

SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433

Attn: Allen Gilliam Water Div NPDES Pretreatment

(1) IDENTIFYING INFORMATION

| | |
|--|---|
| <p>A. LEGAL NAME & MAILING ADDRESS: Baxter Healthcare Corporation 1900 N. Hwy. 201 Mountain Home, AR 72653</p> | <p>B. FACILITY & LOCATION ADDRESS: Baxter Healthcare Corporation 1900 N. Hwy. 201 Mountain Home, AR 72653</p> |
|--|---|

C. FACILITY CONTACT: Carolyn Walker, Env. Representative **TELEPHONE NUMBER:** 870-424-5336

(2) REPORTING PERIOD—FISCAL YEAR From Feb. 1 to Jan. 31 (Both Semi-Annual Reports must cover Fiscal Year)

| | |
|---|---|
| <p>A. MONTHS WHICH REPORTS ARE DUE: February & August</p> | <p>B. PERIOD COVERED BY THIS REPORT: FROM: 08/01/2008 TO: 01/31/2009</p> |
|---|---|

(3) DESCRIPTION OF OPERATION:

A. REGULATED PROCESSES

CORE PROCESS(ES)

CHECK EACH APPLICABLE BLOCK

- Electroplating
- Electroless plating
- Anodizing
- Coating
- Chemical Etching and Milling
- Printed Circuit Board Manufacture

ANCILLARY PROCESS(ES)*

LIST BELOW EACH PROCESS USED IN THE FACILITY

Cleaning, Polishing, Grinding

B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESS SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.

Conversations w/ Ms Walker cleared up. Cr 2.3mg/l max. measured analysis from spray wash. See next page for more details. AH

RECEIVED

FEB - 9 2009

AH

NPDES PERMIT FILE
 NPDES # AR00021211
 AFIN # _____
 _____ Permit PN
 _____ Correspondence
 _____ Technical Backup
 3/24/09 *AH* Date Scanned

C. NUMBER OF REGULAR EMPOLYEES AT THIS FACILITY:

928 Employees

D. {RESERVED}

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

| Process | Average | Maximum | Type of Discharge |
|------------------------|---------|---------|-------------------|
| Regulated (Core & Anc) | 1,050 | 1,050 | Batch |
| Regulated (Cyanide) | NA | NA | NA |
| §403.6(e) Unregulated* | 30,260 | 30,260 | Batch/Continuous |
| §403.6(e) Dilute | NA | NA | NA |
| Cooling Water | 48,443 | 48,443 | Continuous |
| Sanitary | 42,588 | 42,588 | Continuous |
| Total Flow to POTW | 122,344 | 122,344 | ***** |

* "Unregulated" has a precise legal meaning; see 40 CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

| | |
|---|--|
| X | Neutralization |
| X | Chemical Precipitation and Sedimentation |
| | Chromium Reduction |
| | Cyanide Destruction |
| | Other: |
| | None |

B. COMMENTS ON TREATMENT SYSTEM

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES—CORE & ANCILLARY—(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM, TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

| Pollutant(mg/l) | Cd | Cr | Cu | Pb | Ni | Ag | Zn | CN* | TTO* |
|-----------------|--------|-------|-------|-------|------|--------|-------|-------|------|
| Max for 1 day | 0.11 | 2.77 | 3.38 | 0.69 | 3.98 | 0.43 | 2.61 | 1.20 | 2.13 |
| Monthly Ave. | 0.07 | 1.71 | 2.07 | 0.43 | 2.38 | 0.24 | 1.48 | 0.65 | -- |
| Max Measured | <0.004 | 2.3 | 1.2 | <0.04 | 1.1 | <0.007 | 0.88 | 0.036 | NA |
| Ave. Measured | <0.004 | 0.512 | 0.163 | <0.04 | 0.26 | <0.007 | 0.231 | 0.006 | NA |

* PROVIDE THE CONCENTRATION HERE IF NO CERTIFICATION IS PROVIDED IN SECTION 6 BELOW OR MARK N/A IF A CERTIFICATION IS PROVIDED.

