barium		Sulfates	
✓ Cadmium	<0.08	Cadmium		Zinc	
✓ Chromium	1.71	Chloride		Ph	
✓ Lead	<0.50	Chromium		Conductivity	
✓ Mercury	<0.02	Copper		TDS	
✓ Selenium	0.041	Fluoride		TOC	
✓ Silver	<0.10	Iron			
✓ Copper	4.37	Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___ 001592 JAN 2391

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

) 40-ml Glass Vials With Sept Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#1

State Laboratory of Public Heal
P. O. Box 280
306 N. Wilmington Stre
Raleigh, 276.

Site Number 29D982115370 Field Sample Number 008114

Name of Site Triple Plating Inc. Site Location 27 W. Main St. Thomasville, N. C.

Collected By S. Phillips ID# 08 Date Collected 1/16/91 Time 10:30 A.M.

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	✓ Liquid (6)
___ Soil (3)	___ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from electroplating tank

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		✓ Arsenic	<1.0	✓ Silver	<8
Barium		✓ Barium	<3	Sulfates	
Cadmium		✓ Cadmium	<6	✓ Zinc	350
Chromium		~~Chloride~~		✓ Ph	7 (paper)
Lead		✓ Chromium	185	Conductivity	
Mercury		✓ Copper	<4	TDS	
Selenium		Fluoride		TOC	
Silver		Iron		✓ Nickel	72 000
		✓ Lead	<8	✓ Cyanide	<8
		Manganese			
		✓ Mercury	<0.02		
		Nitrate			
		✓ Selenium	<2.0		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___ 001593 JAN 23 91

HS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

40-ml Glass Vials With Septum Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#2

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

Site Number 29D982115370 Field Sample Number 008115

Name of Site Triple Plating Inc. Site Location 27 W. Main St. Thomasville, N.C.

Collected By S. Phillips ID# 08 Date Collected 1/16/91 Time 10:30 A.M.

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	✓ Liquid (6)
___ Soil (3)	___ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from electroplating tank

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		✓ Arsenic	<1.0	✓ Silver	<8
Barium		✓ Barium	<3	Sulfates	
Cadmium		✓ Cadmium	<6	✓ Zinc	320
Chromium		~~✓ Chloride~~		✓ Ph	7 (paper)
Lead		✓ Chromium	300	Conductivity	
Mercury		✓ Copper	9	TDS	
Selenium		Fluoride		TOC	
Silver		Iron		✓ Nickel	71,000
		✓ Lead	<8	✓ Cyanide	<8
		Manganese			
		✓ Mercury	<0.02		
		Nitrate			
		✓ Selenium	<10		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls.
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___

001594 JAN 23 91

DHS 3191 (Revised 7/85)
Inland Hazardous Waste (Review 7/87)

40-ml Glass Vials With Septum Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#3

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Street
Raleigh, 2761

Site Number 29D982115370 Field Sample Number 008116

Name of Site Triple Plating Inc. Site Location 27 W. Main St. Thomasville, N.C.

Collected By S. Phillips ID# 08 Date Collected 1/16/91 Time 10:30AM

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	✓ Liquid (6)
___ Soil (3)	___ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from electroplating tank.

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		✓ Arsenic	<1.0	✓ Silver	<10
Barium		✓ Barium	<4	Sulfates	
Cadmium		✓ Cadmium	<8	Zinc	
Chromium		~~Chloride~~		✓ Ph	11 (paper)
Lead		✓ Chromium	<10	Conductivity	
Mercury		✓ Copper	5,500	TDS	
Selenium		Fluoride		TOC	
Silver		Iron		✓ Cyanide	5800
		✓ Lead	<10		
		Manganese			
		✓ Mercury	<0.02		
		Nitrate			
		✓ Selenium	<0.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___ 001595 JAN 23 91

HS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

40-ml Glass Vials With Septum Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#4

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Street
Raleigh, 27611

Site Number 29D 982453 70 Field Sample Number 008117

Name of Site Triple Plating Inc. Site Location 27 W. Main St., Thomasville, NC

Collected By S. Hubbs ID# 08 Date Collected 1/16/91 Time 10:30 A.M.

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	✓ Liquid (6)
✓ Soil (3)	___ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from electroplating tank

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		✓ Arsenic	<1.0	✓ Silver	<9
___ Barium		✓ Barium	<4	___ Sulfates	
___ Cadmium		✓ Cadmium	<7	___ Zinc	
___ Chromium		✓ ~~Chloride~~		✓ Ph	11 (paper)
___ Lead		✓ Chromium	<9	___ Conductivity	
___ Mercury		✓ Copper	22,400	___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron		✓ Cyanide	2.8 %
		✓ Lead	<9		
		___ Manganese			
		✓ Mercury	<0.02		
		___ Nitrate			
		✓ Selenium	<0.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___ 001596 JAN 23 91

DHS 3191 (Revised 7/85)
Soil and Hazardous Waste (Review 7/87)

40-ml Glass Vials With Septum Tops

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#3

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Street
Raleigh, 2761

Site Number 29D982115370 Field Sample Number 008118

Name of Site Triple Plating Inc. Site Location 27 W. Main St., Thomasville NC

Collected By S. Hubbs ID# 08 Date Collected 1/16/91 Time 10:30A.

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	___ Liquid (6)
___ Soil (3)	___ Sludge (7)
___ Other (4)	___ Other (8)

Comments: Sample collected from an electroplating tank

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		✓ Arsenic	<1.0	✓ Silver	<10
___ Barium		✓ Barium	<4	___ Sulfates	
___ Cadmium		✓ Cadmium	<8	___ Zinc	
___ Chromium		~~Chloride~~		✓ Ph	11 (paper)
___ Lead		✓ Chromium	<10	___ Conductivity	
___ Mercury		✓ Copper	6,810	___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron		✓ Cyanide	1.0 %
		✓ Lead	<10		
		___ Manganese			
		✓ Mercury	<0.02		
		___ Nitrate			
		✓ Selenium	<0.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 001597 JAN 23 91

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

40-ml Glass Vials With Septum Caps

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

#6

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

Site Number 29D982115370 Field Sample Number 008119

Name of Site Triple Plating, Inc. Site Location 27 W. Main St., Thomasville, NC

Collected By S. Phillips ID# 08 Date Collected 1/16/91 Time 10:30 AM

Type of Sample: Check either: 1, or 2

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	✓ Liquid (6)
___ Soil (3)	___ Sludge (7)
✓ Other (4)	___ Other (8)

Comments: Sample collected from an electroplating tank.

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		✓ Arsenic	<41	✓ Silver	<8
___ Barium		✓ Barium	<3	___ Sulfates	
___ Cadmium		✓ Cadmium	<7	___ Zinc	
___ Chromium		~~Chloride~~		✓ Ph	10 (pcpu)
___ Lead		~~Chromium~~	16 800	___ Conductivity	
___ Mercury		✓ Copper	15	___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron		✓ Cyanide	260
		✓ Lead	8		
		___ Manganese			
		✓ Mercury	<0.02		
		___ Nitrate			
		✓ Selenium	<1.0		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

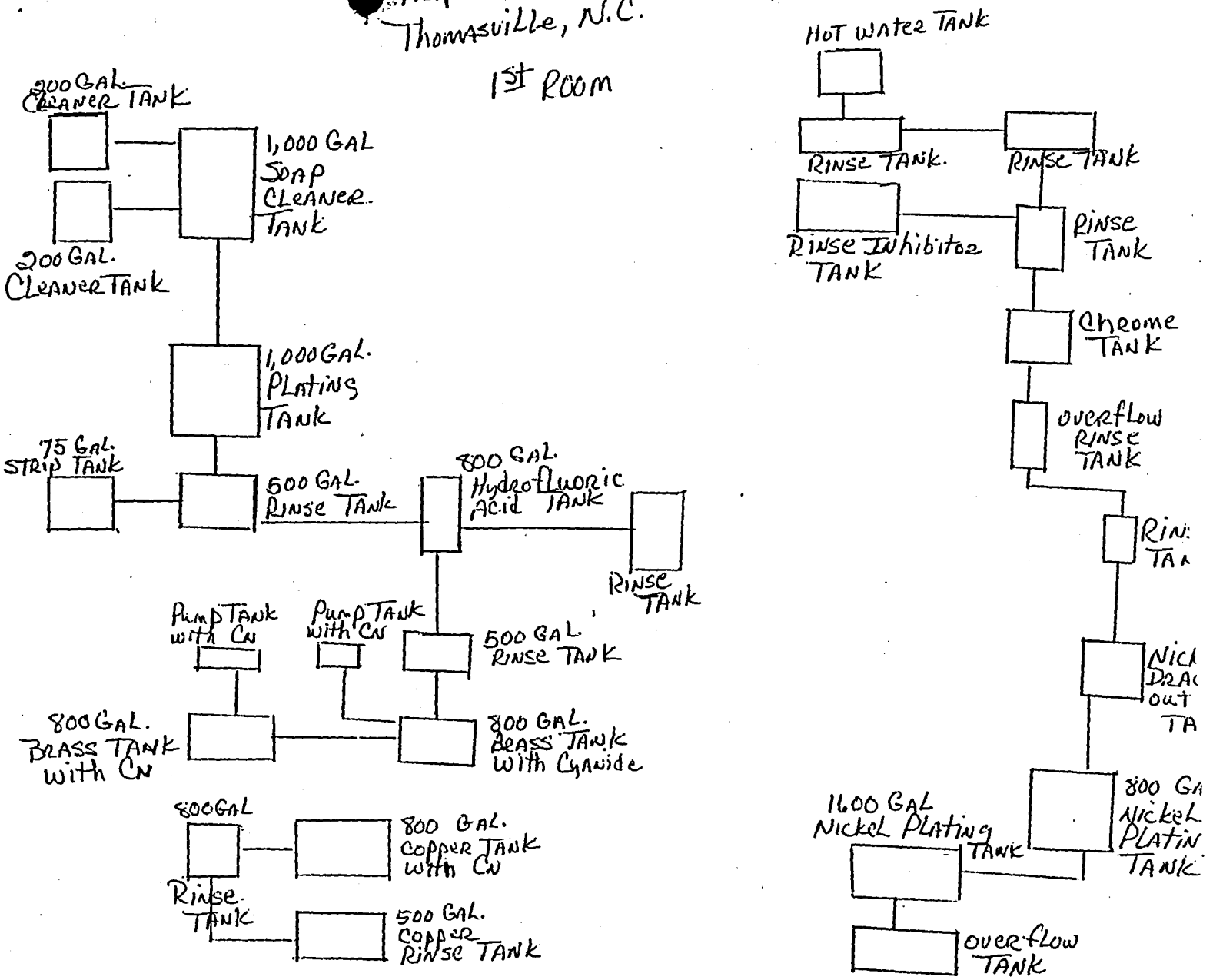
Reported By ___ Lab Number ___

001578 JAN 2391

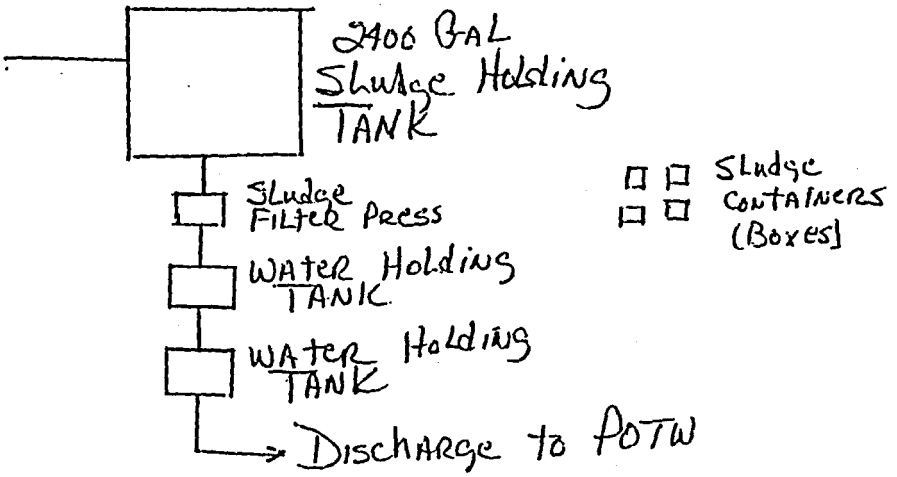
DHS 3191 (Revised 7/85)
Inland Hazardous Waste (Review 7/87)

