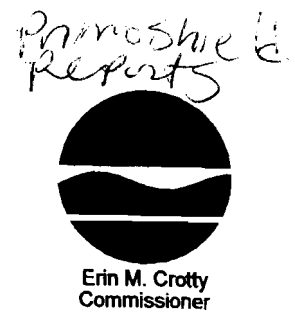


New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 6
207 Genesee Street, Utica, New York 13501-2885
Phone: (315) 793-2554 • FAX: (315) 793-2748
Website: www.dec.state.ny.us



June 10, 2003

Oneida County Department of Water
Quality & Water Pollution Control
51 Leland Avenue
P.O. Box 442
Utica, New York 13503-0442

Attention: Mr. Dan Hoffman, Industrial Wastes Chemist

RE: Groundwater Permit No. GW-040
Semi-Annual Report: November 30, 2002 to May 31, 2003
Primoshield Plating, Inc., Site #6-33-027
Oneida County Sewer District

Dear Mr. Hoffman:

Enclosed please find the Semi-Annual Report, due May 31, 2003, for the above Groundwater Permit from Primoshield Plating, Site #633027, City of Utica. The report contains the Oneida County Sewer District Reporting Form and the Oneida County District Industrial Use Report Certifications.

Please note that all analytical values on the reporting form are expressed in mg/liter and the raw analytical data is expressed in micrograms/liter.

All analysis was performed by Severn Trent Laboratories, Buffalo, New York. All analyses for this permit are analyses specified in 40 CFR 136.

Per standard practice, only values above detection limits are summed for Total VOC's by EPA Method 624. No parameter analyzed was near any toxic hazardous waste level. U abbreviates non-detectable.

If you have any questions, I can be reached at (315) 793-2554.

Sincerely,

Jack Marsch
Jack Marsch, P.E.
Environmental Engineer 2
Region 6 - Utica

cc: Darrell Sweredoski
Sue Lasdin

ONEIDA COUNTY SEWER DISTRICT REPORTING FORM

Submit To:
 ATTN: PRETREATMENT
 ONEIDA COUNTY SEWER DISTRICT
 PO BOX 442
 UTICA NY 13503

From
 JACK MARSCH
 NYSDEC REGION 6
 207 GENESEE STREET
 UTICA NY 13501

Site
 PRIMOSHIELD SITE
 1212 ST. VINCENT STREET
 UTICA NY 13501

REPORTING PERIOD: NOVEMBER 30, 2002 to MAY 31, 2003

SAMPLING RESULTS:

For Semi-Annual Reporting, a grab sample of the Primoshield Site discharge to the sanitary sewer is analyzed for the pollutants listed. Attach signed Report Certification.

In response to any violations incurred, self-monitor for pollutant in violation at least once a week until there are results for three consecutive sampling events which are in full compliance with Permit Limits. Submit all results for all samples taken. The first resampling result is due within thirty (30) days; a complete report with all three resampling results is due within sixty (60) days. Attach signed Report Certification.

ATTACH COPIES OF ALL CONTRACT LABORATORY REPORTS AND MANIFESTS OF HAZARDOUS WASTE SHIPMENTS FOR THE REPORTING PERIOD.

POLLUTANT PARAMETER	DAILY MAXIMUM LIMIT	ANALYSIS SAMPLE #1 <i>EFFLUENT</i>	ANALYSIS SAMPLE #2	ANALYSIS SAMPLE #3
Date Sampled		<i>4/28/03</i>		
Sample Number		<i>916601</i>		
Discharge Flow (Note 1)		<i>*</i>		
pH	5.0-12.5	<i>7.19</i>		
Cadmium, mg/L	1.0	<i>0.00030 U</i>		
Chromium, mg/L	5.0	<i>0.0012 B</i>		
Copper, mg/L	3.0	<i>0.0031 B</i>		
Lead, mg/L	5.0	<i>0.0025 U</i>		
Nickel, mg/L	2.0	<i>0.113</i>		
Zinc, mg/L	4.0	<i>0.0022 B</i>		
Cyanide, mg/L	3.0	<i>0.010 U</i>		
Total VOCs (Note 2)	2.0	<i>0.057</i>		

1) Attach monthly flow totalizer data.

** METER READING 4/28/03 2,885,445*

2) Total VOCs using EPA Method 624.