| | |
|---|---|
| Sample Location: | See Attached Sampling Plan (Attachment #1) |
| Sample Type (Grab or Composite): | Grab (See Sample Plan Attachment #1) |
| Number of Samples and Frequency Collected: | 8 (12/3/2008) |
| 40CFR136 Preservation and Analytical Methods Use: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

see schematic in file and "Sampling plan" (#2). All "blue-line" non-pretreated reg'd process w/w flows are commingled into one main line, therefore, the analysis from the separate samples are averaged for compliance.

(6) CERTIFICATION

A. CHECK ONE CYANIDE ANALYSIS ATTACHED EPA REGION VI CYANIDE CERTIFICATION PROVIDED BELOW

Based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standards, I certify that to the best of my knowledge, cyanide has not been used or generated in our processes which are regulated by the Metal Finishing (40 CFR 433) categorical pretreatment standards since the filing of the last semi-annual compliance report.

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature:

B. CHECK ONE §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED §433.12(a) TTO CERTIFICATION PROVIDED BELOW

Based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Pollution Control and Ecology.

Steve Cardin, Plant Manager

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature: 02/04/09

CORPORATE ACKNOWLEDGEMENT (Optional)

State of Arkansas
County of Baxter

Before me, the undersigned authority, on this day personally appeared _____ of _____,

a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this 25th day of February, 2002.

Notary Public in and for Baxter
County, Arkansas

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

§6602 [42 U.S.C. 13101 et seq.] Findings and Policy para. (b) Policy – The congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduces at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

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FEB 09 2009
Mailroom

(8) GENERAL COMMENTS

The sample pulled at the "grinder wastewater" location indicated a problem with the filter unit. The filter unit was examined and it was determined that the filters had not been changed out at the frequency required to ensure adequate filtration of the grinding wastewater. Standard work was updated to include frequency to change filters and employees trained per the standard work.

Attachments included with submission:

| | |
|---------------|-----------------------------------|
| Attachment #1 | Needles Sampling Plan |
| Attachment #2 | Needles Wastewater Flow Schematic |
| Attachment #3 | Analytical Results |

(9) SIGNATORY REQUIREMENTS [40CFR403.12(I)]

I certify under penalty of law that I have personally examined and am familiar with the information in 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.

Steve Cardin, Plant Manager

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

SIGNATURE

 2/4/09

Needles Sampling Plan (40 CFR 433 Subpart A)

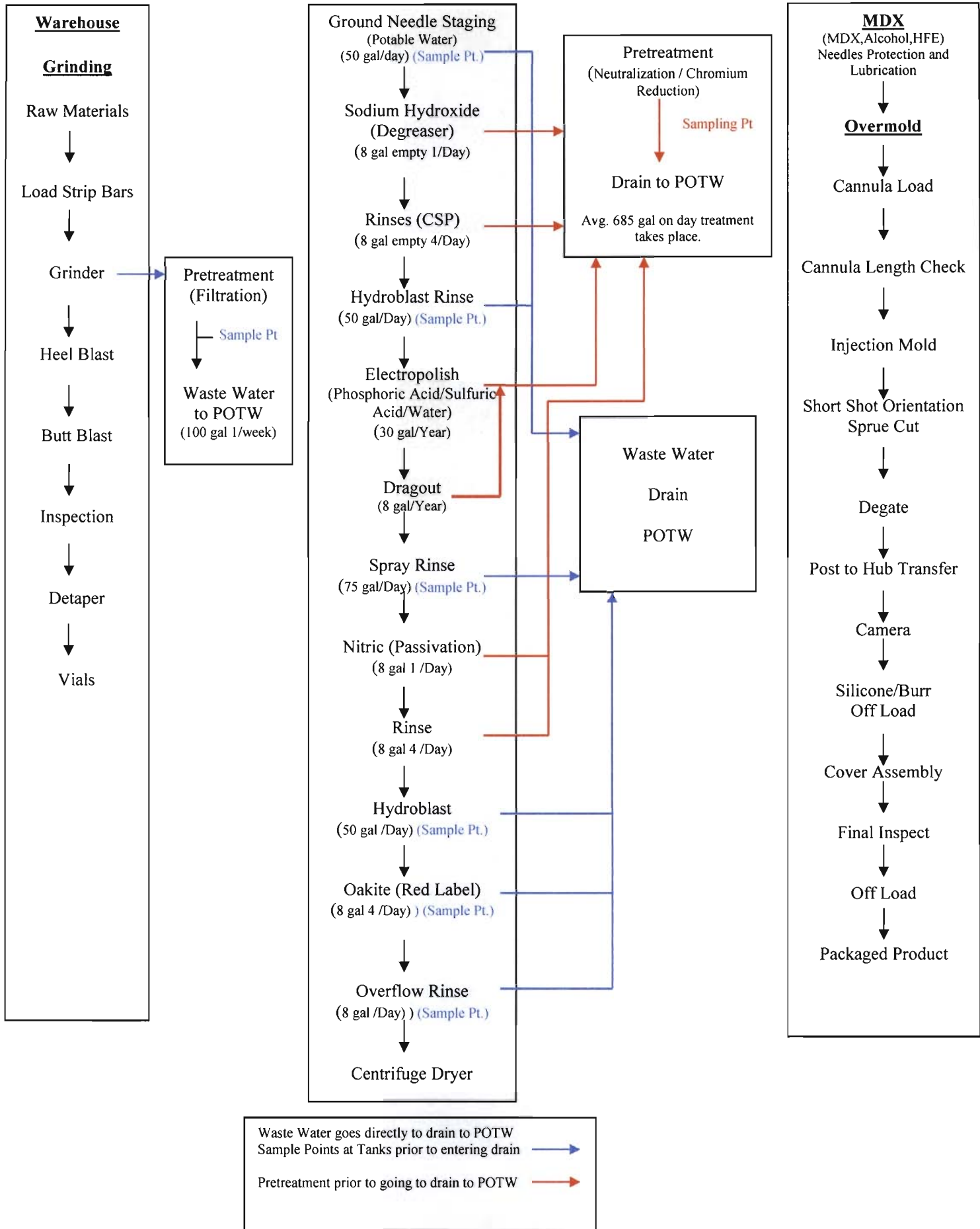
In accordance with 40 CFR Part 403.12(e) industrial users with processes regulated by categorical pretreatment standards (40 CFR Part 433, et al) are required to submit semi-annual reports to the ADEQ to demonstrate continued compliance when discharge from the regulated processes enter, can enter, or will enter a Publicly Owned Treatment Works (POTW). Reports are due February and August.

Sampling Plan: Sample once every 6 months. If noncompliance noted sample as needed to demonstrate compliance.

1. Sample will consist of one grab sample from pretreatment holding tank discharge point; holding tank discharge avg. 700 gal. with discharge time of 15 minutes. Pretreatment is performed on the Sodium Hydroxide bath and primary rinse water; Electropolish (Phosphoric Acid/Sulfuric Acid/Water); Nitric Acid bath and primary rinse water.
2. *(combined w/ analysis averaged for compliance)*
Sample will consist of one grab sample at the end of the batch prior to water entering drain from each separate operation: Ground Needle Staging; Hydroblast Rinse, Spray Rinse, Hydroblast Rinse, Oakite Process; Overflow rinse, filtered grinding waste water.
⑤ ① ⑥ ② ③ ④ ④
3. Sample effluent data to be reported semi-annually (February and August).

Ground needles

Needles (40CFR 433 Subpart A)



Needles Electrophilic Operation

(continued)

| | <u>Cadmium</u> | <u>Chromium</u> | <u>Copper</u> | <u>Lead</u> | <u>Nickel</u> | <u>Silver</u> | <u>Zinc</u> | <u>Total Cyanide</u> | <u>Date Sampled</u> |
|----------------------|----------------|-----------------|---------------|-------------|---------------|---------------|-------------|----------------------|---------------------|
| Grinder Wastewater | <0.004 | 1.3 | 0.048 | <0.04 | 0.69 | <0.007 | 0.74 | 0.036 | 12/3/2008 |
| Grinder Ndl Staging | <0.004 | <0.007 | 0.016 | <0.04 | 0.019 | <0.007 | 0.16 | <0.01 | 12/3/2008 |
| Hydroblast Rinse 1 | <0.004 | 0.33 | 0.024 | <0.04 | 0.19 | <0.007 | 0.02 | <0.01 | 12/3/2008 |
| Spray Rinse | <0.004 | 2.3 | 1.2 | <0.04 | 1.1 | <0.007 | 0.88 | <0.01 | 12/3/2008 |
| Hydroblast 2 | <0.004 | 0.1 | 0.0068 | <0.04 | 0.048 | <0.007 | 0.015 | <0.01 | 12/3/2008 |
| Oakite Batch | <0.004 | <0.007 | <0.006 | <0.04 | <0.01 | <0.007 | 0.019 | <0.01 | 12/3/2008 |
| Overflow Rinse | <0.004 | <0.007 | <0.006 | <0.04 | <0.01 | <0.007 | <0.002 | <0.01 | 12/3/2008 |
| Pretreatment Tank | <0.004 | 0.067 | 0.013 | <0.04 | 0.029 | <0.007 | 0.011 | 0.012 | 12/3/2008 |
| Max Measured | <0.004 | 2.3 | 1.2 | <0.04 | 1.1 | <0.007 | 0.88 | 0.036 | |
| Max for 1 day | 0.11 | 2.77 | 3.38 | 0.69 | 3.98 | 0.43 | 2.61 | 1.20 | |
| Avg Measured | <0.004 | 0.512 | 0.163 | <0.04 | 0.260 | <0.007 | 0.231 | 0.006 | |
| Monthly Avg. | 0.07 | 1.71 | 2.07 | 0.43 | 2.38 | 0.24 | 1.48 | 0.65 | |

8/1/08 - 1/31/09



Baxter Healthcare Corporation
ATTN: Ms. Carolyn Walker
1900 North Highway 201
Mountain Home, AR 72653

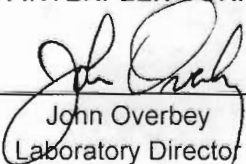
Dear Ms. Carolyn Walker:

Project Description: One (1) water sample(s) received on December 5, 2008
NPDES Monitoring
Needles Wastewater

This report is the analytical results and supporting information for the sample submitted to American Interplex Corporation (AIC) on December 5, 2008. The following results are applicable only to the sample identified by the control number referenced above. Accurate assessment of the data requires access to the entire document. Each section of the report has been reviewed and approved by the appropriate laboratory director or a qualified designee.

Data has been validated using standard quality control measures performed on at least 10% of the samples analyzed. Quality Assurance, instrumentation, maintenance and calibration were performed in accordance with guidelines established by the cited methodology.

AMERICAN INTERPLEX CORPORATION

By  By KW

John Overbey
Laboratory Director

Enclosure(s): Chain of Custody



Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

CASE NARRATIVE

SAMPLE RECEIPT

Received Temperature: 2°C

| | | |
|-----------------------|--------------------------------|---|
| Receipt Verification: | Complete Chain of Custody | Y |
| | Sample ID on Sample Labels | Y |
| | Date and Time on Sample Labels | Y |
| | Proper Sample Containers | Y |
| | Within Holding Times | Y |
| | Adequate Sample Volume | Y |
| | Sample Integrity | Y |
| | Proper Temperature | Y |
| | Proper Preservative | Y |

COMMENTS

There were no qualifiers for this data and all samples met quality control criteria.

References:

"Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).

"Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.

"Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.

"American Society for Testing and Materials" (ASTM).

"Association of Analytical Chemists" (AOAC).

"Self-Davis and Moore" (2000).



Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

ANALYTICAL RESULTS

AIC No. 124963-1

Sample Identification: Pretreatment Tank 12-03-08 / 09:55

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | 0.012 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.7 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.7 | 0.067 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.7 | 0.013 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.7 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.7 | 0.029 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.7 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.7 | 0.011 | 0.002 | mg/l | S24460 | |



Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

SAMPLE PREPARATION REPORT

AIC No. 124963-1

| <u>Analyte</u> | <u>Date/Time Prepared By</u> | <u>Date/Time Analyzed By</u> | <u>Dilution</u> | <u>Batch</u> | <u>Qualifier</u> |
|----------------|----------------------------------|----------------------------------|-----------------|--------------|------------------|
| Total Cyanide | 08DEC08 1429 285 | 10DEC08 1148 285 | | W27377 | |
| Metals | 05DEC08 1121 270 | 12DEC08 1610 270 | | S24460 | |

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

| | | | | | |
|---|--|------------------------|--|---------------------------|--|
| Client: <u>Baxter Healthcare Corp</u> | | PO No. | ANALYSES REQUESTED | | PAGE <u>1</u> OF <u>1</u> |
| Project Reference: <u>Needles wastewater</u> | | SAMPLE MATRIX | NO OF BOTTLES | | AIC CONTROL NO: <u>124963</u> |
| Project Manager: <u>Carolyn Walker</u> | | | | | AIC PROPOSAL NO: |
| Sampled By: <u>W. P. Jones</u> | | WATER | 2 | | Carrier: <u>vel-x</u> |
| G R A B | | SOIL | | | |
| Date/Time Collected: <u>12-3-08 09:55</u> | | COMPOUND | ✓ Pb, Ni, Ag, Zn ✓ Cd, Cr, Cu ✓ T. Cyanide | | Received on Ice (4°C)? <u>YES</u> <u>2</u> NO |
| AIC No. <u>1</u> | | PRETREATMENT TANK | | | Remarks |
| Container Type | | | | | |
| Preservative | | | | | |
| G = Glass NO = none | | | | | |
| P = Plastic S = Sulfuric acid pH2 | | | | | |
| V = VOA vials N = Nitric acid pH2 | | | | | |
| H = HCl to pH2 B = NaOH to pH12 | | | | | |
| T = Sodium Thiosulfate Z = Zinc acetate | | | | | |
| Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN <u> </u> DAYS | | Reinquinshed | Date/Time | Received | Date/Time |
| Expedited results requested by: | | By: <u>W. P. Jones</u> | <u>12-4-08 1135</u> | By: <u>[Signature]</u> | <u>12-3-08 12:37pm</u> |
| Who should AIC contact with questions: <u>Carolyn Walker</u> | | Reinquinshed | Date/Time | Received in Lab | Date/Time |
| Phone: <u>870-424-5336</u> Fax: <u>870-424-5220</u> | | By: | | By: <u>Carolyn Walker</u> | <u>12-5-08 0830</u> |
| Report Attention to: <u>Carolyn Walker</u> | | Comments: | | | |
| Report Address to: <u>Baxter Healthcare Corp</u> <u>1900 N. Hwy 201</u> <u>W. Little Rock, AR 72653</u> | | | | | |

Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

ANALYTICAL RESULTS

AIC No. 124960-1

Sample Identification: Grinder Ndl Staging 12-3-08 / 10:25

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.8 | 0.016 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.8 | 0.019 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.8 | 0.16 | 0.002 | mg/l | S24460 | |

AIC No. 124960-2

Sample Identification: Hydroblast Rinse 1 12-3-08 / 10:33

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.8 | 0.33 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.8 | 0.024 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.8 | 0.19 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.8 | 0.020 | 0.002 | mg/l | S24460 | |

