New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control, Room 260A
50 Wolf Road, Albany, New York 12233-7010
Phone: (518) 457-0927 FAX: (518) 457-8989

John P. Cahill
Commissioner

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Dan Hoffman
Industrial Waste Chemist
Att: Pretreatment Oneida County Sewer District
PO Box 442
Utica, NY 13503

May 24, 1999

Dear Mr. Hoffman:

RE: Groundwater Permit No. GW-040, Semi-Annual Report, Formerly City of Utica
Primoshield Plating, Inc. Site #6-33-027 - Oneida County Sewer District

I. SEMI-ANNUAL REPORT

Enclosed please find the Semi-Annual Report, due May 31, 1999, for the above Groundwater Permit from Primoshield Plating, Site #6-33-027, City of Utica. The report contains the Oneida County Sewer District Reporting Form and the Oneida County Sewer District Industrial Use Report Certifications.

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

All analysis was performed by Recra Labnet Philadelphia, Lionville, Pennsylvania. All analyses for this permit are analyses specified in 40 CFR 136, see enclosed. Should you have any questions concerning the analytical methods, feel free to contact Ms. Judith Stone, Senior Project Manager, at (610) 280-3000.

Samples beyond the required effluent sample were taken. The additional samples were taken for greater definition of the treatment system, and to provide a base for likely elimination of the activated carbon treatment system. The additional samples are an influent sample, a sample after the stainless steel filter, and a sample after the first carbon drum. Handwritten on each analysis page is where the sample was taken.

Only influent and effluent samples were tested for pH and total cyanides.

VOC's above detection limits are highlighted. Per standard practice, confirmed with Jim Praznik, chemist, only values above detection limits are summed for Total VOC's by EPA Method 624.

Please note that methylene chloride, a site contaminant of concern, is both below the detection limit and was found in the blank.

No parameter analyzed was near any toxic hazardous waste level.

ND abbreviates Non-Detectable.

The only metal within logarithmic range of the permit limit is nickel. Please note that the samples submitted for analysis were not filtered.

II. DISCHARGE FLOWS

Monthly flow totalizer data was collected the 23rd of February, March, and April, and the 24th of May.

The site is not served by City water, and as such no water bills are enclosed. The source of the water being discharged is collection from three (3) groundwater interceptor trenches.

The readings, in gallons, are listed below:

February 23, 1999:	260,000	April 23, 1999:	374,889
March 23, 1999:	305,302	May 23, 1999:	395,752

The monthly differences are, respectively, 20,863 gallons between May and April, 69,587 gallons between April and March, and 45,302 gallons between March and February.

III. MONITORING PLAN FOR ACTIVATED CARBON SYSTEM SHUTDOWN

Our proposal is that if the November, 1999 analytical sampling results for flow and volatile organics are similar to these sampling results, then the shutdown of the activated carbon treatment system should be considered. The standards can be summarized as detectable volatile organic compounds less than 50 micrograms per liter and flows less than 2,500 gallons per day.

The data package for consideration for this decision will include not only the baseline influent groundwater sampling, but a midterm influent sampling sometime this summer when the quarterly on-site groundwater sampling is performed.

Should you have any questions, feel free to call me at (518) 457-7308.

Thank you for your time and patience.

Sincerely,

Terry Hughes, P.E.
Environmental Engineer

cc:w/enc. D. Sweredoski, Region 6, Watertown
w/o enc. J. Marsch, Region 6, Utica (without enclosure)
J. Stone, Recra Labnet Philadelphia
G. Rider

c:prpotwrp.wpd

ONEIDA COUNTY SEWER DISTRICT REPORTING FORM

Submit To:	From	Site
ATTN: PRETREATMENT	NYSDEC	PRIMOSHIELD
ONEIDA COUNTY SEWER DISTRICT	STATE OFFICE BLDG	1212 ST.VINCENT STREET
PO BOX 442	WATERTOWN NY 13601	UTICA NY 13501
UTICA NY 13503		

REPORTING PERIOD: November 30 1998 to May 31 1999

SAMPLING RESULTS:

For Semi-Annual Reporting, a grab sample of the Primoshield Site Batch Discharge 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 CITY WATER BILLS, CONTRACT LABORATORY REPORTS, AND MANIFESTS OF HAZARDOUS WASTE SHIPMENTS FOR THE REPORTING PERIOD.

POLLUTANT PARAMETER:	DAILY MAXIMUM LIMIT	Effluent ANALYTICAL RESULTS Sample#1	Influent Sample#2	Sample#3
Date Sampled		04/13/1999	04/13/1999	
Sample Number		9166-13	9166-12	
Discharge Flow (Note 1)		See Letter		
pH	5.0-12.5	7.3	7.4	
Cadmium, mg/L	1.0	ND	0.00032	
Chromium, mg/L	5.0	0.0016	0.0012	
Copper, mg/L	3.0	0.0119	0.0119	
Lead, mg/L	5.0	0.0031	ND	
Nickel, mg/L	2.0	0.206	0.187	
Zinc, mg/L	4.0	0.0166	0.0130	
Cyanide, mg/L	3.0	0.0029	ND	
Total VOCs (Note 2)	2.0	0.010	0.042	

1) Attach monthly flow totalizer data.

2) Total VOCs using EPA Method 624.

Signature: [signature] Date: 05/24/1999

MAY 19 RECEI PRETRE O.

Post-it® Fax Note 7671	Date 06-07-99	# of pages ▶ 2
To TERRY HUGHES	From R.D. HOFFMAN	
Co./Dept. NYSDEC	Co. OCSD	
Phone # 518-457-0927	Phone # 315-798-5656	
Fax # 518-457-8939	Fax # 315-724-9316	

ONEIDA COUNTY SEWER DISTRICT
INDUSTRIAL USER REPORT CERTIFICATION

Submit To:	From	Site
ATTN: PRETREATMENT	NYSDEC	PRIMOSHIELD
ONEIDA COUNTY SEWER DISTRICT	STATE OFFICE BLDG	1212 ST.VINCENT STREET
PO BOX 442	WATERTOWN NY 13601	UTICA NY 13501
UTICA NY 13503		

ATTACH TO REPORT DATED: May 25, 1999

REPORTING PERIOD: November 30, 1998 to May 31, 1999

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.

[X] 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)

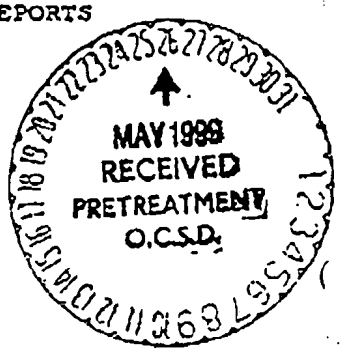
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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: [signature]

Title: dept. o+m Section

Date: May 24 1999

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



U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

916612

Lab Name: RECRA_LABNET_____ Contract: 01667_____
Lab Code: RECRA_ Case No.: SH099 SAS No.: _____ SDG No.: 916612
Matrix (soil/water): WATER Lab Sample ID: 9904L714-001
Level (low/med): LOW__ Date Received: 04/14/99
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-43-9	Cadmium	0.32		*	P
7440-47-3	Chromium	1.2			P
7440-50-8	Copper	11.9			P
7439-92-1	Lead	2.9	U	*	P
7440-02-0	Nickel	187			P
7440-66-6	Zinc	13.0			P
5955-70-0	Cyanide	2.5	U		C

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:
SH099-0413-9166-12

FORM I - IN

U.S. EPA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

916613

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH099 SAS No.: SDG No.: 916612

Matrix (soil/water): WATER Lab Sample ID: 9904L714-002

Level (low/med): LOW Date Received: 04/14/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-43-9	Cadmium	0.30	U	*	P
7440-47-3	Chromium	1.6			P
7440-50-8	Copper	11.9			P
7439-92-1	Lead	3.1		*	P
7440-02-0	Nickel	206			P
7440-66-6	Zinc	16.6			P
5955-70-0	Cyanide	2.8			C

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH099-0413-9166-13

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

916614

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH099 SAS No.: SDG No.: 916612

Matrix (soil/water): WATER Lab Sample ID: 9904L714-003

Level (low/med): LOW Date Received: 04/14/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-43-9	Cadmium	0.30	U	*	P
7440-47-3	Chromium	1.3			P
7440-50-8	Copper	11.5			P
7439-92-1	Lead	9.7		*	P
7440-02-0	Nickel	185			P
7440-66-6	Zinc	15.1			P
5955-70-0	Cyanide				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH099-0413-9166-14

FORM I - IN

U.S. EPA

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

916615

Lab Name: RECRA_LABNET Contract: 01667

Lab Code: RECRA Case No.: SH099 SAS No.: SDG No.: 916612

Matrix (soil/water): WATER Lab Sample ID: 9904L714-004

Level (low/med): LOW Date Received: 04/14/99

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-43-9	Cadmium	0.30	U	*	P
7440-47-3	Chromium	1.9			P
7440-50-8	Copper	10.4			P
7439-92-1	Lead	2.9	U	*	P
7440-02-0	Nickel	192			P
7440-66-6	Zinc	14.0			P
5955-70-0	Cyanide				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

SH099-0413-9166-15

FORM I - IN

Recra LabNet - Lionville

INORGANICS DATA SUMMARY REPORT 05/03/99

CLIENT: NYSDEC RECRA LOT #: 9904L714

WORK ORDER: 01667-600-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	SH099-0413-9166-12	pH	7.4	PH UNITS	0.01	1.0
-002	SH099-0413-9166-13	pH	7.3	PH UNITS	0.01	1.0

1A

VOLATILE ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

SH099-0413-9166-12

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9904L714-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: W042106

Level: (low/med) LOW Date Received: 04/14/99

% Moisture: not dec. _____ Date Analyzed: 04/21/99

Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
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	4	JB
75-35-4	1,1-Dichloroethene	1	J
75-34-3	1,1-Dichloroethane	1	J
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	24	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	18	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-chloroethylvinylether	10	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
107-02-8	Acrolein	50	U
107-13-1	Acrylonitrile	50	U
75-69-4	Trichlorofluoromethane	5	U

1A

VOLATILE ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

SH099-0413-9166-14

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9904L714-003

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: W042108

Level: (low/med) LOW Date Received: 04/14/99

% Moisture: not dec. _____ Date Analyzed: 04/21/99

Column: (pack/cap) CAP Dilution Factor: 1.00

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND		
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	4	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	1	J
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	23	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	17	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-chloroethylvinylether	10	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
107-02-8	Acrolein	50	U
107-13-1	Acrylonitrile	50	U
75-69-4	Trichlorofluoromethane	5	U

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VOLATILE ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

SH099-0413-9166-13

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9904L714-002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: W042107

Level: (low/med) LOW Date Received: 04/14/99

% Moisture: not dec. _____ Date Analyzed: 04/21/99

Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
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	4	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	1	J
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-chloroethylvinylether	10	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
107-02-8	Acrolein	50	U
107-13-1	Acrylonitrile	50	U
75-69-4	Trichlorofluoromethane	5	U

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VOLATILE ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

SH099-0413-9166-15

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9904L714-004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: W042109

Level: (low/med) LOW Date Received: 04/14/99

% Moisture: not dec. _____ Date Analyzed: 04/21/99

Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
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	4	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	1	J
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	16	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	6	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-chloroethylvinylether	10	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
107-02-8	Acrolein	50	U
107-13-1	Acrylonitrile	50	U
75-69-4	Trichlorofluoromethane	5	U

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VOLATILE ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

SH099-0413-9166-TB

Lab Name: Recra.LabNet Contract: 01667600001

Lab Code: Recra Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9904L714-005

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: W042111

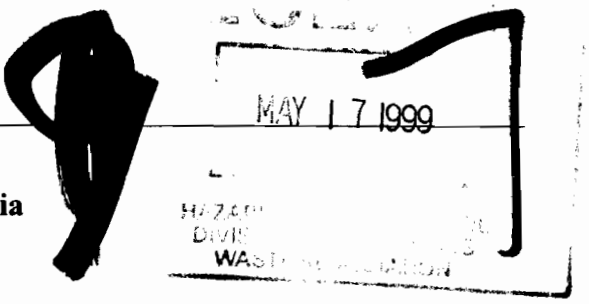
Level: (low/med) LOW Date Received: 04/14/99

% Moisture: not dec. _____ Date Analyzed: 04/21/99

Column: (pack/cap) CAP Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	
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	4	JB
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
110-75-8	2-chloroethylvinylether	10	U
75-25-2	Bromoform	5	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylene (total)	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
107-02-8	Acrolein	50	U
107-13-1	Acrylonitrile	50	U
75-69-4	Trichlorofluoromethane	5	U

RECRA LabNet
a division of Recra Environmental, Inc.
Virtual Laboratories Everywhere



Recra LabNet Philadelphia
Analytical Report

Client : NYSDEC
RFW# : 9904L714
ELAP# : 10752

W.O. # : 01667-600-001-9999-00
Date Received: 04-14-99

POTW Sampling 4/13/99

INORGANIC CASE NARRATIVE

1. This narrative covers the analysis of 2 water samples.

2. The samples were prepared and analyzed in accordance with the method checked on the attached glossary.

3. Sample holding times as required by the method and/or contract were met.

for J. Michael Taylor
Vice President
Philadelphia Analytical Laboratory

5-14-99
Date

njp\i04-714

208 Welsh Pool Road • Lionville, PA 19341-1333 • (610)-280-3000 • Fax (610) 280-3041

WET CHEMISTRY METHODS GLOSSARY FOR ANALYSIS OF WATER SAMPLES

	EPA 600	SW846	OTHER
Acidity	__305.1		
__Alkalinity __Bicarbonate __Carbonate	__310.1		
BOD	__405.1		__5210B (b)
Ion Chromatography:			
__Bromide __Chloride __Fluoride	__300.0	__9056	
__Nitrite __Nitrate __Phosphate	__300.0	__9056	
__Sulfate __Formate __Acetate __Oxalate	__300.0	__9056	
Chloride	__325.2	__9251	
Chlorine Residual	__330.5 (mod)		
Cyanide Amenable to Chlorination	__335.2	__9010A	
Cyanide (Total)	__335.2	__9010A __9012	__ILM04.0 (e)
Cyanide, Weak Acid Dissociable			__412 (a) __4500CN-I (b)
COD	__410.4 (mod)		__5220 C (b)
Color	__110.2		
Corrosivity (by Coupon)		__1110 (mod)	
Chromium VI		__7196A	__3500Cr-D (b)
Fluoride	__340.2		
Hardness, Calcium	__215.2		
Hardness, Total	__130.2		
Iodide			__ASTM D19P202 (1)
Surfactant	__425.1		
__Nitrate-Nitrite __Nitrate __Nitrite	__353.2		
Ammonia	__350.3		
Total__Kjeldahl Nitrogen __Organic Nitrogen	__351.4		
Total __Organic __Inorganic Carbon	__415.1	__9060	
Oil and Grease	__413.1	__9070	
√pH __pH, Paper	√150.1	__9040A __9041A	
Petroleum Hydrocarbons, Total Recoverable	__418.1		
Phenol	__420.1 __420.2	__9065 __9066	
__Ortho Phosphate __Total Phosphate	__365.2		__4500-P B __C
Salinity			__210A (a) __2520B (b)
Settleable Solids	__160.5		
Sulfide	__376.2 __376.1	__9030A	
Reactive __Cyanide __Sulfide		__Sec 7.3	
Silica	__370.1		
Sulfite	__377.1		
Sulfate	__375.4	__9038	
Specific Conductance	__120.1	__9050	
Specific Gravity			__213E (a)
__TCLP __TCLV		__1311	
Synthetic Precipitation Leach		__1312	
Total __Dissolved __Suspended __Solids	160__.1__.2__.3		
Total Organic Halides	__450.1	__9020B	
Turbidity	__180.1		
Volatile Solids __Total __Dissolved __Suspended	__160.4		

Other:_____ Method:_____

Recra LabNet - Lionville

INORGANICS DATA SUMMARY REPORT 05/03/99

CLIENT: NYSDEC

RECRA LOT #: 9904L714

WORK ORDER: 01667-600-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	SH099-0413-9166-12	pH	7.4	PH UNITS	0.01	1.0
-002	SH099-0413-9166-13	pH	7.3	PH UNITS	0.01	1.0

WET CHEMISTRY METHODS GLOSSARY FOR ANALYSIS OF WATER SAMPLES

	EPA 600	SW846	OTHER
Acidity	__305.1		
__Alkalinity __Bicarbonate __Carbonate	__310.1		
BOD	__405.1		__5210B (b)
Ion Chromatography:			
__Bromide __Chloride __Fluoride	__300.0	__9056	
__Nitrite __Nitrate __Phosphate	__300.0	__9056	
__Sulfate __Formate __Acetate __Oxalate	__300.0	__9056	
Chloride	__325.2	__9251	
Chlorine Residual	__330.5 (mod)		
Cyanide Amenable to Chlorination	__335.2	__9010A	
Cyanide (Total)	__335.2	__9010A __9012	__ILM04.0 (e)
Cyanide, Weak Acid Dissociable			__412 (a) __4500CN-I (b)
COD	__410.4 (mod)		__5220 C (b)
Color	__110.2		
Corrosivity (by Coupon)		__1110 (mod)	
Chromium VI		__7196A	__3500Cr-D (b)
Fluoride	__340.2		
Hardness, Calcium	__215.2		
Hardness, Total	__130.2		
Iodide			__ASTM D19P202 (1)
Surfactant	__425.1		
__Nitrate-Nitrite __Nitrate __Nitrite	__353.2		
Ammonia	__350.3		
Total__Kjeldahl Nitrogen __Organic Nitrogen	__351.4		
Total __Organic __Inorganic Carbon	__415.1	__9060	
Oil and Grease	__413.1	__9070	
✓pH __pH, Paper	✓150.1	__9040A __9041A	
Petroleum Hydrocarbons, Total Recoverable	__418.1		
Phenol	__420.1 __420.2	__9065 __9066	
__Ortho Phosphate __Total Phosphate	__365.2		__4500-P B __C
Salinity			__210A (a) __2520B (b)
Settleable Solids	__160.5		
Sulfide	__376.2 __376.1	__9030A	
Reactive __Cyanide __Sulfide		__Sec 7.3	
Silica	__370.1		
Sulfite	__377.1		
Sulfate	__375.4	__9038	
Specific Conductance	__120.1	__9050	
Specific Gravity			__213E (a)
__TCLP __TCLV		__1311	
Synthetic Precipitation Leach		__1312	
Total __Dissolved __Suspended __Solids	160__.1__.2__.3		
Total Organic Halides	__450.1	__9020B	
Turbidity	__180.1		
Volatile Solids __Total __Dissolved __Suspended	__160.4		
Other:_____	Method:_____		

Recra LabNet - Lionville

INORGANICS DATA SUMMARY REPORT 05/03/99

CLIENT: NYSDEC RECRA LOT #: 9904L714

WORK ORDER: 01667-600-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	SH099-0413-9166-12	pH	7.4	PH UNITS	0.01	1.0
-002	SH099-0413-9166-13	pH	7.3	PH UNITS	0.01	1.0

METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

* = Indicates that the original sample result is greater than 4x the spike amount added.

ABBREVIATIONS

MB = Method or Preparation Blank.
MS = Matrix Spike.
MSD = Matrix Spike Duplicate.
REP = Sample Replicate
LC = Laboratory Control Sample.
NC = Not calculated.

A suffix of -R, -S, or -T following these codes indicate a replicate, spike or sample duplicate analysis respectively.

ANALYTICAL WET CHEMISTRY METHODS

1. ASTM Standard Methods.

2. USEPA Methods for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020).

3. Test Methods for Evaluating Solid Waste (USEPA SW-846).

a. Standard Methods for the Examination of Water and Waste, 16 ed., (1989).

b. Standard Methods for the Examination of Water and Waste, 17 ed., (1983)

c. Method of Soil Analysis, Part 1, Physical and Mineralogical Methods, 2nd. Ed. (1986)

d. Method of Soil Analysis, Part 2, Chemical and Microbiological Properties, Am. Soc. Agron., Madison, WI (1965)

e. USEPA Contract Laboratory Program, Statement of Work for Inorganic Analysis.

f. Code of Federal Regulations.

Recra LabNet - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
NYSDEC

DATE RECEIVED: 04/14/99 RFW LOT # :9904L714

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
SH099-0413-9166-12						
PH	001	W	99LPH037	04/13/99	04/14/99	04/14/99
SH099-0413-9166-13						
PH	002	W	99LPH037	04/13/99	04/14/99	04/14/99

RECRA LabNet Use Only
9904L714

(8) [illegible] wet lab

Custody Transfer Record/Lab Work Request

RECRA LabNet

Client: Nipdec
Est. Final Proj. Sampling Date:
Project #: 011667-600-001-9999-00
Project Contact/Phone #:
RECRA Project Manager: JS
QC: Clp Del: Clp TAT: 30 day
Date Rec'd: 4/14/99 Date Due: 5/14/99
Account #:

	VOA	Metal	CN	
Refrigerator #	1	3	3	3
#/Type Container – Liquid	2g	1p	1p	1p
Volume – Liquid	40	1lt	1lt	125
Preservatives	HCl	HNO3	NaOH	-
RECRA LabNet Use Only	OU24W	Met(1)	iCNTO	1PH

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

Lab ID	Client ID/Description	MS	MSD	Matrix	Date Collected	Time Collected	VOA	BNA	Pest/PCB	Herb	Metal	CN	[1PH]	RECRA LabNet Use Only
001	5H099-0413-9166-12			W	4/13/99	1455	✓				✓	✓	✓	Relogged from batch 9904L684-010
2	13			↓	↓	1507	✓				✓	✓	✓	011
3	14					1512	✓				✓			012
4	15					1520	✓				✓			013
005	TB			W	4/13/99	—	✓							014

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1. Met(1) = Cd, Cr, Cu, Pb, Ni, Zn
4/21/99 2. CN+ pH added to 1+2
3.
4.
5.
6.

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Relog	Fodur	4/17/99	-				

Discrepancies Between Samples Lables and COC Record? Y or N
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped ___ or Hand Delivered ___
Airbill # ______
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N
COC Record Present Upon Sample Rec't Y or N

Relog

Page 1 of 1

714

Recra LabNet
Philadelphia

pH (Electrometric)
(Aqueous pH, Soil pH, Corrosivity by pH)

Analyst: RD Braue
Date: 4/14/99
pH Meter ID#: 520A
Slope: 99.6 (1st Cal) | 99.0 (2nd Cal)

Method (circle one):
21-15-0150.1 Rev. (water)
21-15-9045 Rev. (soil)

Logbook #: 662
Prep Batch: 99LPH0037
Worksheet: PH0714

RFW #/Standard	pH Reading 1	pH Reading 2	pH (average)	Solid Prep/ Comments	Temp °C	Time
4 Buffer 1°	Entered 4.00				20.5	9:40
7	Entered 7.01					9:43
10	Entered 10.05					9:46
4 2°	4.03		4.03		25.0	9:49
7	7.00		7.00			9:52
10	10.00		10.00			9:55
9904L627 -008	9.17	9.17	9.17			9:59
7 Buffer 1°	7.00		7.00			10.05
10	10.00		10.00			10.12
7 Buffer 1°	6.97		6.97			12.28
9904L674-003	7.40 (1) 7.31 (2)	7.31 (3)	7.31	AVERAGE OF (2)(3)		1232
-007	7.07	7.06	7.06 ROB 4/14/99			1236
-007R	7.10	7.06	7.08			1239
7 Buffer 1°	6.99		6.99			1242
9904L642-002	3.38	3.38	3.38			1255
ROB 4/15/99 -006	3.13	3.13	3.13			1300
4 Buffer 1°	4.01		4.01			1305
7	7.02		7.02			1310
~~7 Buffer~~	~~7.04~~					~~1310~~ ROB 4/14/99
~~9904L684-010~~						RCB 4/14/99
4 Buffer 1°	Set 4.00		—	Recal libration RDB 4/14/99	~~21°C 4.20~~	1420
7	Set 7.00		—		21°C	1424
10	Auto Set		—		21°C	1428
4 2°	3.99		3.99		25.0°C	1430
7	7.00		7.00			1432

"R" = replicate Note: Sample pH is measured at 25°± 0.5°C

Standard:	ID	Prep Date	Expir Date
10 Buffers	5456-004-678	9/14/99	5/14/99
20 Buffers	-9;9;11	1	1

Reviewed By/Date: 4-19-99

Recra LabNet
Philadelphia

pH (Electrometric)
(Aqueous pH, Soil pH, Corrosivity by pH)

Analyst: R D Brane
Date: 4/14/99
pH Meter ID#: 520A
Slope: 99.6-1st Cal 99.0-2nd Cal

Method (circle one):
21-15-0150.1 Rev. (water)
21-15-9045 Rev. (soil)

Logbook #: 6622
Prep Batch: 99LPH037
Worksheet: PH0414

RFW #/Standard	pH Reading 1	pH Reading 2	pH (average)	Solid Prep/ Comments	Temp °C	Time
10 Buffer 2°	9.99		9.99		20.8°C	1435
9904L684-010	7.39	7.38	7.38	Relogged to 9904E714-001		1437
-011	7.30	7.30	7.30	714-002		1440
-011R	7.31	7.31	7.31			1443
7 Buffer 10	6.99		6.99			1445

DOB 4/14/99

"R" = replicate Note: Sample pH is measured at 25°± 0.5°C

Standard:	ID	Prep Date	Expir Date
10 Buffers	5456-004-6,7,8	4/14/99	5/14/99
20 Buffers	-9,10,11	1	1

Reviewed By/Date: 4-19-99

WESTON Analytics Inorganics Section

Date of Prep: 04/14/99
Date of Analysis: 04/14/99
Worksheet: PH0414 Run Batch: 99LPH037 CALIB DATA SLOPE: 0.00
Computer #: DARWIN Method: 150.1 INTERCEPT: 0.00
Directory: INORGANICS Analyst: RDB CORRELATION COEFF.: 0
Instrument: METER