Signature: *Jack Marsch* Date: *6/10/03*

ONEIDA COUNTY SEWER DISTRICT
INDUSTRIAL USER REPORT CERTIFICATION

Submit To:
ATTN: PRETREATMENT
ONEIDA COUNTY SEWER DISTRICT
PO BOX 442
UTICA NY 13503

From
JACK MARSCH
NYSDEC REGION 6
207 GENESEE STREET
UTICA NY 13501

Site
PRIMOSHIELD SITE
1212 ST.VINCENT STREET
UTICA NY 13501

ATTACH TO REPORT DATED: JUNE 10, 2003

REPORTING PERIOD: NOVEMBER 30, 2002 to MAY 31, 2003

The following certification of information provided in industrial user reports is made in compliance with the General Pretreatment Regulations.

1. Compliance or Non-Compliance Status: Ref = 40 CFR 403.12(b)(6)

Check A or B. If B is checked, attach a statement describing O&M and/or pretreatment required; include the shortest schedule by which you can provide the required O&M and/or pretreatment.

A. I certify that Pretreatment Standards are being met on a consistent basis.

B. I certify that Pretreatment Standards are NOT being met on a consistent basis, and that additional operation and maintenance (O&M) and/or additional pretreatment is required to achieve compliance with Pretreatment Standards and Requirements.

2. Information Certification: Ref = 40 CFR 403.6(a)(2)(ii)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature: _____

Jack Marsch

Title: _____

EE 2

Date: _____

6/10/03

PLEASE ATTACH THIS CERTIFICATION TO THE SEMI-ANNUAL & OTHER REPORTS THAT YOU SUBMIT TO THE ONEIDA COUNTY SEWER DISTRICT.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASP00 VOLATILES - W
 ANALYSIS DATA SHEET

Client No.

916601

Lab Name: SIL BuffaloContract: C004154Lab Code: RECNY Case No.: SH603 SAS No.: _____ SDG No.: 0428AMatrix: (soil/water) WATERLab Sample ID: A3399501Sample wt/vol: 5.00 (g/mL) MLLab File ID: F8909.RRLevel: (low/med) LOWDate Samp/Recv: 04/28/2003 04/29/2003% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 05/01/2003GC Column: DB-624 ID: 0.25 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
---------	----------	-----------------	------	---

74-87-3-----	Chloromethane		10	U
74-83-9-----	Bromomethane		10	U
75-01-4-----	Vinyl chloride		10	U
75-00-3-----	Chloroethane		10	U
75-09-2-----	Methylene chloride		10	U
67-64-1-----	Acetone		10	U
75-15-0-----	Carbon disulfide		10	U
75-35-4-----	1,1-Dichloroethene		10	U
75-34-3-----	1,1-Dichloroethane		10	U
67-66-3-----	Chloroform		10	U
107-06-2-----	1,2-Dichloroethane		10	U
78-93-3-----	2-Butanone		10	U
71-55-6-----	1,1,1-Trichloroethane		10	U
56-23-5-----	Carbon tetrachloride		10	U
75-27-4-----	Bromodichloromethane		10	U
78-87-5-----	1,2-Dichloropropane		10	U
10061-01-5----	cis-1,3-Dichloropropene		10	U
79-01-6-----	Trichloroethene		38	U
124-48-1-----	Dibromochloromethane		10	U
79-00-5-----	1,1,2-Trichloroethane		10	U
71-43-2-----	Benzene		10	U
10061-02-6----	trans-1,3-Dichloropropene		10	U
75-25-2-----	Bromoform		10	U
108-10-1-----	4-Methyl-2-pentanone		10	U
591-78-6-----	2-Hexanone		10	U
127-18-4-----	Tetrachloroethene		10	U
108-88-3-----	Toluene		10	U
79-34-5-----	1,1,2,2-Tetrachloroethane		10	U
108-90-7-----	Chlorobenzene		10	U
100-41-4-----	Ethylbenzene		10	U
100-42-5-----	Styrene		10	U
1330-20-7-----	Xylene, Total		10	U
75-71-8-----	Dichlorodifluoromethane		10	U
75-69-4-----	Trichlorofluoromethane		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASPOO VOLATILES - W
 ANALYSIS DATA SHEET

14/420

Client No.

916601

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECONY Case No.: SH603 SAS No.: _____ SDG No.: 0428A

Matrix: (soil/water) WATER Lab Sample ID: A3399501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F8909.RR

Level: (low/med) LOW Date Samp/Recv: 04/28/2003 04/29/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/01/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
1634-04-4	Methyl tert-butyl ether		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
110-82-7	Cyclohexane		10	U
108-87-2	Methylcyclohexane		10	U
106-93-4	1,2-Dibromoethane (Ethylene dibromide)		10	U
98-82-8	Isopropylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
79-20-9	Methyl Acetate		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASP00 VOLATILES - W
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

916601

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECN Case No.: SH603 SAS No.: _____ SDG No.: 0428A

Matrix: (soil/water) WATER Lab Sample ID: A3399501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F8909.RR

Level: (low/med) LOW Date Samp/Recv: 04/28/2003 04/29/2003

% Moisture: not dec. _____ Date Analyzed: 05/01/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASP00 VOLATILES - W
 ANALYSIS DATA SHEET

16/420

Client No.