AIC No. 124960-3

Sample Identification: Spray Rinse 12-3-08 / 10:45

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Chromium | EPA 200.7 | 2.3 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.7 | 1.2 | 0.006 | mg/l | S24460 | |
| Nickel | EPA 200.7 | 1.1 | 0.01 | mg/l | S24460 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.8 | 0.88 | 0.002 | mg/l | S24460 | |

AIC No. 124960-4

Sample Identification: Hydroblast 2 12-3-08 / 10:53

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.8 | 0.10 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.8 | 0.0068 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.8 | 0.048 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.8 | 0.015 | 0.002 | mg/l | S24460 | |

Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

ANALYTICAL RESULTS

AIC No. 124960-5

Sample Identification: Oakite Bath 12-3-08 / 10:35

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.8 | < 0.006 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.8 | < 0.01 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Zinc | EPA 200.8 | 0.019 | 0.002 | mg/l | S24460 | |

AIC No. 124960-6

Sample Identification: Overflow Rinse 12-3-08 / 10:40

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | < 0.01 | 0.01 | mg/l | W27377 | |
| Zinc | EPA 200.7 | < 0.002 | 0.002 | mg/l | S24460 | |
| Cadmium | EPA 200.8 | < 0.004 | 0.004 | mg/l | S24460 | |
| Chromium | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |
| Copper | EPA 200.8 | < 0.006 | 0.006 | mg/l | S24460 | |
| Lead | EPA 200.8 | < 0.04 | 0.04 | mg/l | S24460 | |
| Nickel | EPA 200.8 | < 0.01 | 0.01 | mg/l | S24460 | |
| Silver | EPA 200.8 | < 0.007 | 0.007 | mg/l | S24460 | |

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

| Client: <u>Baxter Healthcare Corp</u> | | AIC CONTROL NO: <u>124960</u> | | PAGE <u>1</u> OF <u>1</u> | | | | | | | |
|--|----------------------------|-----------------------------------|---------|---|---------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---|-----------|
| Project Reference: <u>Needles Wastewater</u> | | AIC PROPOSAL NO: | | | | | | | | | |
| Project Manager: <u>Candlyn Walker</u> | | Carrier: <u>Uel-x</u> | | Received on Ice (4°C)? YES <u>2</u> NO | | | | | | | |
| Sampled By: <u>W. Jones</u> | | Remarks: | | | | | | | | | |
| AIC No. | Sample Identification | Date/Time Collected | G R A B | C O M P | NO OF BOTTLES | ANALYSES REQUESTED | Relinquished By: <u>Mohsin</u> | Date/Time <u>12-4-08 11:35</u> | Received By: <u>[Signature]</u> | Date/Time <u>11/4/2008</u> | |
| | | | | | | | | | | | W A T E R |
| 1 | <u>Grinder and Staging</u> | <u>12-3-08 10:25</u> | | | | | | | | | |
| 2 | <u>Hydroblast Rinse 1</u> | <u>12-3-08 10:33</u> | | | | | | | | | |
| 3 | <u>Spray Rinse</u> | <u>12-3-08 10:45</u> | | | | | | | | | |
| 4 | <u>Hydroblast 2</u> | <u>12-3-08 10:53</u> | | | | | | | | | |
| 5 | <u>Deakite Bath</u> | <u>12-3-08 10:35</u> | | | | | | | | | |
| 6 | <u>Drainflow Rinse</u> | <u>12-3-08 10:40</u> | | | | | | | | | |
| Container Type | | Preservative | | Field pH calibration | | on _____ @ _____ | | Buffer: | | | |
| G = Glass | | P = Plastic | | V = VOA vials | | H = HCl to pH2 | | B = NaOH to pH12 | | T = Sodium Thiosulfate | |
| NO = none | | S = Sulfuric acid pH2 | | N = Nitric acid pH2 | | Relinquished By: <u>Mohsin</u> | | Date/Time <u>12-4-08 11:35</u> | | Received in Lab By: <u>Leggo-Hepton</u> | |
| Turnaround Time Requested: (Please circle) | | NORMAL or EXPEDITED IN _____ DAYS | | Expedited results requested by: | | Relinquished By: | | Date/Time | | 0830 | |
| Who should AIC contact with questions: <u>Candlyn Walker</u> | | | | | | | | | | | |
| Phone: <u>870-424-5336</u> Fax: <u>870-424-5220</u> | | | | | | | | | | | |
| Report Attention to: <u>Candlyn Walker</u> | | | | | | | | | | | |
| Report Address to: <u>Baxter Healthcare Corp</u> | | | | | | | | | | | |
| <u>1900 N Hwy 201</u> | | | | | | | | | | | |
| <u>Maize Home, AR 72653</u> | | | | | | | | | | | |

Baxter Healthcare Corporation
1900 North Highway 201
Mountain Home, AR 72653

ANALYTICAL RESULTS

AIC No. 124962-1

Sample Identification: Grinder Wastewater 12-3-08 / 11:00

| Analyte | Method | Result | RL | Units | Batch | Qualifier |
|---------------|---------------|---------|-------|-------|--------|-----------|
| Total Cyanide | SM4500-CN C,E | 0.036 | 0.01 | mg/l | W27377 | |
| Cadmium | EPA 200.7 | < 0.004 | 0.004 | mg/l | S24463 | |
| Chromium | EPA 200.7 | 1.3 | 0.007 | mg/l | S24463 | |
| Copper | EPA 200.7 | 0.048 | 0.006 | mg/l | S24463 | |
| Lead | EPA 200.7 | < 0.04 | 0.04 | mg/l | S24463 | |
| Nickel | EPA 200.7 | 0.69 | 0.01 | mg/l | S24463 | |
| Silver | EPA 200.7 | < 0.007 | 0.007 | mg/l | S24463 | |
| Zinc | EPA 200.7 | 0.74 | 0.002 | mg/l | S24463 | |

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE 1 OF 1

| | | | | | | | |
|--|--|--------------------------------------|--|------------------------------------|--|--|--|
| Client: <u>Baxter Healthcare Corp</u> | | NO OF BOTTLES | | ANALYSES REQUESTED | | AIC CONTROL NO: <u>124962</u> | |
| Project Reference: <u>Needles waste water</u> | | SAMPLE MATRIX | | | | AIC PROPOSAL NO: | |
| Project Manager: <u>Carolyn Walker</u> | | WATER | | | | Carrier: <u>VEL-X</u> | |
| Sampled By: <u>M. Jim</u> | | SOIL | | | | Received on Ice (4°C)? <u>YES</u> NO | |
| AIC No. <u>1</u> | | COMB | | | | Remarks | |
| Sample Identification: <u>Grinder waste water</u> | | ✓ | | | | | |
| Date/Time Collected: <u>12-3-08</u> | | | | | | | |
| Container Type: <u>Plastic</u> | | | | | | | |
| Preservative: | | | | | | | |
| G = Glass NO = none | | V = VOA vials N = Nitric acid pH2 | | H = HCl to pH2 B = NaOH to pH12 | | T = Sodium Thiosulfate Z = Zinc acetate | |
| Turnaround Time Requested: (Please circle) <u>NORMAL</u> or EXPEDITED IN ___ DAYS | | Relinquished By: <u>M. Jim</u> | | Date/Time: <u>12-4-08 1135</u> | | Received By: <u>[Signature]</u> | |
| Expedited results requested by: | | Relinquished By: | | Date/Time | | Date/Time: <u>12-5-08 0830</u> | |
| Who should AIC contact with questions: <u>Carolyn Walker</u> | | Comments: | | | | | |
| Phone: <u>870-424-5336</u> Fax: <u>870-424-5220</u> | | | | | | | |
| Report Attention to: <u>Carolyn Walker</u> | | | | | | | |
| Report Address to: <u>Baxter Healthcare Corp</u> | | | | | | | |
| <u>1900 N Hwy 201</u> | | | | | | | |
| <u>Mtn Home, AR 72653</u> | | | | | | | |