RFW SAMPLE ID	TEST	INST. ABS	INITIAL RESULT	DILUTION FACTOR	C/D	FINAL RESULT	DETECTION LIMIT 0.01	UNITS	REPLICATE ORIG SAMPLE RESULT	REP % DIFF	SPIKE SPIKE LEVEL ?	SAMPLE SPIKE AMOUNT	% RECOV	LCS AMT LCS ?	% RECOV	SAMPLE PREP PREP BATCH	REQUIRED SAMPLE VOL.	ACTUAL SAMPLE VOL.	% SOLIDS	ANAL TIME	DATE PREP
CCV4	IPH	.				4.03	0.01	PH UNITS								99LPH037				09:49	
CCV7	IPH	.				7.00	0.01	PH UNITS								99LPH037				09:52	
CCV10	IPH	.				10.00	0.01	PH UNITS								99LPH037				09:55	
9904L627-008	IPH	.				9.17	0.01	PH UNITS								99LPH037				09:59	
CCV7	IPH	.				7.00	0.01	PH UNITS								99LPH037				10:05	
CCV10	IPH	.				10.00	0.01	PH UNITS								99LPH037				10:12	
CCV7	IPH	.				6.97	0.01	PH UNITS								99LPH037				12:28	
9904L674-003	IPH	.				7.31	0.01	PH UNITS								99LPH037				12:32	
9904L674-007	IPH	.				7.06	0.01	PH UNITS								99LPH037				12:36	
9904L674-007	IPH--R	.				7.08	0.01	PH UNITS	7.060	0.3						99LPH037				12:39	
CCV7	IPH	.				6.99	0.01	PH UNITS								99LPH037				12:42	
9904L642-002	IPH	.				3.38	0.01	PH UNITS								99LPH037				12:55	
9904L642-006	IPH	.				3.13	0.01	PH UNITS								99LPH037				13:00	
CCV4	IPH	.				4.04	0.01	PH UNITS								99LPH037				13:05	
CCV7	IPH	.				7.02	0.01	PH UNITS								99LPH037				13:10	
CCV4	IPH	.				3.99	0.01	PH UNITS								99LPH037				14:30	
CCV7	IPH	.				7.00	0.01	PH UNITS								99LPH037				14:32	
CCV10	IPH	.				9.99	0.01	PH UNITS								99LPH037				14:35	
9904L714-001	IPH	.				7.38	0.01	PH UNITS								99LPH037				14:37	
9904L714-002	IPH	.				7.30	0.01	PH UNITS								99LPH037				14:40	
9904L714-002	IPH--R	.				7.31	0.01	PH UNITS	7.300	0.1						99LPH037				14:43	
CCV7	IPH	.				6.99	0.01	PH UNITS								99LPH037				14:45	

#- Sample 684-10 and 11 changed to 714-001, 002. Lvl 4/28/99. and reupdated.

END OF PACKAGE

From: Terry Hughes
To: jxrider, jrstrang
Date: 5/17/99 10:06am
Subject: PRIMOSHIELD POTW PERMIT & CARBON TREATMENT

Talked to Jim Praznik, Chemist, Oneida County Sew District, concerning removal of carbon treatment for the collected groundwater since the permit limit is 2K pbb, and the sampling analytical is less than 50 ppb.

He indicated that they would like to see one more sampling round, which would be for the November 30 report, before OKing removal of the carbon treatment.

There is no other treatment for the other parameters, pH, cyanide, and various metals.

This report will contain not only the certified analytical results, but will also have added past historical data and the quarterly groundwater monitoring results to set the plate for the next round of sampling.

The certified results are late even for the VOC's, but Recra indicated that the metals are even later due to their moving their metals laboratory. There was also the difficulty that the groundwater samples are run under NY protocols whereas the POTW samples are run under 40 CFR 136 protocols.

If the full results are not in this week, a preliminary report will be sent to Oneida County indicating that the full report will be sent in when the certified analytical resuls are received.

The federal Pretreatment regulations have a requirement that any permit holder who does not have their report in within 30 days of the due date has committed a significant violation, and their name will be published in the local newspaper as a significant violator. We want to avoid this.

Terry

CC: REG60.Watertown.dmswered

ONEIDA COUNTY DEPARTMENT OF WATER QUALITY & WATER POLLUTION CONTROL

51 Leland Ave., PO Box 442, Utica, NY 13503-0442
(315) 798-5656 (FAX) 724-9812

Ralph J. Eannace, Jr.
County Executive

Steven P. Devan, P.E.
Commissioner

May 4, 1999

MR. DARRELL SWEREDOWSKI
NYSDEC, REGION 6 HEADQUARTERS
STATE OFFICE BUILDING
WATERTOWN NY 13601

Re: Primoshield Utica Site

Dear Mr. Sweredowski:

Enclosed is a semi-annual reporting requirements notice, and reporting forms for sanitary sewer discharges from the Primoshield remediation site in Utica NY. The forms originally were sent to Ontario Specialty Contractors, but they no longer operate the site.

Sincerely,

THE ONEIDA COUNTY DEPARTMENT OF
WATER QUALITY & WATER POLLUTION CONTROL

RD Hoffman

R.D. HOFFMAN
Industrial Wastes Chemist

ONEIDA COUNTY DEPARTMENT OF WATER QUALITY & WATER POLLUTION CONTROL

51 Leland Ave., PO Box 442, Utica, NY 13503-0442
(315) 798-5656 (FAX) 724-9812

Ralph J. Eannace, Jr.
County Executive

Steven P. Devan, P.E.
Commissioner

MEMORADUM

TO: All Active Groundwater Sites

FROM: R.D. Hoffman, OCSD Industrial Waste Chemist

DATE: April 27, 1999

SUBJECT: Semi-Annual Report Requirements

****

REMINDER

Oneida County (groundwater) Permits that have Self-Monitoring Requirements have reporting due dates of **May 31** and November 30. If the groundwater site is inactive at this time, please send a letter stating that the site is currently inactive.

Every day a report is late is considered a Violation of Pretreatment Standards. In addition to daily violations, Federal Regulations [40 CFR 403.8(F)(2)(vii)] have defined reports late by more than 30 days as "Significant Non-Compliance".

To avoid possible enforcement actions because of late reports, take your Semi-Annual Samples well in advance of the due date to allow for the turn-around time necessary to receive the results from your Contract Laboratory.

Note: As a result of the 1995 pretreatment program audit the OCSD must require that your contract laboratory include a method reference on all analytical report forms. Labs are required to use methods listed in 40 CFR Part 136 for pretreatment compliance monitoring.

Please disregard this notice if you have already submitted your report.

JA/ja

ONEIDA COUNTY SEWER DISTRICT REPORTING FORM

Submit To:	From	Site
ATTN: PRETREATMENT	NYSDEC	PRIMOSHIELD
ONEIDA COUNTY SEWER DISTRICT	STATE OFFICE BLDG	1212 ST.VINCENT STREET
PO BOX 442	WATERTOWN NY 13601	UTICA NY 13501
UTICA NY 13503		

REPORTING PERIOD: _____ to _____

SAMPLING RESULTS:

For Semi-Annual Reporting, a grab sample of the Primoshield Site Batch Discharge 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 CITY WATER BILLS, CONTRACT LABORATORY REPORTS, AND MANIFESTS OF HAZARDOUS WASTE SHIPMENTS FOR THE REPORTING PERIOD.

POLLUTANT PARAMETER:	DAILY MAXIMUM LIMIT	ANALYTICAL RESULTS Sample#1	Sample#2	Sample#3
Date Sampled				
Sample Number				
Discharge Flow (Note 1)				
pH	5.0-12.5			
Cadmium, mg/L	1.0			
Chromium, mg/L	5.0			
Copper, mg/L	3.0			
Lead, mg/L	5.0			
Nickel, mg/L	2.0			
Zinc, mg/L	4.0			
Cyanide, mg/L	3.0			
Total VOCs (Note 2)	2.0			

1) Attach monthly flow totalizer data.

2) Total VOCs using EPA Method 624.

Signature: _____ Date: _____

ONEIDA COUNTY SEWER DISTRICT
INDUSTRIAL USER REPORT CERTIFICATION

Submit To:	From	Site
ATTN: PRETREATMENT	NYSDEC	PRIMOSHIELD
ONEIDA COUNTY SEWER DISTRICT	STATE OFFICE BLDG	1212 ST.VINCENT STREET
PO BOX 442	WATERTOWN NY 13601	UTICA NY 13501
UTICA NY 13503		

ATTACH TO REPORT DATED: _____

REPORTING PERIOD: _____ to _____

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: _____

Title: _____

Date: _____

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

Check BOTTLES / If any needs, contact Judy Stone

Coming in 4/6/99.

DIVISION OF ENVIRONMENTAL REMEDIATION

CONTRACT LABORATORY WORK REQUEST

DATE 03/19/99

SAMPLER T. Hushed PHONE # 518-457-7308

SITE NAME Primeshield

SITE REGISTRY # 6-33-027

APPROXIMATE SAMPLING DATE Tuesday, April 13th

NUMBER OF SAMPLES	SAMPLE MATRIX	ANALYSIS REQUESTED
1 (Inlet) (R)	Grd. H_2O	pH: EPA 150.1 CN: EPA 335.3 Metals: Cd; Cr; Cu; Pb; Ni; Zn ICP/AES EPA 200.7 VOC's, Total EPA 624
1 (Outlet) (R)	Treated H_2O	Same as Inlet
1 (After Filters)	Grd. H_2O	VOC's, Total; Above Metals
1 (After 1st Carbon Bed)	Treated H_2O	VOC's, Total; Above Metals

COMMENTS R = Required by Permit

OM = O+M Required

LAB REQUESTED

LAB ASSIGNED Recra - Lewisville

Judy Stone

610-280-5000

Called 3/25/99 Bottles will come 1 Vial B-4 Called In