Triple Plating Inc.
Thomasville, N.C.

1st Room



2nd Room



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State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

January 24, 1991

002

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

NOTICE OF VIOLATION
Docket #91-068

Mr. Robert Gaddy
Triple Plating, Incorporated
Box 1075
Thomasville, NC 27360

Ms. Bertha N. Perry
Ms. Cathy McDowell
1601 Heathgate Court
High Point, NC 27262

RECEIVED
DEC 13 1991
RCRA FILE ROOM

NCD 982 115 370

Re: Abandoned chemical storage tanks and filter press sludge at the closed Triple Plating, Incorporated facility, 27 W. Main Street, Thomasville, NC.

Dear Mr. Gaddy:

On December 18, 1980, the State of North Carolina, Hazardous Waste Section (State) was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, (Act) N.C.G.S. 130A, Article 9 and rules promulgated thereto at 15A NCAC 13A (rules) in lieu of the federal RCRA program.

On January 16, 1991, Mr. Steve Phibbs, Waste Management Specialist with the Section investigated the storage and disposal of solid waste at the closed Triple Plating, Incorporated facility in Thomasville, North Carolina. Mr. Phibbs observed approximately twenty eight (28) electroplating process tanks, ten (10) 55 gallon drums and about five (5) drums of hazardous waste filter cake sludge (F006) stored inside the facility. The process tanks contain liquids with concentrations of chromium, acid, copper and nickel as well as cyanide solutions. The filter cake sludge was stored in cardboard boxes or laying on top of a pallet covered with cardboard.

A. 40 CFR 261.1(a), codified at 15A NCAC 13A .0006, states that this part identifies those solid wastes which are subject to regulation as hazardous wastes under Parts 262 through 265 and

Parts 268, 270, 271, and 124 of this Chapter and which are subject to the notification requirements of Section 3010 of RCRA.

B. 40 CFR 261.2(b), codified at 15A NCAC 13A .0006, states that materials are solid waste if they are abandoned by being [1] disposed of; or [2] burned or incinerated; or [3] accumulated, stored, or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

C. 40 CFR 261.3(a), codified at 15A NCAC 13A .0006, states that a solid waste, as defined in Section 261.2 is a hazardous waste if:

1. It is not excluded from regulation as a hazardous waste under Section 261.4(b); and

2. It meets any of the following criteria:

i. It exhibits the characteristics of hazardous waste identified in Subpart C.

ii. It is listed in Subpart D and has not been excluded from the lists in Subpart D under Sections 260.20, and 260.22 of this chapter.

iii. It is a mixture of solid waste and hazardous waste that is listed in Subpart D solely because it exhibits one or more of the characteristics of hazardous waste identified in Subpart C, unless the resultant mixture no longer exhibits any characteristic of hazardous waste identified in Subpart C.

iv. It is a mixture of solid waste and one or more hazardous wastes listed in Subpart D and has not been excluded from this paragraph under Sections 260.20 and 260.22 of this chapter.

D. 40 CFR 261.7(a)(2), codified at 15A NCAC 13A .0006, states that any hazardous waste in either (i) a container that is not empty or (ii) an inner liner removed from a container that is not empty is subject to regulation under Parts 261 through 265, and Parts 270 and 124 of this chapter and to the notification requirements of Section 3010 of RCRA.

E. It is the determination of the Section that the storage of various acids and electroplating chemicals and sludges at the Triple Plating, Incorporated site, Thomasville, NC, constitutes storage of a hazardous waste subject to all applicable requirements of 40 CFR 262 through 265 and 270, specifically:

1. 40 CFR 262.11, codified at 15A NCAC 13A .0007, states that

a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste using the following method:

a. He should first determine if the waste is excluded from regulation under 40 CFR 261.4 and 261.5.

b. He must then determine if the waste is listed as a hazardous waste in Subpart D of 40 CFR Part 261.

c. If the waste is not listed as a hazardous waste in Subpart D of 40 CFR Part 261, he must determine whether the waste is identified in Subpart C of 40 CFR Part 261 by either:

   i. Testing the waste according to the methods set forth in Subpart C of 40 CFR Part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or

   ii. Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used.

Triple Plating, Incorporated is in violation of 40 CFR 262.11, codified at 15A NCAC 13A .0007, in that it generated a solid waste, as defined in 40 CFR 261.2, and did not determine if that waste is a hazardous waste.

2. 15A NCAC 13A .0009(a), states that any person who treats, stores, or disposes of hazardous waste shall do so in compliance with the standards set forth in this rule, and only after having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or having received interim status according to 15A NCAC 13A .0013(b)(3).

Triple Plating, Incorporated is in violation of 15A NCAC 13A .0009(a), in that it has stored hazardous waste without having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or without having received interim status according to 15A NCAC 13A .0013(b)(3).

3. 40 CFR 262.30, codified at 15A NCAC 13A .0007, states that before offering hazardous waste for transportation off-site, a generator must package the waste in accordance with the applicable Department of Transportation regulations or packaging under 49 CFR Parts 173, 178 and 179.

Triple Plating, Incorporated is in violation of 40 CFR 262.30, codified at 15A NCAC 13A .0007, in that hazardous waste electroplating sludge (F006) was not being packaged in accordance with the applicable Department of Transportation regulations under 40 CFR Parts 173, 178 and 179.

4. 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, states that a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status provided that the date upon which each of accumulation begins is clearly marked and visible for inspection on each container.

Triple Plating, Incorporated is in violation of 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, in that the beginning accumulation start dates were not marked or visible for inspection on each container.

5. 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, states that while being accumulated on-site, each container or tank is labeled or marked clearly with the words "Hazardous Waste".

Triple Plating, Incorporated, is in violation of 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, in that the containers of hazardous waste were not labeled or marked clearly with the words "Hazardous Waste".

COMPLIANCE SCHEDULE

By the dates specified below, Triple Plating, Incorporated shall comply with the following requirements:

1. Comply with 40 CFR 262.11, codified at 15A NCAC 13A .0007, by conducting an immediate determination and/or analysis of all wastes in containers, electroplating process tanks and in the sludge containers which will be necessary to ensure proper characterization and disposition.

   By February 15, 1991, develop and submit to this office a comprehensive sampling and analysis report which will characterize all wastes and hazardous materials currently being stored on-site. This includes all materials in the electroplating tanks, containers and sludge wastes materials.

2. Comply with 15A NCAC 13A .0009, by no longer storing hazardous waste on-site and all hazardous wastes previously stored on-site shall be shipped to a permitted hazardous waste treatment, storage and/or disposal facility by March 15, 1991.

3. Comply with 40 CFR 262.30, codified at 15A NCAC 13A .0007, by immediately packaging all containers of hazardous waste in accordance with the applicable Department of Transportation regulations under 49 CFR.

4. Comply with 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, by clearly marking each container of hazardous waste with the accumulation start date and ensuring that these dates are visible for inspection.

5. Comply with 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, by labeling or marking each container or tank clearly with the words "Hazardous Waste".

If the requirements above are not met, enforcement action including injunctive relief may be obtained for continued violations of the hazardous waste law or regulations.

If you have any questions concerning this matter, you may contact Keith Masters at (704) 688-4237.

Sincerely,

Jerome H. Rhodes

Jerome H. Rhodes, Chief
Hazardous Waste Section

JHR/dd/KM184

cc: Keith Masters
Central Files
Steve Phibbs
Steve Reid
Margaret Foster

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State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

January 24, 1991

002

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

NOTICE OF VIOLATION
Docket #91-068

Mr. Robert Gaddy
Triple Plating, Incorporated
Box 1075
Thomasville, NC 27360

Ms. Bertha N. Perry
Ms. Cathy McDowell
1601 Heathgate Court
High Point, NC 27262

RECEIVED
DEC 13 1991
RCRA FILE ROOM

NCD 982 115 370

Re: Abandoned chemical storage tanks and filter press sludge at the closed Triple Plating, Incorporated facility, 27 W. Main Street, Thomasville, NC.

Dear Mr. Gaddy:

On December 18, 1980, the State of North Carolina, Hazardous Waste Section (State) was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, (Act) N.C.G.S. 130A, Article 9 and rules promulgated thereto at 15A NCAC 13A (rules) in lieu of the federal RCRA program.

On January 16, 1991, Mr. Steve Phibbs, Waste Management Specialist with the Section investigated the storage and disposal of solid waste at the closed Triple Plating, Incorporated facility in Thomasville, North Carolina. Mr. Phibbs observed approximately twenty eight (28) electroplating process tanks, ten (10) 55 gallon drums and about five (5) drums of hazardous waste filter cake sludge (F006) stored inside the facility. The process tanks contain liquids with concentrations of chromium, acid, copper and nickel as well as cyanide solutions. The filter cake sludge was stored in cardboard boxes or laying on top of a pallet covered with cardboard.

A. 40 CFR 261.1(a), codified at 15A NCAC 13A .0006, states that this part identifies those solid wastes which are subject to regulation as hazardous wastes under Parts 262 through 265 and

Parts 268, 270, 271, and 124 of this Chapter and which are subject to the notification requirements of Section 3010 of RCRA.

B. 40 CFR 261.2(b), codified at 15A NCAC 13A .0006, states that materials are solid waste if they are abandoned by being [1] disposed of; or [2] burned or incinerated; or [3] accumulated, stored, or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

C. 40 CFR 261.3(a), codified at 15A NCAC 13A .0006, states that a solid waste, as defined in Section 261.2 is a hazardous waste if:

1. It is not excluded from regulation as a hazardous waste under Section 261.4(b); and

2. It meets any of the following criteria:

i. It exhibits the characteristics of hazardous waste identified in Subpart C.

ii. It is listed in Subpart D and has not been excluded from the lists in Subpart D under Sections 260.20, and 260.22 of this chapter.

iii. It is a mixture of solid waste and hazardous waste that is listed in Subpart D solely because it exhibits one or more of the characteristics of hazardous waste identified in Subpart C, unless the resultant mixture no longer exhibits any characteristic of hazardous waste identified in Subpart C.

iv. It is a mixture of solid waste and one or more hazardous wastes listed in Subpart D and has not been excluded from this paragraph under Sections 260.20 and 260.22 of this chapter.

D. 40 CFR 261.7(a)(2), codified at 15A NCAC 13A .0006, states that any hazardous waste in either (i) a container that is not empty or (ii) an inner liner removed from a container that is not empty is subject to regulation under Parts 261 through 265, and Parts 270 and 124 of this chapter and to the notification requirements of Section 3010 of RCRA.

E. It is the determination of the Section that the storage of various acids and electroplating chemicals and sludges at the Triple Plating, Incorporated site, Thomasville, NC, constitutes storage of a hazardous waste subject to all applicable requirements of 40 CFR 262 through 265 and 270, specifically:

1. 40 CFR 262.11, codified at 15A NCAC 13A .0007, states that

a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste using the following method:

a. He should first determine if the waste is excluded from regulation under 40 CFR 261.4 and 261.5.

b. He must then determine if the waste is listed as a hazardous waste in Subpart D of 40 CFR Part 261.

c. If the waste is not listed as a hazardous waste in Subpart D of 40 CFR Part 261, he must determine whether the waste is identified in Subpart C of 40 CFR Part 261 by either:

   i. Testing the waste according to the methods set forth in Subpart C of 40 CFR Part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or

   ii. Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used.

Triple Plating, Incorporated is in violation of 40 CFR 262.11, codified at 15A NCAC 13A .0007, in that it generated a solid waste, as defined in 40 CFR 261.2, and did not determine if that waste is a hazardous waste.

2. 15A NCAC 13A .0009(a), states that any person who treats, stores, or disposes of hazardous waste shall do so in compliance with the standards set forth in this rule, and only after having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or having received interim status according to 15A NCAC 13A .0013(b)(3).

Triple Plating, Incorporated is in violation of 15A NCAC 13A .0009(a), in that it has stored hazardous waste without having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or without having received interim status according to 15A NCAC 13A .0013(b)(3).

3. 40 CFR 262.30, codified at 15A NCAC 13A .0007, states that before offering hazardous waste for transportation off-site, a generator must package the waste in accordance with the applicable Department of Transportation regulations or packaging under 49 CFR Parts 173, 178 and 179.

Triple Plating, Incorporated is in violation of 40 CFR 262.30, codified at 15A NCAC 13A .0007, in that hazardous waste electroplating sludge (F006) was not being packaged in accordance with the applicable Department of Transportation regulations under 40 CFR Parts 173, 178 and 179.

4. 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, states that a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status provided that the date upon which each of accumulation begins is clearly marked and visible for inspection on each container.

Triple Plating, Incorporated is in violation of 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, in that the beginning accumulation start dates were not marked or visible for inspection on each container.

5. 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, states that while being accumulated on-site, each container or tank is labeled or marked clearly with the words "Hazardous Waste".

Triple Plating, Incorporated, is in violation of 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, in that the containers of hazardous waste were not labeled or marked clearly with the words "Hazardous Waste".

COMPLIANCE SCHEDULE

By the dates specified below, Triple Plating, Incorporated shall comply with the following requirements:

1. Comply with 40 CFR 262.11, codified at 15A NCAC 13A .0007, by conducting an immediate determination and/or analysis of all wastes in containers, electroplating process tanks and in the sludge containers which will be necessary to ensure proper characterization and disposition.

   By February 15, 1991, develop and submit to this office a comprehensive sampling and analysis report which will characterize all wastes and hazardous materials currently being stored on-site. This includes all materials in the electroplating tanks, containers and sludge wastes materials.

2. Comply with 15A NCAC 13A .0009, by no longer storing hazardous waste on-site and all hazardous wastes previously stored on-site shall be shipped to a permitted hazardous waste treatment, storage and/or disposal facility by March 15, 1991.

3. Comply with 40 CFR 262.30, codified at 15A NCAC 13A .0007, by immediately packaging all containers of hazardous waste in accordance with the applicable Department of Transportation regulations under 49 CFR.

4. Comply with 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, by clearly marking each container of hazardous waste with the accumulation start date and ensuring that these dates are visible for inspection.

5. Comply with 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, by labeling or marking each container or tank clearly with the words "Hazardous Waste".

If the requirements above are not met, enforcement action including injunctive relief may be obtained for continued violations of the hazardous waste law or regulations.

If you have any questions concerning this matter, you may contact Keith Masters at (704) 688-4237.

Sincerely,

Jerome H. Rhodes

Jerome H. Rhodes, Chief
Hazardous Waste Section

JHR/dd/KM184

cc: Keith Masters
Central Files
Steve Phibbs
Steve Reid
Margaret Foster

G-3
Superfund Cleanup in SC

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

FEB 12 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
FEB 18 1991
HAZARDOUS WASTE SECTION

4WD-RCRA&FFB

Mr. Robert Gaddy
Triple Plating Company
27 West Main Street
P.O. Box 1075
Thomasville, North Carolina 27361

RE: Request for Information Pursuant to Section 3007 of RCRA, for Triple Plating Company, NCD 982 115 370

Dear Mr. Gaddy:

The United States Environmental Protection Agency (EPA) is seeking information concerning the materials which have been received, stored, and processed at your facility. This investigation is conducted under the provisions of Section 3007 of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. Section 6927. Pursuant to these statutory provisions, you are hereby requested to respond to the information request set forth in Enclosure A, attached hereto, concerning Triple Plating Company.

Compliance with this request for information is mandatory. Failure to respond fully and truthfully to each and every query or request by February 22, 1991, or to adequately justify such failure to respond, may result in enforcement action by EPA pursuant to Section 3008 of RCRA. This statute permits EPA to seek the imposition of penalties of up to twenty-five thousand dollars ($25,000) for each day of non-compliance. Please be further advised that false, fictitious, or fraudulent statements or representations may subject you to criminal penalties under 18 U.S.C. Section 1001.

Your response to this request for information, including all documentation, should be mailed to:

Jeffrey T. Pallas
Acting Chief, East Unit
Waste Compliance Section
U.S. Environmental Protection Agency
345 Courtland Street, NE
Atlanta, Georgia 30365

The information requested herein must be provided notwithstanding its possible characterization as confidential information or trade secrets.

You may, if you desire, assert a business confidentiality claim covering part or all of the information requested, in the manner described by 40 C.F.R. Section 2.203(b), by attaching to such information at the time it is submitted, a cover sheet, stamped or typed legend, or other suitable form of notice employing language such as "trade secret," or "company confidential."

Information covered by such a claim will be disclosed by EPA only to the extent, and only by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If no such claim accompanies the information when it is received by EPA, it may be available to the public by EPA without further notice to you. You should read the above-cited regulations carefully before asserting a business confidentiality claim, since certain categories of information are not properly the subject of such a claim.

Because of the seriousness of this matter and attendant legal ramifications, EPA encourages you to submit your written response within the timeframe specified herein. We hope you give this matter your immediate attention.

Should you have any questions, please contact Ms. Jacquelyn Miller of my staff at (404) 347-7603. Thank you for your cooperation.

Sincerely yours,

Donald J. Guinyard
Acting Director
Waste Management Division

Enclosure

cc: Jerry Rhodes, NC DEHNR

ENCLOSURE A

1. Provide a copy of the Material Safety Data Sheet for any products ever used in a process which generates hazardous waste.

2. In tabular form, for any hazardous wastes generated since November 19, 1980, provide the following: a short description of the waste; the Hazardous Waste Number assigned to the waste; quantities and dates generated; and, method of disposal of the waste.

3. Provide copies of all manifests or other documents such as invoices, etc., sent off-site by your facility which included hazardous waste.

NCD 982 115370
SG

(4)

State of North Carolina

LACY H. THORNBURG
ATTORNEY GENERAL

Department of Justice
P.O. BOX 629
RALEIGH
27602-0629

April 05, 1991

Mr. Robert E. Gaddy
President
Triple Plating, Inc.
Post Office Box 1075
Thomasville, North Carolina 27361

RE: Triple Plating, Inc.

Dear Mr. Gaddy:

I am in receipt of your letter dated March 14, 1991 in which you requested a forty-five (45) day extension in order to come into compliance with the conditions of the Notice of Violation dated January 24, 1991. My client, the Division of Solid Waste Management, has authorized me to extend your compliance deadline until May 6, 1991. The decision to extend this deadline was based on the positive steps you have taken thus far to deal with the waste remaining at your facility.

While my client is willing to allow you this additional time in which to fully comply with the Notice of Violation, I must strongly emphasize to you that you must complete corrective action by May 6, 1991 or face enforcement action. My client intends to seek injunctive relief and/or a significant monetary penalty if this new deadline is not met.

By copy of this letter I am requesting Mr. Steve Phibbs to conduct a follow-up inspection on May 6, 1991 to verify that corrective action is complete. In the meantime, if you have any questions or need any other assistance, please call either Mr. Phibbs at (919) 761-2390 or me at (919) 733-8352.

Thank you for your cooperation.

Sincerely,

LACY H. THORNBURG
Attorney General

Judith Robb Bullock
Associate Attorney General

JRB/cn

cc: Jerry Rhodes
Doug Holyfield
Keith Masters
Steve Phibbs
Dan Oakley
Central Files

5

State of North Carolina

LACY H. THORNBURG
ATTORNEY GENERAL

Department of Justice
P.O. BOX 629
RALEIGH
27602-0629

July 5, 1991

Triple Plating, Inc.
NCD 982115370
Post Office Box 1075
Thomasville, North Carolina 27360

RE: Overdue Hazardous Waste Annual Fee
$ 25.00

Dear Sir/Madam:

I represent the Division of Solid Waste Management (hereinafter Division) of the North Carolina Department of Environment, Health, and Natural Resources. The Division has requested that my office initiate legal action to collect the above-referenced annual fee, which was assessed pursuant to North Carolina General Statute 130A-294.1.

By August 1, 1991, please remit the sum of $ 25.00 in a check made payable to the Division of Solid Waste Management addressed as follows:

Mr. R. J. Edwards, Administrative Officer
DEHNR, Division of Solid
Waste Management
Hazardous Waste Section
Post Office Box 27687
Raleigh, North Carolina 27611-7687

The facility ID <u>must</u> appear on the check.

If the outstanding amount of the annual fee is not paid by August 1, 1991, a lawsuit may be filed to collect the fee.

Please call me at 919/733-8352 if you have any questions.

Sincerely,

LACY H. THORNBURG
Attorney General

Judith Robb Bullock

Judith Robb Bullock
Associate Attorney General

An Equal Opportunity/Affirmative Action Employer

TRIPLE PLATING INCORPORATED

27 W. MAIN STREET ▪ THOMASVILLE, N.C. 27360 ▪ TELEPHONE (919) 475-0414

NCD 982115370

JULY, 17, 1991

NCD

Dear Sir/Madam;

Please be advised that Triple Plating Inc. has been closed since August 31,1990. The company is bankrupt, without the funds to declare it, as there are no assets remaining that are not claimed by the bank.
I am paying this fee myself to save futher complications.
Please find M.O. enclosed in the amount of $25.00.
If there is any further correspondence needed, please be advised that the P.O. Box in Thomasville is closed. You may however send it to my home address: Rt. 4, Box 471, Trinity, N.C. 27370.

Thank You,

Robert E. Gaddy
for Triple Plating Inc.

Enc: 1

RECEIVED

JUL 1 8 1991

HAZARDOUS WASTE SECTION

State Of North Carolina

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
P.O. BOX 27687 RALEIGH, NC 27611-7687

G4
7

RECEIVED
OCT 0 8 1991
RCRA FILE ROOM

August 1, 1991

TRIPLE PLATING, INC.
27 WEST MAIN STREET
THOMASVILLE NC 27360

RE: EPA ID No.: NCD982115370

Dear Sir:

Based on information supplied by you for the site identified with the above EPA ID number, the state has accepted and processed the change in RCRA listing or information that you requested.

Your EPA ID number is inactive.

Please verify the above computer information. Please notify us of any corrections.

We are advising EPA of the change. Please notify us if there is any further change in your operations which would affect your status. Your EPA ID number has been inactivated.

Sincerely,

R J Edwards

R.J. Edwards, Administrative Officer
Hazardous Waste Section

CC: STEPHEN E. PHIBBS
EPA Region IV
Davidson County Health Department

RECEIVED
OCT 0 8 1991
RCRA FILE ROOM

August 21, 1992

Mr. Steve Phibbs
North Carolina Department of Environment,
Health and Natural Resources
310 East Third Street Suite 200
Winston Salem, North Carolina 27101

Reference: Triple Plating
27 West Main Street
Thomasville, North Carolina

Dear Mr. Phibbs

Over the past seven weeks, YWC has provided environmental services to the firm of Tuggle Duggins & Meschan, representing Ms. Bertha Perry, for the removal, decontamination, treatment and disposal of regulated waste materials remaining from the plating operations of the former Triple Plating Company. Assumptions that Mr. Gaddy would contribute time and resources in this cleanup have failed, resulting in additional work by YWC and financial constraints on Ms. Perry. As a result of this, the amount of money due YWC and the uncertainty of payment if YWC proceeds, work activity has ceased until further notice. A meeting has been scheduled with Mr. Joseph McNulty of the law firm next Thursday at 1:30pm to hopefully resolve concerns on the financials and remaining work that needs to be completed.

In leu of this, I am obligated to inform you of several site conditions that may require the attention of the State of North Carolina, and possible emergency funding to secure and complete work activities at the site.

The waste water currently contained in the plating tanks is a hazardous waste due to the high levels of chrome. Levels of cyanide have not been tested, but reason would lead one to believe that cyanide and other regulated metal would also be in the waste water based on background information and testing.
This material requires further treatment for cyanide reduction and precipitation of metals. Otherwise, the water should be manifested to a licensed treatment facility for proper handling and disposal. Analytical testing is recommended to accurately profile the water. Processing on-site through the boiler may not be safe, and air emissions would be a concern.

Approvals for disposal of the debris in the roll-off containers has been completed by Chemical Waste Management. I expect contracts to be in-place by August 28, 1992. However, Mr. Joseph McNulty is pursuing an approval through Laidlaw Environmental via Pinewood, South Carolina in an effort to save approximately $5,000 in shipping costs.

Additional storage time may be required, and YWC is closing out our contract on the rental agreement and transferring it to the law firm at Joe's request.

Filter cake and tank bottom sludges currently stored in drums are a hazardous waste by definition. Also, acid transferred from a plating tank is contained in three poly drums as well. These drums are labeled, and currently stored inside the building. Due to financial constraints, Mr. McNulty is also looking at disposal through other licensed facilities. YWC extracted samples at his request for lab testing and qualification to other facilities. YWC will not be responsible for the analytical work, as Joe is to pick these samples up and have the testing done through the law firm as well. Again, additional storage time may be required on this material.

The drums outside of the building have not been addressed, and were not a part of our original work plan and project budget. Drums contain solid debris, metal fines, and rain water. As you know, one drum is clearly labeled Sodium Cyanide. I highly suspect these material to be laden with cyanide and heavy metals, and should be addressed. Flammable and combustible materials are stored in a wooden building adjacent to the main building, and were not a part of our original work plan or project budget as well.

There are miscellaneous chemicals throughout the building. Upstairs over the offices, there are containers of chemicals stored. In the caged area next to the filter press are various gas cylinders and assorted chemical products. YWC has not been authorized to seek disposal options on these items, and should be handled in a safe and proper method.

Results from our debris sampling indicate that heavy metals may be present in the buffing room. There is insufficient data to determine if the debris and floor dust contains regulated metals. YWC did not address this room due to financial limits in our project budget.

Wipe samples performed after gross decontamination of the plating line area show no residual cyanide on the walls or ceilings of this area. This data was submitted to you on August 20, 1992. The floor samples are elevated in part due to site activity while treating the waste water, and a final decon procedure needs to be done to remove remaining contaminants.

A random wipe of one of the empty plating tanks supposedly cleaned by Mr. Gaddy revealed cyanide levels above allowable limits. As stated in the memo August 20, all the tanks should be wipe tested, recleaned and retested prior to the sale of this equipment or scrap through DH Griffin. YWC has not prepared additional financial information for this work at the current time.

YWC is not privy to Ms. Perry's financial resources for funding this cleanup. I am concerned that special arrangements with the State may be required to adequately remove, treat and dispose of the remaining waste materials mentioned in this letter. At this time, no consideration has been given to the subsurface investigation of concrete and soils beneath the facility, and will be an issue should the building be torn down or should ownership of the property be transferred.

Should YWC recover the costs incurred to-date, and receive written confirmation of funding to complete the tasks at this site, work will resume. At this time, YWC can not engage additional resources to complete the work outlined in our original work plan and project budget. I recommend you stay in touch with Mr. Joseph McNulty, and take appropriate action on those items outlined above.

Thank you for all the time and effort spent in this project. If I can be of assistance to you, the State of North Carolina or Ms. Perry in the future, please do not hesitate to call on me.

Very truly yours,

Joseph F. Gunn

NCD 982115370

RECEIVED
JAN 28 1991
HAZARDOUS WASTE SECTION

4

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Triple Plating Inc.

Place visited Triple Plating Inc. (Small Quantity Gen.) **Date** Jan. 16 **1991**

Address 27 W. Main St. Thomasville, N.C. **Time spent** 4 hours

By whom Steve Thibbs (761-2390), David Smoot - Thomasville Fire Dept.

Persons contacted Mr. Robert Gaddy, owner of Triple Plating Inc.; (919) 431-1755
(Owner, agent, tenant, manager, other)

Reason for visit Complaint Investigation - Hazardous Chemicals stored stored at a closed facility in Thomasville, N.C.

Copies to:
Keith Masters, Western Area Supervisor, Spruce Pine, N.C.
Central Files, Raleigh, N.C.
David Smoot, City of Thomasville, Box 368, Thomasville, N.C.
Jill Hutchinson, City of Thomasville, Box 368, Thomasville, N.C. 27360
Bertha N. Perry

REPORT:

On January 16, 1991 I investigated the Triple Plating Inc. facility (NCD982115370) at 27 N. Main St. in Thomasville, N.C. in response to a call from Mr. David Smoot, Thomasville Fire Marshall. Mr. Smoot was concerned about the storage of electroplating chemicals in treatment tanks and smaller containers at a facility that has been closed since November 1, 1990. We met with Mr. Robert Gaddy, owner of Triple Plating Inc. to discuss this matter. Reportedly the property is owned by Ms. Bertha N. Perry of High Point, N.C.

Mr. Gaddy stated that Triple Plating Inc. has closed its manufacturing operation at this location. Several electroplating tanks remain on-site with material stored in each tank. The tanks contain chrome, brass and copper electroplating chemicals as well as acid and cyanide solutions. Samples were collected

DHS Form 1489 Rev. 5/80
Environmental Health

from six (6) of the plating tanks. The contents of each sample will be analyzed for hazardous waste parameters and constituents as well as cyanide concentrations and pH. This will enable us to properly classify these materials which have not been used since November 1, 1970.

Also on-site is a small wastewater pre-treatment system using a sludge filter press to generate a hazardous waste sludge currently classified as F006, listed hazardous waste. The sludges are currently stored in fiber boxes and on cardboard lined pallets without properly containerized or identified. Mr. Godby has been advised to transfer these sludges into D.O.T. approved containers, labeled and identified as hazardous wastes. A sample of this sludge was also collected and transported to the State laboratory for complete analysis.

I spoke to Keith and Judy Bullock concerning the status of this facility. We all agreed to send Triple Plating Inc. (Mr. Robert Godby) an imminent hazardous Notice of Violation. This N.O.V. will outline the RCRA violations as well as corrective action necessary to bring this facility into compliance with North Carolina Hazardous Waste Management Rules.

N. C. DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

RECEIVED
APR 08 1991
HAZARDOUS WASTE SECTION

7

REPORT OF INVESTIGATION OR INSPECTION OF Triple Plating, Inc.

Place visited Triple Plating, Inc. Date March 26, 19 91

Address 27 W. Main Street, Thomasville, NC Time spent One hour

By whom Steve Phibbs, Waste Management Specialist, N.C.D.E.H.N.R.

Persons contacted Robert Gaddy
(Owner, agent, tenant, manager, other)

Reason for visit Compliance Inspection

Copies to:
Keith Masters
Doug Holyfield
Judy Bullock
Cathy McDowell

REPORT:

On March 26, 1991, I conducted a site investigation at Triple Plating, Inc. located in Thomasville, NC. This investigation was in response to an imminent hazard Notice of Violation #91-068 issued to Mr. Robert Gaddy, owner of Triple Plating, Inc. The February 15, 1991, and March 15, 1991 deadlines have passed and have not been met. Triple Plating is not in compliance by not developing a comprehensive sampling and analysis report which would characterize all wastes and hazardous materials and the abandoned electroplating tanks and hazardous waste sludge (F006) remain on-site. Also, each container has not been properly labeled "Hazardous Waste."

The following work has been completed by Mr. Gaddy:

A) Tanks number #1 and #2 - cleaning tanks are currently being heated and water evaporated to reduce the volumes in these tanks

B) #3a - 500 gallons rinse tank containing 300 gallons of rinse water has been discharged to P.O.T.W. with the permission of the City of Thomasville

C) Tank #4 acid tank - 850 gallons are to be pumped over to rinse tank #3 or #5 for dilution

D) Tank #5 has been emptied into tank #4

E) Tank #6 rinse tank (250 gallons) - has been pumped over into cleaner tank #2

F) #7 drag-out tank - has been emptied into tanks #8 and #9

G) Brass tanks #8 and #9 - are being heated to evaporate as much water as possible before treatment or disposal

H) Brass solution tank # 8a - has been emptied into tank #8

I) Brass solution tank #9a - has been emptied into tank #9

J) Tanks #10 and #11 (1100 gallons total) - are to be mixed prior to treatment or disposal

K) #12 rinse tank has been emptied into tank #11

L) #13 nickel tank (1500 gallons) remains on-site

M) #14 nickel tank now contains all material from tanks #15, #16 and #17

N) Chrome tank #18 remains full (800 gallons)

O) #19 chrome drag-out tank is scheduled to be emptied into tank #18

P) Acid tank #20 (drag-out tank) - is scheduled to be treated on-site through pre-treatment wastewater system

Q) Tanks #21 and #20 (glucanate tank 5) - are scheduled to be treated in the wastewater system

R) #23 rinse tank (400 gallons) - has been transferred over to tank #24 and is going through evaporation to reduce the volume of water in the tank

S) Acid tank #25 and strip #26 are scheduled to be treated on-site in the facility wastewater treatment system

Currently there are nine (9) empty electroplating tanks at Triple Plating, Inc. Mr. Gaddy has plans to combine several more of the tanks and reduce the volumes of wastewater either through evaporation or through wastewater treatment. Also there are six (6) drums of hazardous waste sludge (F006) on-site. These drums have not been properly labeled but Mr. Gaddy has ordered "Hazardous Waste" labels. Mr. Gaddy stated that he would continue to work closely with the Hazardous Waste Management Section and the City of Thomasville to reduce and properly handle, store and treat all hazardous materials and hazardous wastes sludge on-site. Mr. Gaddy has requested an extension to the January 24, 1991, Notice of Violation in order to complete as much on-site treatment and storage as possible.

/clw

JUL 2 1991

N. C. DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

10

REPORT OF INVESTIGATION OR INSPECTION OF Triple Plating, Inc.

Place visited Triple Plating, Inc. Date June 24, 19 91

Address 27 W. Main Street, Thomasville, NC Time spent One Hour

By whom Steve Phibbs, N.C.D.E.H.N.R.

Persons contacted Bob Gaddy
(Owner, agent, tenant, manager, other)

Reason for visit Update To Site Remediation

Copies to:
Keith Masters, Western Supervisor, N.C.D.E.H.N.R.
Bob Gaddy
Judy Bullock
Dan Oakley

REPORT: On June 24, 1991, I visited the Triple Plating, Inc. facility in Thomasville, NC to check on progress of the site clean-up and wastewater treatment by Mr. Bob Gaddy. Mr. Gaddy has removed and steam cleaned approximately fifteen (15) process tanks with another 14-15 tanks remaining to be cleaned. Also the wastewater treatment tanks have been filled with water from the cleaning of the tanks and flooring around the south side of the electroplating line. Processing this wastewater will generate additional hazardous waste sludge (F006) for shipment off-site to a licensed treatment, storage and/or disposal facility.

The containers of nickel solution and chromium solution remain on-site awaiting a final determination on which company will accept these materials as process chemicals. At this point, these materials are useable product and not hazardous wastes but Mr. Gaddy has been urged to move these materials to an acceptable electroplating operation that can introduce these materials directly into their process without treatment and/or reprocessing. Two (2) containers of potassium cyanide remain on-site. It appears these materials may require disposal at a licensed treatment, storage and/or disposal facility due to the condition of the material.

We encourage and urge Mr. Gaddy to continue working diligently to treat the wastewater on-site and handle all hazardous wastes properly. Mr. Gaddy will also continue to clean the process tanks and the flooring around the electroplating line. A complete inspection will be conducted on July 12, 1991 at 9:30 a.m. to ensure that all work has been completed as specified in previous correspondence and all hazardous wastes has been transported off-site for proper disposal.

/clw

NCD 982 115 370 I

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DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
ENVIRONMENTAL HEALTH SECTION

REPORT OF INVESTIGATION OR INSPECTION OF ~~Triple Plating, Inc.~~

Place visited Triple Plating, Inc. **Date** July 15 **19** 91

Address 27 W. Main Street, Thomasville, NC **Time spent** 1 1/2 hours

By whom Steve Phibbs, N.C.D.E.H.N.R.

Persons contacted Bob Gaddy & Dan Oakley
(Owner, agent, tenant, manager, other)

Reason for visit Small generator compliance inspection - Closure of facility

Copies to:
Judy Bullock, Attorney, Hazardous Waste Section, Raleigh, NC
Doug Holyfield, Head, Waste Management Branch, Raleigh, NC
Keith Masters, Western Area Supvr., Rt. 1 Box 179, Bakersville, NC
Bob Gaddy, Triple Plating, Inc., Box 1075, Thomasville, NC 27361
Dan Oakley, Tuggle, Duggins & Meschan, P.A., 228 W. Market St. Greensboro, NC 27401

REPORT:

On July 15, 1991, a site closure inspection was conducted at Triple Plating, Inc. in Thomasville, N.C. in accordance with an established compliance date of July 12, 1991. I met with Mr. Bob Gaddy, Triple Plating, Inc., Dan Oakley, Attorney for Ms. Bertha Perry and Jill Hutchinson, Thomasville Wastewater Treatment Facility. During the inspection the following work had not been completed:

1. Twelve (12) electroplating process tanks remain that have not been steam cleaned and/or emptied of sludge or process chemicals. The residual materials (sludge and liquid) will be treated on-site through the pretreatment wastewater system and the tanks properly cleaned whenever Mr. Gaddy completes the removal of residue from the floor area surrounding these tanks. Also, the steam cleaning equipment must be brought back on-site to finish cleaning the tanks.

2. Two (2) drums of potassium cyanide remain on-site. It appears these materials will require disposal in a licensed treatment, storage and/or disposal facility.

3. The entire floor area must be cleaned to remove all residue and debris collected in and around the plating tanks. Steam cleaning of the floor will be necessary to successfully remove all residue.

4. Eight (8) drums of electroplating sludge (F006) remain on-site and should be transported off-site to a licensed treatment, storage and/or disposal facility as soon as waste profiling has been completed. Another 10-12 55-gallon drums of sludge are expected to be generated before the project is completed.

5. 3000 gallons of treated wastewater remain in the wastewater

treatment system. Mr. Gaddy is waiting approval from the city of Thomasville to discharge this treated wastewater to the City P.O.T.W. system. A sample of the treated wastewater was collected on July 16, 1991, by Ms. Jill Hutchinson, with the City of Thomasville, to be analyzed for approval to discharge to the P.O.T.W. Additional wastewater will be generated from the final stages of clean-up that will require treatment on-site prior to discharge.

6. The wooden platform that surrounded the process tanks has been dismantled as required. However, prior to disposal, representative sampling must be conducted to determine the proper waste classification to insure proper disposal.

Mr. Gaddy has successfully treated the chemicals in many of the process tanks eliminating or reducing the amount of wastes transported off-site for disposal. Also, thirty-four (34) drums of product (chrome solution and nickel solution) have been transported to Swain Metals in High Point, N.C. to be used as product in a similar electroplating process. Obviously much more work will be required to complete the entire clean-up process as required in the Notice of Violation. Mr. Gaddy believes that one additional month will be required to complete the entire project. Steam cleaning of the process tanks and cleaning the floor area remains as well as the proper disposal of all hazardous wastes generated during the clean-up and the proper disposal of treated wastewater. Mr. Gaddy will continue to work closely with the City of Thomasville on meeting the proper wastewater discharge limits as well as continuing the clean-up as directed in the Notice of Violation. Additional assistance may be needed to finalize the project in a quicker time frame.

I

5

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

James G. Martin, Governor
William W. Cobey, Jr., Secretary

William L. Meyer
Director

January 24, 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

NOTICE OF VIOLATION
Docket #91-068

Mr. Robert Gaddy
Triple Plating, Incorporated
Box 1075
Thomasville, NC 27360

Ms. Bertha N. Perry
Ms. Cathy McDowell
1601 Heathgate Court
High Point, NC 27262

NCD 982 115 370

Re: Abandoned chemical storage tanks and filter press sludge at the closed Triple Plating, Incorporated facility, 27 W. Main Street, Thomasville, NC.

Dear Mr. Gaddy:

On December 18, 1980, the State of North Carolina, Hazardous Waste Section (State) was authorized to operate the State RCRA hazardous waste program under the Solid Waste Management Act, (Act) N.C.G.S. 130A, Article 9 and rules promulgated thereto at 15A NCAC 13A (rules) in lieu of the federal RCRA program.

On January 16, 1991, Mr. Steve Phibbs, Waste Management Specialist with the Section investigated the storage and disposal of solid waste at the closed Triple Plating, Incorporated facility in Thomasville, North Carolina. Mr. Phibbs observed approximately twenty eight (28) electroplating process tanks, ten (10) 55 gallon drums and about five (5) drums of hazardous waste filter cake sludge (F006) stored inside the facility. The process tanks contain liquids with concentrations of chromium, acid, copper and nickel as well as cyanide solutions. The filter cake sludge was stored in cardboard boxes or laying on top of a pallet covered with cardboard.

A. 40 CFR 261.1(a), codified at 15A NCAC 13A .0006, states that this part identifies those solid wastes which are subject to regulation as hazardous wastes under Parts 262 through 265 and

Parts 268, 270, 271, and 124 of this Chapter and which are subject to the notification requirements of Section 3010 of RCRA.

B. 40 CFR 261.2(b), codified at 15A NCAC 13A .0006, states that materials are solid waste if they are abandoned by being [1] disposed of; or [2] burned or incinerated; or [3] accumulated, stored, or treated (but not recycled) before or in lieu of being abandoned by being disposed of, burned, or incinerated.

C. 40 CFR 261.3(a), codified at 15A NCAC 13A .0006, states that a solid waste, as defined in Section 261.2 is a hazardous waste if:

1. It is not excluded from regulation as a hazardous waste under Section 261.4(b); and

2. It meets any of the following criteria:

i. It exhibits the characteristics of hazardous waste identified in Subpart C.

ii. It is listed in Subpart D and has not been excluded from the lists in Subpart D under Sections 260.20, and 260.22 of this chapter.

iii. It is a mixture of solid waste and hazardous waste that is listed in Subpart D solely because it exhibits one or more of the characteristics of hazardous waste identified in Subpart C, unless the resultant mixture no longer exhibits any characteristic of hazardous waste identified in Subpart C.

iv. It is a mixture of solid waste and one or more hazardous wastes listed in Subpart D and has not been excluded from this paragraph under Sections 260.20 and 260.22 of this chapter.

D. 40 CFR 261.7(a)(2), codified at 15A NCAC 13A .0006, states that any hazardous waste in either (i) a container that is not empty or (ii) an inner liner removed from a container that is not empty is subject to regulation under Parts 261 through 265, and Parts 270 and 124 of this chapter and to the notification requirements of Section 3010 of RCRA.

E. It is the determination of the Section that the storage of various acids and electroplating chemicals and sludges at the Triple Plating, Incorporated site, Thomasville, NC, constitutes storage of a hazardous waste subject to all applicable requirements of 40 CFR 262 through 265 and 270, specifically:

1. 40 CFR 262.11, codified at 15A NCAC 13A .0007, states that

a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste using the following method:

a. He should first determine if the waste is excluded from regulation under 40 CFR 261.4 and 261.5.

b. He must then determine if the waste is listed as a hazardous waste in Subpart D of 40 CFR Part 261.

c. If the waste is not listed as a hazardous waste in Subpart D of 40 CFR Part 261, he must determine whether the waste is identified in Subpart C of 40 CFR Part 261 by either:

   i. Testing the waste according to the methods set forth in Subpart C of 40 CFR Part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or

   ii. Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used.

Triple Plating, Incorporated is in violation of 40 CFR 262.11, codified at 15A NCAC 13A .0007, in that it generated a solid waste, as defined in 40 CFR 261.2, and did not determine if that waste is a hazardous waste.

2. 15A NCAC 13A .0009(a), states that any person who treats, stores, or disposes of hazardous waste shall do so in compliance with the standards set forth in this rule, and only after having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or having received interim status according to 15A NCAC 13A .0013(b)(3).

Triple Plating, Incorporated is in violation of 15A NCAC 13A .0009(a), in that it has stored hazardous waste without having received a permit from the Department as required by 15A NCAC 13A .0013(b)(1), or without having received interim status according to 15A NCAC 13A .0013(b)(3).

3. 40 CFR 262.30, codified at 15A NCAC 13A .0007, states that before offering hazardous waste for transportation off-site, a generator must package the waste in accordance with the applicable Department of Transportation regulations or packaging under 49 CFR Parts 173, 178 and 179.

Triple Plating, Incorporated is in violation of 40 CFR 262.30, codified at 15A NCAC 13A .0007, in that hazardous waste electroplating sludge (F006) was not being packaged in accordance with the applicable Department of Transportation regulations under 40 CFR Parts 173, 178 and 179.

4. 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, states that a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status provided that the date upon which each of accumulation begins is clearly marked and visible for inspection on each container.

Triple Plating, Incorporated is in violation of 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, in that the beginning accumulation start dates were not marked or visible for inspection on each container.

5. 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, states that while being accumulated on-site, each container or tank is labeled or marked clearly with the words "Hazardous Waste".

Triple Plating, Incorporated, is in violation of 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, in that the containers of hazardous waste were not labeled or marked clearly with the words "Hazardous Waste".

COMPLIANCE SCHEDULE

By the dates specified below, Triple Plating, Incorporated shall comply with the following requirements:

1. Comply with 40 CFR 262.11, codified at 15A NCAC 13A .0007, by conducting an immediate determination and/or analysis of all wastes in containers, electroplating process tanks and in the sludge containers which will be necessary to ensure proper characterization and disposition.

   By February 15, 1991, develop and submit to this office a comprehensive sampling and analysis report which will characterize all wastes and hazardous materials currently being stored on-site. This includes all materials in the electroplating tanks, containers and sludge wastes materials.

2. Comply with 15A NCAC 13A .0009, by no longer storing hazardous waste on-site and all hazardous wastes previously stored on-site shall be shipped to a permitted hazardous waste treatment, storage and/or disposal facility by March 15, 1991.

3. Comply with 40 CFR 262.30, codified at 15A NCAC 13A .0007, by immediately packaging all containers of hazardous waste in accordance with the applicable Department of Transportation regulations under 49 CFR.

4. Comply with 40 CFR 262.34(a)(2), codified at 15A NCAC 13A .0007, by clearly marking each container of hazardous waste with the accumulation start date and ensuring that these dates are visible for inspection.

5. Comply with 40 CFR 262.34(a)(3), codified at 15A NCAC 13A .0007, by labeling or marking each container or tank clearly with the words "Hazardous Waste".

If the requirements above are not met, enforcement action including injunctive relief may be obtained for continued violations of the hazardous waste law or regulations.

If you have any questions concerning this matter, you may contact Keith Masters at (704) 688-4237.

Sincerely,

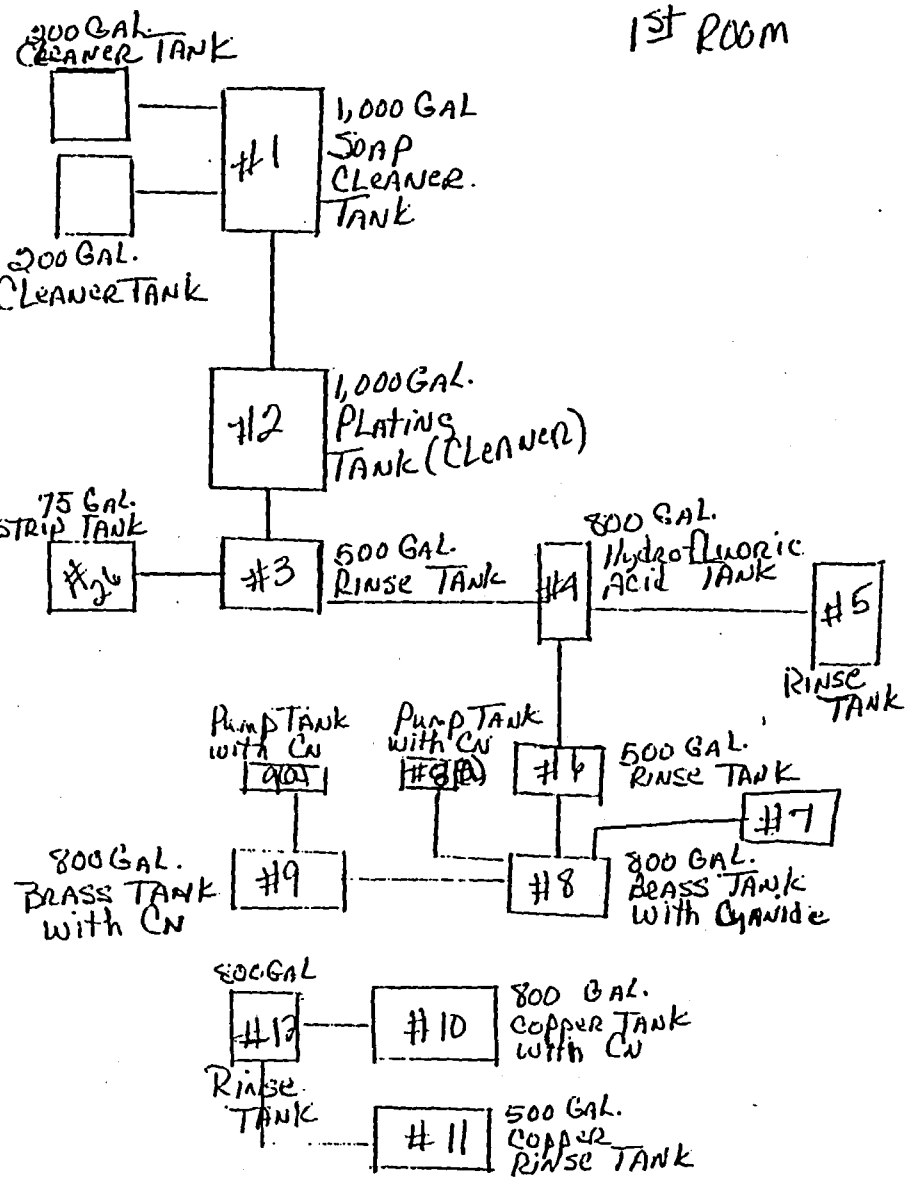
Jerome H. Rhodes, Chief
Hazardous Waste Section

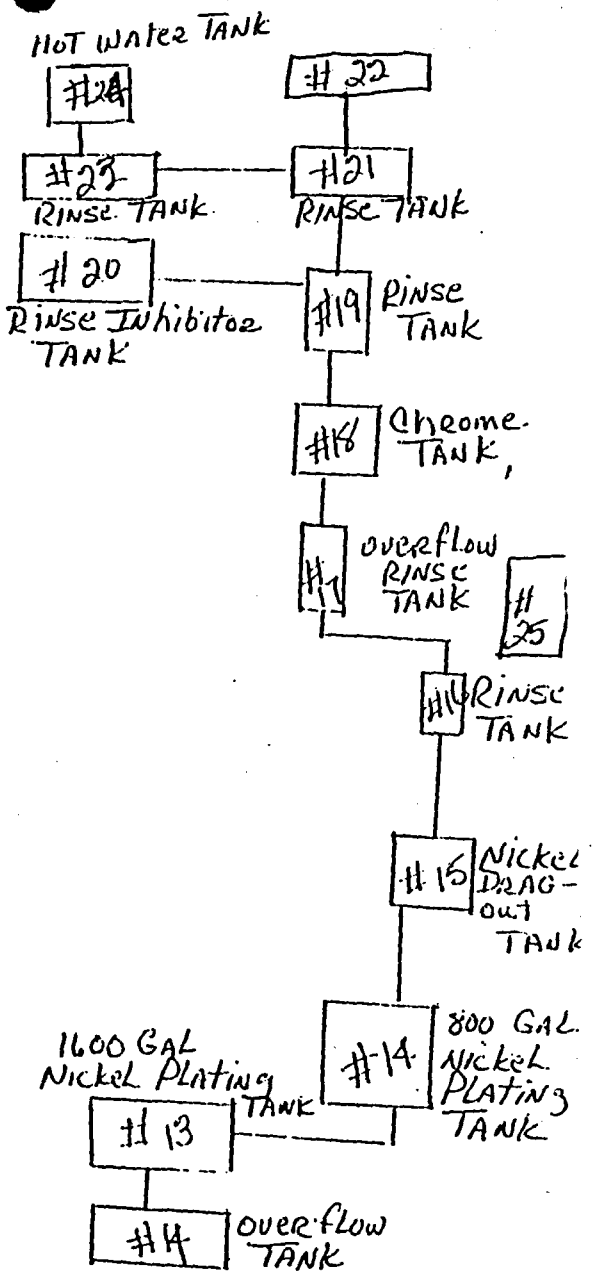
JHR/dd/KM184

cc: Keith Masters
Central Files
Steve Phibbs
Steve Reid
Margaret Foster

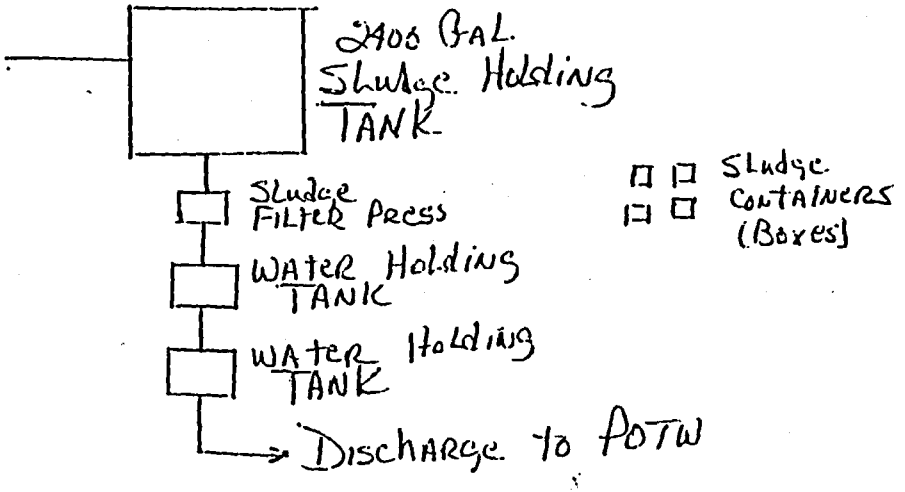
Triple Plating Inc.
Thomasville, N.C.

1st Room





2nd Room



Empty tanks as of 3/26/91

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH
P.O. BOX 2091 RALEIGH, NORTH CAROLINA 27602-2091
306 N.WILMINGTON STREET

DOCKET #

INSPECTION AND EVALUATION REPORT

EPA ID:# NCD982115370 FACILITY NAME: Triple Plating

ADDRESS: 27 West Main St. CITY: Thomasville

NEW: ✓ UPDATE: ____ DATE OF INITIAL EVALUATION: 9 28 88 STAFF ID: 21

RESPONSIBLE AGENCY: ____ S = STATE E = EPA X = OVERSITE O = OTHER

TYPE OF EVALUATION COVERED BY THIS REPORT: ENTER ONE: 1

1= COMPLIANCE EVAL. INSP.(CEI)
2= SAMPLING INSPECTION
3= RECORD REVIEW
4= COMP.GWM EVAL.(CME)
5= COMPLIANCE SCHED. (FOLLOW UP)
6= CITIZEN COMPLAINT
7= PART B CALL-IN
8= WITHWRAWAL CAND.
9= CLOSED FACILITY
10= GENERAL
11= CASE DEVELOPMENT
12= O & M INSPECTION
80= INFORMAL MEETING

DATE OF EVALUATION COVERED BY THIS REPORT: ____ ____ ____

CLASS OF VIOLATION — VIOLATIONS/RELEASES

CLASS	GWM/RLSE	C/CP	FIN	PT.B	CMPL.SCH	MANIFEST	OT	LAND BAN
I						0	0	
II						0	0	
ACCEPTABLE CODES	X S Z O R* B*	X S Z O	X S Z O I*B*	X S Z O	X S Z O C B	X S Z O	X S Z O	X S Z O

KEY: X = VIOLATIONS O = NO VIOLATION Z = PENDING
B = VIOL. & SPECIALTY; S = SAME VIOL./SPEC.

SPECIALTIES: I = NO insurance only; C = CA SCHED. VIOL.
R = 3008(h)-like release; * = CLASS I only

ENFORCEMENT ACTIONS:(AREA OF VIOL./RLSE.=GW, CP, FR, PB, CS, MA, OT, LB, or AA

CLASS	AREA OF VIOL.	TYPE CODE	DATE ACTION TAKEN	COMPLIANCE DATES SCHED.	ACTUAL	PENALTY ASSES.	COLL.	RESP AG.

CODES FOR TYPES OF ENFORCEMENT ACTIONS:

03 =WARNING LETTER/NOV
04 =ADMIN. COMPLAINT
05 =FINAL ADMIN. ORDER
10 =INFORMAL
11 = FILED CIVIL ACTION
12 = FILED CRIMIMAL ACTION
13 = CIVIL REFERRAL TO AG
90 = HEARING

COMMENTS; ____

North Carolina Department of Human Resources
Division of Health Services

COUNTY OF DAVIDSON EPA I.D.# NCD982115370

SMALL HAZARDOUS WASTE GENERATOR SURVEY

1. GENERAL INFORMATION:

Name of Facility: TRIPLE PLATING INC.

Facility Contact: BOB GADDY Phone: 472-7733

Facility Location:

Street: 27 WEST MAIN ST.

City: THOMASVILLE NC Zip Code: 27360

2. NATURE OF BUSINESS: (Provide Brief Description)

ELECTROPLATING OF METAL FURNITURE

3. NATURE OF HAZARDOUS WASTES: (Provide Brief Explanation)

ELECTROPLATING SLUDGES - F006

WASTE SOLIDS FROM LACQUER SPRY BOOTH & CLEANUP RAGS (D001)

4. DESCRIPTION OF HAZARDOUS WASTE:

A	B	C	D	E	F*	G*	H
Hazardous Waste #	Annual Quantity	Unit Meas.	Storage	Treat-ment	Transpor-tation	Disposal	Manifest Available (Yes or No)
F006	—	—	—	—	—	—	NO
D001	—	—	—	—	—	—	

*Provide name, address and I.D. # of transporter and disposal site in comments.

5. COMMENTS:

NO WASTE HAS BEEN MANIFESTED OR GENERATED FROM OPERATIONS AT THIS POINT IN TIME. A FILTER PRESS IS TO BE INSTALL WITHIN A FEW WEEKS AT WHICH TIME THE SLUDGES WILL BE COLLECTED.

6. DATE OF SURVEY: 9/28/88

By: Scott Reeling Department: HAZARDOUS WASTE

ACCORDING TO MR. GADDY NONE OF THE WASTE TREATMENT TANKS HAVE BEEN CLEANED

* SPRAY BOOTH FILTERS, RESIDUE AND RAGS HAVE BEEN DISPOSED IN THE COUNTY LANDFILL IN YEARS PAST.

(Instructions on Reverse)

will follow up

DHS Form 3061 (3/82)
Solid & Hazardous Waste Management Branch

.PRH

2

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH
P. O. BOX 2091 RALEIGH, NORTH CAROLINA 27602-2091

306 N. WILMINGTON STREET

INSPECTION REPORT

EPA ID.# 98211 5370 Pending FACILITY NAME: Triple Plating

ADDRESS: 27 W. Main St. CITY: Thomasville, N.C.

DATE OF INITIAL INSPECTION: 6 16 87 STAFF ID#: 08 DOCKET#: _____

RESPONSIBLE AGENCY: S = STATE E = EPA X = OVERSIGHT
B = STATE CONTRACTOR C = EPA CONTRACTOR

TYPE OF EVALUATION: 10

1=CEI
2=SAMPLING
3=RECORD REVIEW
4=CME
5=FOLLOW UP
6=CITIZEN COMPLAINT
7=PART B
8=WITHDRAWAL CANDIDATE
9=CLOSED FACILITY
10=GENERAL (LOIS FOR EPA
11=CASE DEVELOPMENT
12=LAND BAN EVALUATION ONLY
80=INFORMAL MEETING

DATE OF INSPECTION _____ _____ _____

AREA OF EVALUATION

CLASS	GW/RLSE	C/CP	FIN:	PART B:	CMPL. SCH:	MA:	OT	LDR
I							0	
II							0	

ENTERED
OCT 23 1987

ENTER O, X, Z or R IN THE CLASS I ROW.
MAKE ENTRY IN CLASS II ROW ONLY IF CLASS II VIOLATIONS EXIST.

ENFORCEMENT ACTIONS:

CLASS	VIOLATION	TYPE CODE	DATE ACTION TAKEN	COMPL. SCHED.	DATE	PENALTY ASSES./COLL.	RESPONSIBLE AGENCY	ID

02=3007 INFO REQUEST
03=NOV WARNING LETTER
04=ADMIN. COMPLAINT
05=FINAL ADMIN. ORDER
10=INFORMAL
18=CIVIL REFERREL TO AG/DOJ
90=HEARING

STATUS OF HANDLER: IN COMPLIANCE WITH SCHEDULE IN ORDER: _____ YES: _____ NO: ____

DATE STATUS EVALUATED: _____ _____ _____

COMMENTS: Technical Assistance - Will be evaluated further pending issuance of Id # + classification of waste stream

North Carolina Department of Human Resources
Division of Health Services

COUNTY OF Davidson EPA I.D.# None

RECEIVED JUN 25 1987 SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

SMALL HAZARDOUS WASTE GENERATOR SURVEY

1. GENERAL INFORMATION:

Name of Facility: Triple Plating Inc

Facility Contact: Bob Gadby Phone: 472-7733

Facility Location: E. Main St.

Street: Bame

City: Thomasville, N.C. Zip Code:

2. NATURE OF BUSINESS: (Provide Brief Description)

Electroplating of Metal Furniture

3. NATURE OF HAZARDOUS WASTES: (Provide Brief Explanation)

Electroplating Sludge - F006

Waste Lacquer Thinner - D001

4. DESCRIPTION OF HAZARDOUS WASTE:

A	B	C	D	E	F*	G*	H
Hazardous Waste #	Annual Quantity	Unit Meas.	Storage	Treat-ment	Transpor-tation	Disposal	Manifest Available (Yes or No)
F006, D001	10-12		S01	—	TS2C	Landfill	NO
	55 gallon drums						

*Provide name, address and I.D. # of transporter and disposal site in comments.

5. COMMENTS:

Triple Plating is currently applying for an E.P.A. ID number. Should be considered a small quantity generator, but may change to large generator depending on cleaning schedule and sludge removal.

6. DATE OF SURVEY:

By: Steve Phillips Department: Hazardous Waste

6/19/87

(Instructions on Reverse)

DHS Form 3061 (3/82)
Solid & Hazardous Waste Management Branch

INSTRUCTIONS

SMALL HAZARDOUS WASTE GENERATOR SURVEY

1. GENERAL INFORMATION: Self explanatory.

2. NATURE OF BUSINESS: Provide brief description.

   Example #1 - Small appliance manufacturing
   Example #2 - Finished furniture manufacturing

3. NATURE OF HAZARDOUS WASTES: Provide brief explanation.

   Example #1 - Electroplating sludge - contains chromium and zinc
   Example #2 - Liquid solvent - contains toluene and MEK

4. DESCRIPTION OF HAZARDOUS WASTE:

   A - EPA Hazardous Waste Number (see lists)

   B - Estimated annual quantity

   C - Unit of Measure: For each quantity entered in Column B, enter the unit of measure code:

Gallons	- G	Pounds	- P
Liters	- L	Tons	- T
Cubic Yards	- Y	Kilograms	- K

   D - Storage

Container (barrel, drum, etc.)	- S01
Tank	- S02
Waste Pile	- S03
Surface Impoundment	- S04
*Other (explain in comments)	- S05

   E - Treatment

Tank	- T01
Surface Impoundment	- T02
Incinerator	- T03
*Other (explain in comments)	- T04

   F - Transportation

Transported by company - bulk	- TS1B
Transported by contractor - bulk	- TS2B
Transported by company - containers	- TS1C
Transported by contractor - containers	- TS2C

   G - Disposal

Injection Well	- D79
Landfill	- D80
Land Application	- D81
Wastewater Treatment Plant	- D82
Surface Impoundment	- D83

Retention: 10 years from date of survey

RDH

1

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES

SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

P.O. BOX 2091 RALEIGH, NORTH CAROLINA 27602-2091

306 N. WILMINGTON ST.

RECEIVED JAN 28 1987 SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

INSPECTION REPORT

EPA ID.# : 98211 5370 none FACILITY NAME : Triple Plating Inc.

ADDRESS: 27 W. Main St. CITY: Thomasville

DATE OF INITIAL INSPECTION: 1 12 87 STAFF ID #: 03 DOCKET #: _____

RESPONSIBLE AGENCY: (S) = STATE: E = EPA: X = OVERSIGHT:
B = STATE CONTRACTOR: E = EPA CONTRACTOR:

TYPE OF EVALUATION: 2

1=CEI
2=SAMPLING
3=RECORD REVIEW
4=CME
5=FOLLOW UP
6=CITIZEN COMPLAINT
7=PART B.
8=WITHDRAWAL CANDIDATE
9=CLOSED FACILITY
10=GENERAL (LOIS FOR EPA)
11=CASE DEVELOPMENT
12=CORRECTIVE ACTION
80=INFORMAL MEETIMG

DATE OF INSPECTION: 1 12 87

AREA OF EVALUATION:

CLASS	GW:	C/CP	FIN:	PART B:	CMPL.SCH:	MA:	OT:	CA:
I							0	
II							0	

RECEIVED OCT 28 1987 DATA PROCESSING

ENTER 0, X, or Z IN THE CLASS I ROW.
MAKE ENTRY IN CLASS II ROW ONLY IF CLASS II VIOLATIONS EXIST.

ENFORCEMENT ACTIONS:

CLASS	VIOLATION	CODE	DATE ACTION TAKEN	COMPLIANCES DATE SCHED.	COMPLIANCES DATE ACTUAL	PENALTY ASSESSED	PENALTY COLLECTED	RESPONSIBLE AGENCY	RESPONSIBLE ID

02=3007 INFO REQUEST
03=NOV WARNING LETTER
04=ADMIN. COMPLAINT
05=FINAL ADMIN. ORDER
10=INFORMAL

STATUS OF HANDLER: IN COMPLIANCE WITH SCHEDULE IN ORDER:_____ YES:_____ NO:

DATE STATUS EVALUATED:_____ _____ _____

COMMENTS: collect 1 sample for FBI investigation

RCRA INSPECTION REPORT

1. Facility Information:

   Triple Plating
   27 W. Main Street
   Thomasville, N.C. (472-7733)
   No ID Number

2. Facility Contact:

   Bob Gaddy

3. Survey Participants:

   Bob Gaddy,owner - Triple Plating
   Steve Phibbs, Waste Management Specialist, D.H.S.

4. Date of Inspection:

   June 16, 1987

5. Applicable Regulations:

   40 CFR 261.5

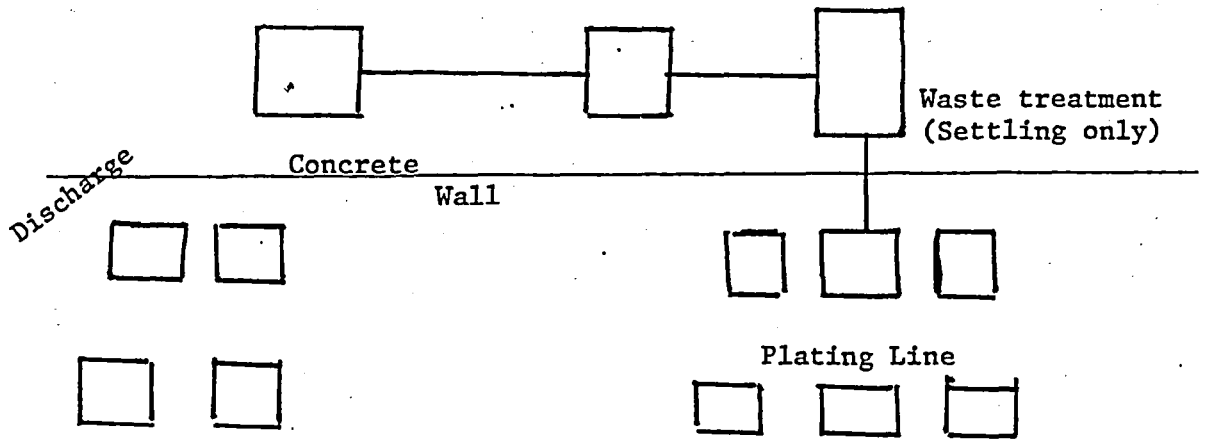
6. Scope of Survey:

   The scope of the survey covered record review and site survey. The site survey consisted of inspection of the electroplating line and wastewater treatment system.

7. Facility Description:

   Triple Plating is an electroplating facility plating primarily nickel and brass. The plating line consists of two nickel tanks, two brass tanks, one copper tank and one trichrome tank. The hazardous waste generated at this plant consists of electroplating sludge (F006) and small amounts of waste lacquer thinner (D001). The sludges are removed from the treatment tanks about every two-three years generating approximately 50 - 55 gallon drums. (No drums of hazardous waste in storage during the inspection.)

An addition to the wastewater treatment system may be required by the City of Thomasville. This would probably consist of a filter press to further remove metal hydroxides from the wastewater.



8. Site Deficiencies:

   None

9. Compliance Schedule/Recommendations:

   a) Recommended placing secondary containment around waste treatment tanks.

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

2

October 22, 1987

Triple Plating, Inc.
PO Box 1075
Thomasville, NC 27361

RE: EPA ID No. NCD982115370

Dear Sir:

Listed above is your EPA ID number which has been assigned by the EPA. As a small generator, you should be familiar with 10 NCAC 10F N.C. Hazardous Waste Management Rules .0002 Definitions; and .0029 Identification and Listing of Hazardous Waste - Part 261 and .0030 Standards for Hazardous Waste Generators - Part 262.

Enclosed is a copy of A Handbook for Small Businesses which is intended to avoid the need for you to obtain, read, and understand the actual regulatory requirements for small quantity generators. However, if you wish to obtain a copy of the actual regulations, you may do so by contacting the Solid and Hazardous Waste Management Branch, Division of Health Services, P.O. Box 2091, Raleigh, North Carolina 27602. To cover the cost of printing, a fee of $5.00 is charged for a copy of the regulations.

NCSU provides a training program for small generators which you may want to attend. The Department has a contract with NCSU to conduct training for small generators. Call Linda Watkins at (919) 737-3002 for a flyer describing the workshops in your area.

The Solid and Hazardous Waste Management Branch contains a Technical Assistance Unit which is available to answer questions. The Unit can be reached by contacting the Branch Office at (919) 733-2178.

Sincerely,

Carve Walker
for

William Paige, Environmental Engineer
Supervisor for Technical Assistance
Solid & Hazardous Waste Management Branch
Environmental Health Section

cc: STEPHEN E. PHIBBS

Attachment

Please print or type with ELITE type (12 characters/inch) in the unshaded areas only

Approved. OMB No. 2050-0028. Expires 9-30-88.
GSA No. 0246-EPA-OT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

For Official Use Only

Comments

Installation's EPA ID Number	Approved	Date Received (yr. mo. day)	
F NCD 98-211-5370 T/A C 1			057 Davidson 29-08

I. Name of Installation

TRIPLE PLATING INC.

II. Installation Mailing Address

Street or P.O. Box: P.O. BOX 1075

City or Town: THOMASVILLE | State: N.C. | ZIP Code: 27361

III. Location of Installation

Street or Route Number: 27 W. MAIN ST.

City or Town: THOMASVILLE | State: N.C. | ZIP Code: 27360

IV. Installation Contact

Name and Title *(last, first, and job title)*: ROBERT E. GADDY

Phone Number *(area code and number)*: 919 472 7733

V. Ownership

A. Name of Installation's Legal Owner: ~~ROBERT E. & CECELIA GADDY~~ ROBERT RANDY E. GADDY

B. Type of Ownership *(enter code)*: P

VI. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to instructions.)*

A. Hazardous Waste Activity

- [X] 1a. Generator
- [X] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer *(or On site Burner)* Who First Claims the Oil Meets the Specification

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VII. Waste Fuel Burning: Type of Combustion Device *(enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)*

[ ] A. Utility Boiler [ ] B. Industrial Boiler [ ] C. Industrial Furnace

VIII. Mode of Transportation *(transporters only — enter 'X' in the appropriate box(es)*

[ ] A. Air [ ] B. Rail [ ] C. Highway [ ] D. Water [ ] E. Other *(specify)*

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

[X] A. First Notification [ ] B. Subsequent Notification *(complete item C)*

C. Installation's EPA ID Number

D — For Official Use Only														
C													T/A	C
W														1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste *from nonspecific sources your installation handles. Use additional sheets if necessary.*

1	2	3	4	5	6
F006					
7	**8**	**9**	**10**	**11**	**12**

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	**20**	**21**	**22**	**23**	**24**
25	**26**	**27**	**28**	**29**	**30**

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	**38**	**39**	**40**	**41**	**42**
43	**44**	**45**	**46**	**47**	**48**

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40* CFR *Parts 261.21 — 261.24)*

☐ 1. Ignitable *(D001)* ☐ 2. Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4. Toxic *(D000)*

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title *(type or print)*	Date Signed
Robert E. Gaddy	ROBERT E. GADDY (PRES.)	9-25-87

HAZARDOUS WASTE MANAGEMENT DIVISION
OCT 20 1987