9166TB

Lab Name: SIL Buffalo Contract: C004154

Lab Code: RECNY Case No.: SH603 SAS No.: _____ SDG No.: 0428A

Matrix: (soil/water) WATER Lab Sample ID: A3399502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F8906.RR

Level: (low/med) LOW Date Samp/Recv: 04/28/2003 04/29/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/01/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		10	U
74-83-9	Bromomethane		10	U
75-01-4	Vinyl chloride		10	U
75-00-3	Chloroethane		10	U
75-09-2	Methylene chloride		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
75-35-4	1,1-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
75-27-4	Bromodichloromethane		10	U
78-87-5	1,2-Dichloropropane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
124-48-1	Dibromochloromethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
71-43-2	Benzene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
108-88-3	Toluene		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U
100-42-5	Styrene		10	U
1330-20-7	Xylene, Total		10	U
75-71-8	Dichlorodifluoromethane		10	U
75-69-4	Trichlorofluoromethane		10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASP00 VOLATILES - W
 ANALYSIS DATA SHEET

Client No.

9166TB

Lab Name: STL Buffalo Contract: C004154

Lab Code: RBCNY Case No.: SH603 SAS No.: _____ SDG No.: 0428A

Matrix: (soil/water) WATER Lab Sample ID: A3399502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F8906.RR

Level: (low/med) LOW Date Samp/Recv: 04/28/2003 04/29/2003

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/01/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	UG/L	Q
76-13-1-----	1,1,2-Trichloro-1,2,2-Trifluoroethane	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
1634-04-4-----	Methyl tert-butyl ether	10	U
156-59-2-----	cis-1,2-Dichloroethene	10	U
110-82-7-----	Cyclohexane	10	U
108-87-2-----	Methylcyclohexane	10	U
106-93-4-----	1,2-Dibromoethane (Ethylene dibromide)	10	U
98-82-8-----	Isopropylbenzene	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
96-12-8-----	1,2-Dibromo-3-chloropropane	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
79-20-9-----	Methyl Acetate	10	U

NYS DEC
 NYS DEC ASP CONTRACT #C004154 - REGION 6
 NYSDEC - EPA ASP00 VOLATILES - W
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

9166TB

Lab Name: STL Buffalo Contract: C004154

Lab Code: RECNV Case No.: SH603 SAS No.: _____ SDG No.: 0428A

Matrix: (soil/water) WATER Lab Sample ID: A3399502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F8906.RR

Level: (low/med) LOW Date Samp/Recv: 04/28/2003 04/29/2003

% Moisture: not dec. _____ Date Analyzed: 05/01/2003

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

STL BUFFALO

NYS DEC

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

916601

Contract: NY00-096Lab Code: STLBFOCase No.: SH603

SAS No.:

SDG NO.: 0428AMatrix (soil/water): WATERLab Sample ID: AD320712Level (low/med): LOWDate Received: 4/29/03Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	185	B		P
7440-36-0	Antimony	5.8	U		P
7440-38-2	Arsenic	3.4	U		P
7440-39-3	Barium	68.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.30	U		P
7440-70-2	Calcium	110000			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	3.1	B		P
7439-89-6	Iron	183			P
7439-92-1	Lead	2.5	U		P
7439-95-4	Magnesium	33600			P
7439-96-5	Manganese	3.3	B		P
7440-02-0	Nickel	113			P
7440-09-7	Potassium	3150	B		P
7782-49-2	Selenium	5.5	U		P
7439-97-6	Mercury	0.140	U		CV
7440-22-4	Silver	0.70	U		P
7440-23-5	Sodium	40100			P
7440-28-0	Thallium	11.0			P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	2.2	B		P

Color Before: COLORLESSClarity Before: CLEAR

Texture: _____

Color After: COLORLESSClarity After: CLEAR

Artifacts: _____

Comments: _____

NYS DEC
 NYS DEC ASP Contract #C004154 - Region 6
 Wet Chemistry Analysis

20/420

Client Sample No.

916601

Lab Name: STL Buffalo

Contract: C004154

Lab Code: RECNY

Case No.: SH603

SAS No.: _____

SDG No.: 0428A

Matrix (soil/water): WATER

Lab Sample ID: A3399501

% Solids: 0.0

Date Samp/Recv: 04/28/2003 04/29/2003

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	05/06/2003
pH	S.U.	7.19				150.1	04/29/2003

Comments:
