Kimberly-Clark

Owensboro
An Advanced Concept Facility

June 23, 2004

2004 JUL -1 P 10: 55

RECEIVED BY KPDES BRANCH

Courtney Seitz
KY Department for Environmental Protection
Inventory and Data Management Section
KPDES Branch
Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

Reference: Kimberly-Clark Corporation, Owensboro Mill
KPDES Permit No. KY0095192
Daviess County, Kentucky

Dear Mr. Seitz,

Pursuant to the requirements of 401 KAR 5:060 Kimberly-Clark Corporation's Owensboro Mill hereby submits a completed application for renewal of our Kentucky Pollutant Discharge Elimination System (KPDES) Permit.

All analytical results identified as less than (<) indicate concentrations that were below detectable limits for the associated laboratory method.

Pursuant to the notification requirements of 40 CFR 430.94 Kimberly-Clark Corporation's Owensboro Mill hereby certifies that chlorophenolic-containing biocides are not used at the facility.

Should you have any questions or comments concerning the information submitted please contact Mark Crowder / Environmental Coordinator at (270) 764-4738 mcrowder@kcc.com or Richard McGuffin / Environmental Operations Leader at (270) 764-4475 rmcguffi@kcc.com .

Sincerely,

Raphael M Hill

Raphael M. Hill
Mill Manager

cc: Mark Crowder
John McKinnon

Receipt Confirmation: UPS #1Z4E64143710005240

Kimberly-Clark Corporation

601 Innovative Way Owensboro, Kentucky 42301
(270) 764-4400

Kimberly-Clark
Professional

Kentucky

Pollutant Discharge Elimination System

Permit Renewal Application

KPDES Permit #KY0095192
June, 2004

Kimberly-Clark Corporation
601 Innovative Way
Owensboro, KY 42301

DEP

KPDES FORM 1

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

This is an application to: (check one)

- ☐ Apply for a new permit.
- ☒ Apply for reissuance of expiring permit.
- ☐ Apply for a construction permit.
- ☐ Modify an existing permit.
  Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:
Form A, Form B, Form C, Form F, or Short Form C

For additional information contact: CMK 640
KPDES Branch (502) 564-3410

I. FACILITY LOCATION AND CONTACT INFORMATION	AGENCY USE	0	0	9	5	1	9	2
A. Name of business, municipality, company, etc. requesting permit **Kimberly-Clark Corporation**								
B. Facility Name and Location	C. Facility Owner/Mailing Address							
Facility Location Name: **Kimberly-Clark Corropation**	Owner Name: **Kimberly-Clark Corporation**							
Facility Location Address (i.e. street, road, etc.): **601 Innovative Way**	Mailing Street: **351 Phelps Drive**							
Facility Location City, State, Zip Code: **Owensboro, KY 42301**	Mailing City, State, Zip Code: **Irving, TX 75038**							
	Telephone Number: **(972) 281-1200**							

II. FACILITY DESCRIPTION

A. Provide a brief description of activities, products, etc: **This facility is an integrated recycled fiber deinking and paper mill with associated converting operations which manufacture bathroom tissues and towels.**

B. Standard Industrial Classification (SIC) Code and Description

Principal SIC Code & Description:	**2621**		
Other SIC Codes:	**2611**		

III. FACILITY LOCATION

A. Attach a U.S. Geological Survey 7 ½ minute quadrangle map for the site. (See instructions)

B. County where facility is located: **Daviess**	City where facility is located (if applicable): **Newman**
C. Body of water receiving discharge: **Ohio River and Green River**	
D. Facility Site Latitude (degrees, minutes, seconds): **37 degrees, 49 minutes, 19 seconds**	Facility Site Longitude (degrees, minutes, seconds): **87 degrees, 18 minutes, 13 seconds**
E. Method used to obtain latitude & longitude (see instructions):	**Topo map coordinates.**

F. Facility Dun and Bradstreet Number (DUNS #) (if applicable): **93-106-8332**

IV. OWNER/OPERATOR INFORMATION

A. Type of Ownership:
☐ Publicly Owned ☒ Privately Owned ☐ State Owned ☐ Both Public and Private Owned ☐ Federally owned

B. Operator Contact Information (See instructions)

Name of Treatment Plant Operator: **Richard J. McGuffin**	Telephone Number: **(270) 764-4475**
Operator Mailing Address (Street): **601 Innovative Way**	
Operator Mailing Address (City, State, Zip Code): **Owensboro, KY 42301**	
Is the operator also the owner? Yes ☐ No ☒	Is the operator certified? If yes, list certification class and number below. Yes ☒ No ☐
Certification Class: **IV**	Certification Number: **07175**

V. EXISTING ENVIRONMENTAL PERMITS

Current NPDES Number: **KY0095192**	Issue Date of Current Permit: **January 1, 2002**	Expiration Date of Current Permit: **December 31, 2004**
Number of Times Permit Reissued: **3**	Date of Original Permit Issuance: **August 1, 1991**	Sludge Disposal Permit Number: -
Kentucky DOW Operational Permit #: **KY0095192**	Kentucky DSMRE Permit Number(s): -	-

C. Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source	**C-91-193**	-
Solid or Special Waste	-	-
Hazardous Waste - Registration or Permit	**KYD985080837**	-

VI. DISCHARGE MONITORING REPORTS (DMRs)

KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). The information in this section serves to specifically identify the department, office or individual you designate as responsible for submitting DMR forms to the Division of Water.

A. Name of department, office or official submitting DMRs:	**DMR's are submitted by Raphael M. Hill – Mill Manager** **Mail forms to Mark Crowder – Environmental Coordinator**

B. Address where DMR forms are to be sent. (Complete only if address is different from mailing address in Section I.)

DMR Mailing Name:	**Mark Crowder – Environmental Coordinator**
DMR Mailing Street:	**601 Innovative Way**
DMR Mailing City, State, Zip Code:	**Owensboro, KY 42301**

DMR Official Telephone Number:	**Raphael M. Hill (270) 764-4400** **Mark Crowder (270) 764-4738**

VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount. Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category:	Filing Fee Enclosed:
Major Industry	**$640.00**

VIII. CERTIFICATION

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.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Raphael M. Hill / Mill Manager	**(270) 764-4400**
SIGNATURE Raphael M Hill	DATE: **June 23, 2004**

KPDES Permit No.: KY0095192
Kimberly-Clark Corporation
Owensboro Operations
Daviess County, Kentucky

N

1000 0 1000 2000

Scale in Feet

Source: USGS 7.5 Minute Quadrangle, Reed, KY-IND

KENTUCKY
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route

U. S. Route

State Route

KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

2004 JUL -1 P 10: 55

PERMIT APPLICATION

RECEIVED BY KPDES BRANCH

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: **Kimberly-Clark Corporation**	County: **Daviess**							
I. OUTFALL LOCATION	AGENCY USE							

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
001	**37**	**52**	**00**	**87**	**16**	**10**	**Ohio River**
002	**37**	**49**	**01**	**87**	**18**	**14**	**Green River**
003	**37**	**52**	**05**	**87**	**18**	**00**	**Green River**

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
001	**Recycled Fiber Deinking**	**0.085**		
	TM1 (Paper Machine)	**1.000**		
	TM2 (Paper Machine)	**0.850**		
	Boiler	**0.018**		
	HVAC Cooling Towers	**0.012**		
	Sludge Dewatering	**1.725**	**Screw Presses**	**1-G, 5-R, 5-Q**
			Mill Effluent Sump	**2-K**
			Primary Screen	**1-T**
			Primary Clarifiers	**1-U, 1-G**
			Aeration Basins	**3-A**
			Secondary Clarifiers	**1-U, 1-G**

001 continued			**Final Clarifier**	**1-H**
			Treated Effluent Recycle	**2-H (UV)**
			Treated Effluent Discharge	**4-A, 4-C**
002	**Mill Sanitary Sewers**	**0.0036**	**Surge Tank**	**1-O, 3-E**
			Sanitary Package Plant	**3-E, 2-K, 3-A, 1-U, 2-H, 5-A**
			Treated Effluent Discharge	**4-A**
003	**Storm Water**	**0.117**		
	HVAC Condensate			
	Fire System Water			
			Collection Basin	**1-U**
			Treated Effluent Discharge	**4-A, 2-K**

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☐ Yes (Complete the following table.) ☒ No (Go to Section III.)

OUTFALL NUMBER (list)	OPERATIONS CONTRIBUTING FLOW (list)	FREQUENCY		FLOW				
		Days Per Week (specify average)	Months Per Year (specify average)	Flow Rate (in mgd)		Total volume (specify with units)		Duration (in days)
				Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	

III. MAXIMUM PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☒ Yes (Complete Item III-B) List effluent guideline category:

☐ No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures of operation)?

☒ Yes (Complete Item III-C) ☐ No (Go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents the actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

MAXIMUM QUANTITY			Affected Outfalls (list outfall numbers)
Quantity Per Day	**Units of Measure**	**Operation, Product, Material, Etc. (specify)**	
280 (560)	**Tons/Day (Lbs/1000 lbs)**	**Deinked Tissue Production**	**001**
163 (326)	**Tons/Day (Lbs/1000 lbs)**	**Nonintegrated Tissue Production**	**001**

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders and grant or loan conditions.

☐ Yes (Complete the following table) ☒ No (Go to Item IV-B)

IDENTIFICATION OF CONDITION AGREEMENT, ETC.	AFFECTED OUTFALLS		BRIEF DESCRIPTION OF PROJECT	FINAL COMPLIANCE DATE	
	No.	Source of Discharge		Required	Projected

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.
NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered 5-18.

D. Use the space below to list any of the pollutants (refer to SARA Title III, Section 313) listed in Table C-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

OUTFALL NUMBER	TABLE C-3 POLLUTANT	SOURCE
001	Ammonia	**A small amount may be present in the effluent due to the use of urea as a nutrient in the wastewater treatment plant activated sludge process.**
	Chlorine	**Negligenble amount may be present in the effluent due to the intermittent use of sodium hypochlorite for filamentous bacteria control in the wastewater treatment plant activated sludge process.**
002	Ammonia	**A small amount may be present in the effluent due to the normal treatment of sanitary waste.**

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you use or produce, or expect to use or produce over the next 5 years as an immediate or final product or byproduct?

☐ Yes (List all such pollutants below) ☒ No (Go to Item VI-B)

B. Are your operations such that your raw materials, processes, or products can reasonably be expected to vary so that your discharge of pollutants may during the next 5 years exceed two times the maximum values reported in Item V?

☐ Yes (Complete Item VI-C) ☒ No (Go to Item VII)

C. If you answered "Yes" to Item VI-B, explain below and describe in detail to the best of your ability at this time the sources and expected levels of such pollutants which you anticipate will be discharged from each outfall over the next 5 years. Continue on additional sheets if you need more space.

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge of or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☒ Yes (Identify the test(s) and describe their purposes below) ☐ No (Go to Section VIII)

Acute toxicity testing is performed quarterly on the outfall #001 discharge in compliance with existing KPDES Permit conditions.

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

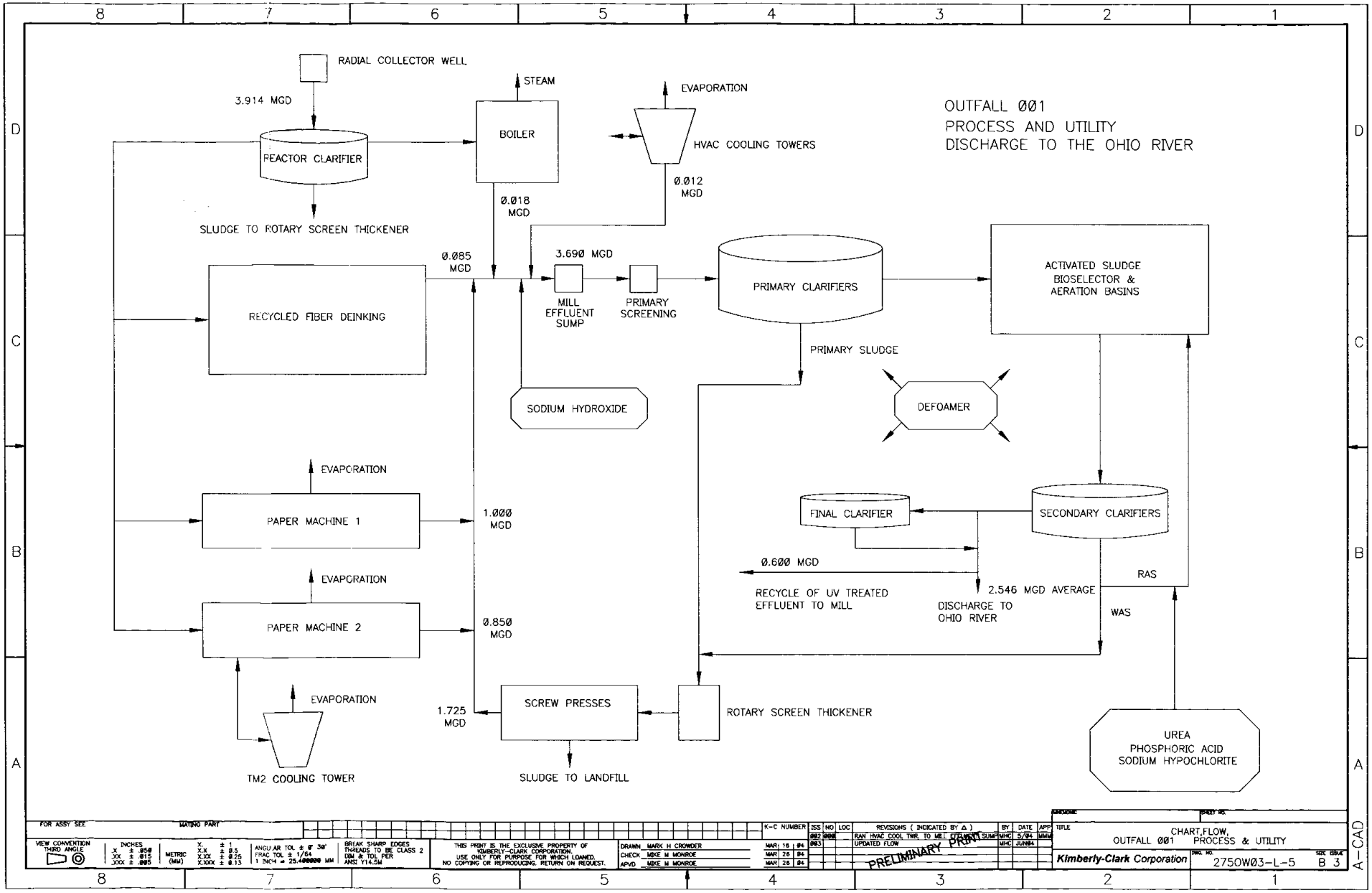
☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by each such laboratory or firm below) ☐ No (Go to Section IX)

NAME	ADDRESS	TELEPHONE (Area code & number)	POLLUTANTS ANALYZED (list)
McCoy & McCoy Laboratories, Inc.	**85 East Noel Ave., Madisonville, KY 42431**	**(270) 821-7375**	**All**

IX. CERTIFICATION

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.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Raphael M. Hill / Mill Manager	**(270) 764-4400**
SIGNATURE Raphael M. Hill	DATE **June 23, 2004**


OUTFALL 001
PROCESS AND UTILITY
DISCHARGE TO THE OHIO RIVER
RADIAL COLLECTOR WELL
3.914 MGD
REACTOR CLARIFIER
SLUDGE TO ROTARY SCREEN THICKENER
STEAM
BOILER
0.018 MGD
EVAPORATION
HVAC COOLING TOWERS
0.012 MGD
0.085 MGD
RECYCLED FIBER DEINKING
3.690 MGD
MILL EFFLUENT SUMP
PRIMARY SCREENING
PRIMARY CLARIFIERS
ACTIVATED SLUDGE BIOSELECTOR & AERATION BASINS
PRIMARY SLUDGE
SODIUM HYDROXIDE
DEFOAMER
EVAPORATION
PAPER MACHINE 1
1.000 MGD
EVAPORATION
PAPER MACHINE 2
0.850 MGD
FINAL CLARIFIER
SECONDARY CLARIFIERS
0.600 MGD
RECYCLE OF UV TREATED EFFLUENT TO MILL
2.546 MGD AVERAGE
DISCHARGE TO OHIO RIVER
RAS
WAS
EVAPORATION
TM2 COOLING TOWER
1.725 MGD
SCREW PRESSES
SLUDGE TO LANDFILL
ROTARY SCREEN THICKENER
UREA
PHOSPHORIC ACID
SODIUM HYPOCHLORITE
PRELIMINARY PRINT
FOR ASSY SEE
MATING PART
VIEW CONVENTION THIRD ANGLE
INCHES
METRIC (MM)
ANGULAR TOL ± 0° 30'
FRAC TOL ± 1/64
1 INCH = 25.400000 MM
BREAK SHARP EDGES
THREADS TO BE CLASS 2
DIM & TOL PER ANSI Y14.5M
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APVD MIKE M MONROE MAR 26 84
K-C NUMBER
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002 003
003
REVISIONS (INDICATED BY Δ)
RAN HVAC COOL TWR. TO MILL EFFLUENT SUMP
UPDATED FLOW
BY DATE APP
MHC 5/94 MMM
MHC JUN84
TITLE
CHART, FLOW, OUTFALL 001 PROCESS & UTILITY
Kimberly-Clark Corporation
DWG. NO. 2750W03-L-5
SIZE ISSUE B 3
A-CAD

KPDES FORM C

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C) — **OUTFALL NO. 001**

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Biochemical Oxygen Demand (BOD)	19	426.52	10.77	222.89	6.42	136.40	366	mg/	lbs/day			
b. Chemical Oxygen Demand (COD)	74	1,661.16					1	mg/l				
c. Total Organic Carbon (TOC)	21.4	480.39					1	mg/l				
d. Total Suspended Solids (TSS)	45	1,010.16	14.84	338.33	11.42	242.49	366	mg/l	lbs/day			
e. Ammonia (as N)	1.2	26.94						mg/l	lbs/day			
f. Flow (in units of MGD)	VALUE	3.371	VALUE	2.916	VALUE	2.546	366	MGD		VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°c		VALUE		
i. pH	MINIMUM 7.21	MAXIMUM 7.99	MINIMUM 7.56	MAXIMUM 7.79				STANDARD UNITS				

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)	X		3.1	69.68					1	mg/l	lbs/day			
b. Bromine Total Residual		X	.43	9.65					2	mg/l	lbs/day			
c. Chloride	X		36.7	823.84					1	mg/l	lbs/day			
d. Chlorine, Total Residual		X	.055	1.23					2	mg/l	lbs/day			
e. Color	X		38						1	ADMI				
f. Fecal Coliform		X	75						1	#/100ml				
g. Fluoride (16984-48-8)	X		0.43	9.65					1	mg/l	lbs/day			
h. Hardness (as $CaCO_3$)	X		530	11,897					1	mg/l	lbs/day			
i. Nitrate – Nitrite (as N)	X		2.4	53.88					2	mg/l	lbs/day			
j. Nitrogen, Total Organic (as N)	X		26.2	588.14					1	mg/l				
k. Oil and Grease		X	<2.0						1	mg/l				
l. Phosphorous (as P), Total 7723-14-0	X		1.9	46.93					1	mg/l	lbs/day			
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	a. Maximum Daily Value (2) Mass	b. Maximum 30-Day Value (if available) (1) Concentration	b. Maximum 30-Day Value (if available) (2) Mass	c. Long-Term Avg. Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (2) Mass	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value (1) Concentration	a. Long-Term Avg. Value (2) Mass	b. No. of Analyses
n. Sulfate (as SO_4) (14808-79-8)	X		185	4,153					1	mg/l	lbs/day			
o. Sulfide (as S)	X		<1.0						1	mg/l				
p. Sulfite (as SO_4) (14286-46-3)	X		4.0	89.79					1	mg/l	lbs/day			
q. Surfactants	X		0.16	359.17					1	mg/l	lbs/day			
r. Aluminum, Total (7429-90)	X		0.076	1.71					1	mg/l	lbs/day			
s. Barium, Total (7440-39-3)	X		0.058	1.43					1	mg/l	lbs/day			
t. Boron, Total (7440-42-8)	X		0.69	15.49					1	mg/l	lbs/day			
u. Cobalt, Total (7440-48-4)		X	<0.002						1	mg/l				
v. Iron, Total (7439-89-6)	X		0.502	11.27					1	mg/l	lbs/day			
w. Magnesium Total (7439-96-4)	X		20.3	455.70					1	mg/l	lbs/day			
x. Molybdenum Total (7439-98-7)		X	0.031	.70					1	mg/l	lbs/day			
y. Manganese, Total (7439-96-6)		X	0.002	0.04					1	mg/l	lbs/day			
z. Tin, Total (7440-31-5)		X	<0.005						1	mg/l				
aa. Titanium, Total (7440-32-6)		X	<0.002						1	mg/l				

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)	X			<0.002						1	mg/l				
2M. Arsenic, Total (7440-38-2)	X			0.004	0.09					1	mg/l	lbs/day			
3M. Beryllium Total (7440-41-7)	X			<0.002						1	mg/l				
4M. Cadmium Total (7440-43-9)	X			<0.002						1	mg/l				
5M. Chromium Total (7440-43-9)	X			<0.002						1	mg/l				
6M. Copper Total (7550-50-8)	X			<0.002						1	mg/l				
7M. Lead Total (7439-92-1)	X			<0.002						1	mg/l				
8M. Mercury Total (7439-97-6)	X			<0.0002						1	mg/l				
9M. Nickel, Total (7440-02-0)	X			<0.002						1	mg/l				
10M. Selenium, Total (7782-49-2)	X			<0.002						1	mg/l				
11M. Silver, Total (7440-28-0)	X			<0.002						1	mg/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)	X			<0.0005						1	mg/l				
13M. Zinc, Total (7440-66-6)	X			0.039	0.88					1	mg/l	lbs/day			
14M. Cyanide, Total (57-12-5)	X			<0.02						1	mg/l				
15M. Phenols, Total	X			<0.05						1	mg/l				
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)	X			DESCRIBE RESULTS: <1.6 pg/l											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)	X			<5.0						1	ug/l				
2V. Acrylonitrile (107-13-1)	X			<5.0						1	ug/l				
3V. Benzene (71-43-2)	X			<5.0						1	ug/l				
5V. Bromoform (75-25-2)	X			<5.0						1	ug/l				
6V. Carbon Tetrachloride (56-23-5)	X			<5.0						1	ug/l				
7V. Chloro-benzene (108-90-7)	X			<5.0						1	ug/l				
8V. Chlorodibro-momethane (124-48-1)	X			<5.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)	X			<5.0						1	ug/l				
10V. 2-Chloro-ethylvinyl Ether (110-75-8)	X			<5.0						1	ug/l				
11V. Chloroform (67-66-3)	X			<5.0						1	ug/l				
12V. Dichloro-bromomethane (75-71-8)	X			<5.0						1	ug/l				
14V. 1,1-Dichloroethane (75-34-3)	X			<5.0						1	ug/l				
15V. 1,2-Dichloroethane (107-06-2)	X			<5.0						1	ug/l				
16V. 1,1-Dichlorethylene (75-35-4)	X			<5.0						1	ug/l				
17V. 1,2-Di-chloropropane (78-87-5)	X			<5.0						1	ug/l				
18V. 1,3-Dichloropro-pylene (452-75-6)	X			<5.0						1	ug/l				
19V. Ethyl-benzene (100-41-4)	X			<5.0						1	ug/l				
20V. Methyl Bromide (74-83-9)	X			<5.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)	X			<5.0						1	ug/l				
22V. Methylene Chloride (75-00-2)	X			<5.0						1	ug/l				
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)	X			<5.0						1	ug/l				
24V. Tetrachloro-ethylene (127-18-4)	X			<5.0						1	ug/l				
25V. Toluene (108-88-3)	X			<5.0						1	ug/l				
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)	X			<5.0						1	ug/l				
27V. 1,1,1-Tri-chloroethane (71-55-6)	X			<5.0						1	ug/l				
28V. 1,1,2-Tri-chloroethane (79-00-5)	X			<5.0						1	ug/l				
29V. Trichloro-ethylene (79-01-6)	X			<5.0						1	ug/l				
30V. Vinyl Chloride (75-01-4)	X			<2.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)	X			<10.0						1	ug/l				
2A. 2,4-Dichlor-Orophenol (120-83-2)	X			<10.0						1	ug/l				
3A. 2,4-Dimeth-ylphenol (105-67-9)	X			<10.0						1	ug/l				
4A. 4,6-Dinitro-o-cresol (534-52-1)	X			<10.0						1	ug/l				
5A. 2,4-Dinitro-phenol (51-28-5)	X			<10.0						1	ug/l				
6A. 2-Nitro-phenol (88-75-5)	X			<10.0						1	ug/l				
7A. 4-Nitro-phenol (100-02-7)	X			<10.0						1	ug/l				
8A. P-chloro-m-cresol (59-50-7)	X			<10.0						1	ug/l				
9A. Pentachloro-phenol (87-88-5)	X			<10.0						1	ug/l				
10A. Phenol (108-05-2)	X			<10.0						1	ug/l				
11A. 2,4,6-Tri-chlorophenol (88-06-2)	X			<10.0						1	ug/l				
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)	X			<10.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (208-96-8)	X			<10.0						1	ug/l				
3B. Anthracene (120-12-7)	X			<10.0						1	ug/l				
4B. Benzidine (92-87-5)	X			<10.0						1	ug/l				
5B. Benzo(a)-anthracene (56-55-3)	X			<10.0						1	ug/l				
6B. Benzo(a)-pyrene (50-32-8)	X			<10.0						1	ug/l				
7B. 3,4-Benzo-fluoranthene (205-99-2)	X			<10.0						1	ug/l				
8B. Benzo(ghl) perylene (191-24-2)	X			<10.0						1	ug/l				
9B. Benzo(k)-fluoranthene (207-08-9)	X			<10.0						1	ug/l				
10B. Bis(2-chlor-oethoxy)-methane (111-91-1)	X			<10.0						1	ug/l				
11B. Bis (2-chlor-oisopropyl)-Ether	X			<10.0						1	ug/l				
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)	X			<10.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)	X			<10.0						1	ug/l				
14B. Butyl-benzyl phthalate (85-68-7)	X			<10.0						1	ug/l				
15B. 2-Chloro-naphthalene (7005-72-3)	X			<10.0						1	ug/l				
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)	X			<10.0						1	ug/l				
17B. Chrysene (218-01-9)	X			<10.0						1	ug/l				
18B. Dibenzo-(a,h) Anthracene (53-70-3)	X			<10.0						1	ug/l				
19B. 1,2-Dichloro-benzene (95-50-1)	X			<10.0						1	ug/l				
20B. 1,3-Dichloro-Benzene (541-73-1)	X			<10.0						1	ug/l				
21B. 1,4-Dichloro-benzene (106-46-7)	X			<10.0						1	ug/l				
22B. 3,3-Dichloro-benzidene (91-94-1)	X			<10.0						1	ug/l				
23B. Diethyl Phthalate (84-66-2)	X			<10.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)	X			<10.0						1	ug/l				
25B. Di-N-butyl Phthalate (84-74-2)	X			<10.0						1	ug/l				
26B. 2,4-Dinitro-toluene (121-14-2)	X			<10.0						1	ug/l				
27B. 2,6-Dinitro-toluene (606-20-2)	X			<10.0						1	ug/l				
28B. Di-n-octyl Phthalate (117-84-0)	X			<10.0						1	ug/l				
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)	X			<10.0						1	ug/l				
30B. Fluoranthene (208-44-0)	X			<10.0						1	ug/l				
31B. Fluorene (86-73-7)	X			<10.0						1	ug/l				
32B. Hexachloro-benzene (118-71-1)	X			<10.0						1	ug/l				
33B. Hexachloro-butadiene (87-68-3)	X			<10.0						1	ug/l				
34B. Hexachloro-cyclopenta-diene (77-47-4)	X			<10.0						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)	X			<10.0						1	ug/l				
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)	X			<10.0						1	ug/l				
37B. Isophorone (78-59-1)	X			<10.0						1	ug/l				
38B. Napthalene (91-20-3)	X			<10.0						1	ug/l				
39B. Nitrobenzene (98-95-3)	X			<10.0						1	ug/l				
40B. N-Nitrosodimethylamine (62-75-9)	X			<10.0						1	ug/l				
41B. N-nitrosodi-n-propylamine (621-64-7)	X			<10.0						1	ug/l				
42B. N-nitrosodiphenylamine (86-30-6)	X			<10.0						1	ug/l				
43B. Phenanthrene (85-01-8)	X			<10.0						1	ug/l				
44B. Pyrene (129-00-0)	X			<10.0						1	ug/l				
45B. 1,2,4 Trichlorobenzene (120-82-1)	X			<10.0						1	ug/l				

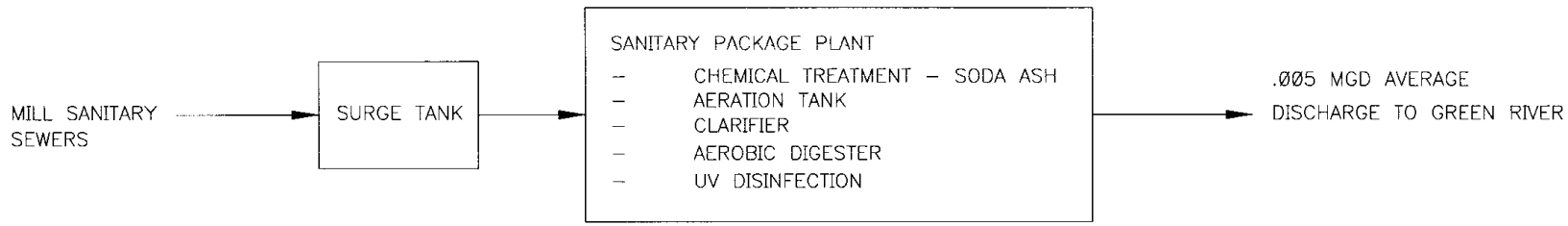
Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)	X			<0.50						1	ug/l				
2P. α-BHC (319-84-6)	X			<0.50						1	ug/l				
3P. β-BHC (58-89-9)	X			<0.50						1	ug/l				
4P. gamma-BHC (58-89-9)	X			<0.50						1	ug/l				
5P. δ-BHC (319-86-8)	X			<0.50						1	ug/l				
6P. Chlordane (57-74-9)	X			<0.50						1	ug/l				
7P. 4,4'-DDT (50-29-3)	X			<0.50						1	ug/l				
8P. 4,4'-DDE (72-55-9)	X			<0.50						1	ug/l				
9P. 4,4'-DDD (72-54-8)	X			<0.50						1	ug/l				
10P. Dieldrin (60-57-1)	X			<0.50						1	ug/l				
11P. α-Endosulfan (115-29-7)	X			<0.50						1	ug/l				
12P. β-Endosulfan (115-29-7)	X			<0.50						1	ug/l				
13P. Endosulfan Sulfate (1031-07-8)	X			<0.50						1	ug/l				
14P. Endrin (72-20-8)	X			<0.50						1	ug/l				

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)	X			<0.50						1	ug/l				
16P Heptachlor (76-44-8)	X			<0.50						1	ug/l				
17P. Heptaclor Epoxide (1024-57-3)	X			<0.50						1	ug/l				
18P. PCB-1242 (53469-21-9)	X			<0.00006						1	ug/l				
19P. PCB-1254 (11097-69-1)	X			<0.00006						1	ug/l				
20P. PCB-1221 (11104-28-2)	X			<0.00006						1	ug/l				
21P. PCB-1232 (11141-16-5)	X			<0.00006						1	ug/l				
22P. PCB-1248 (12672-29-6)	X			<0.00006						1	ug/l				
23P. PCB-1260 (11096-82-5)	X			<0.00006						1	ug/l				
24P. PCB-1016 (12674-11-2)	X			<0.00006						1	ug/l				
25P. Toxaphene (8001-35-2)	X			<3.0						1	ug/l				

OUTFALL 002
SANITARY WASTEWATER
DISCHARGE TO THE GREEN RIVER



FOR ASSY SEE | MATING PART | K-C NUMBER

ISS	NO	LOC	REVISIONS (INDICATED BY Δ)	BY	DATE	APP
002			ADDED CHEMICAL TREAT - UPDATED FLOW	MHC		

PRELIMINARY PRINT

VIEW CONVENTION THIRD ANGLE

INCHES: .X ± .050, .XX ± .015, .XXX ± .005 | METRIC (MM): X.X ± 0.5, X.XX ± 0.25, X.XXX ± 0.13

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APVD MIKE M MONROE MAY 26 94

TITLE: CHART,FLOW, OUTFALL 002 SANITARY WASTEWATER

Kimberly-Clark Corporation

DWG. NO. 2750W03-L-6 SIZE B ISSUE 2

A-CAD

KPDES FORM C

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C) — **OUTFALL NO. 002**

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Biochemical Oxygen Demand (BOD)	2	0.08					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	29	1.21					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	8.1	0.34					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	12	0.80	5	.21	5	0.21	12	mg/l	lbs/day			
e. Ammonia (as N)	0.4	0.17	1	0.11	0.48	0.02	1	mg/l	lbs/day			
f. Flow (in units of MGD)	VALUE	0.013	VALUE	0.006	VALUE	0.005	366		MGD	VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE				°c	VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE				°c	VALUE		
i. pH	MINIMUM 6.83	MAXIMUM 7.93	MINIMUM 6.83	MAXIMUM 7.93			12	STANDARD UNITS				

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color	X		65							ADMI				
f. Fecal Coliform	X		<1	0.04	20	0.83	10.29	0.43	13	#/100	#/100			
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		200	8.35					1	mg/l	lbs/day			
i. Nitrate – Nitrite (as N)	X		130	5.42					1	mg/l	lbs/day			
j. Nitrogen, Total Organic (as N)	X		24	1.00					1	mg/l	lbs/day			
k. Oil and Grease	X		2	0.08					1	mg/l	lbs/day			
l. Phosphorous (as P), Total 7723-14-0	X		101.9	4.25										
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
n. Sulfate (as SO_4) (14808-79-8)		X												
o. Sulfide (as S)		X												
p. Sulfite (as SO_4) (14286-46-3)		X												
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium Total (7440-41-7)			X												
4M. Cadmium Total (7440-43-9)			X												
5M. Chromium Total (7440-43-9)			X												
6M. Copper Total (7550-50-8)			X												
7M. Lead Total (7439-92-1)			X												
8M. Mercury Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-28-0)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)			X												
27V. 1,1,1-Tri-chloroethane (71-55-6)			X												
28V. 1,1,2-Tri-chloroethane (79-00-5)			X												
29V. Trichloro-ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichlor-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (105-67-9)			X												
4A. 4,6-Dinitro-o-cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo(a)-anthracene (56-55-3)			X												
6B. Benzo(a)-pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo(ghl) perylene (191-24-2)			X												
9B. Benzo(k)-fluoranthene (207-08-9)			X												
10B. Bis(2-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

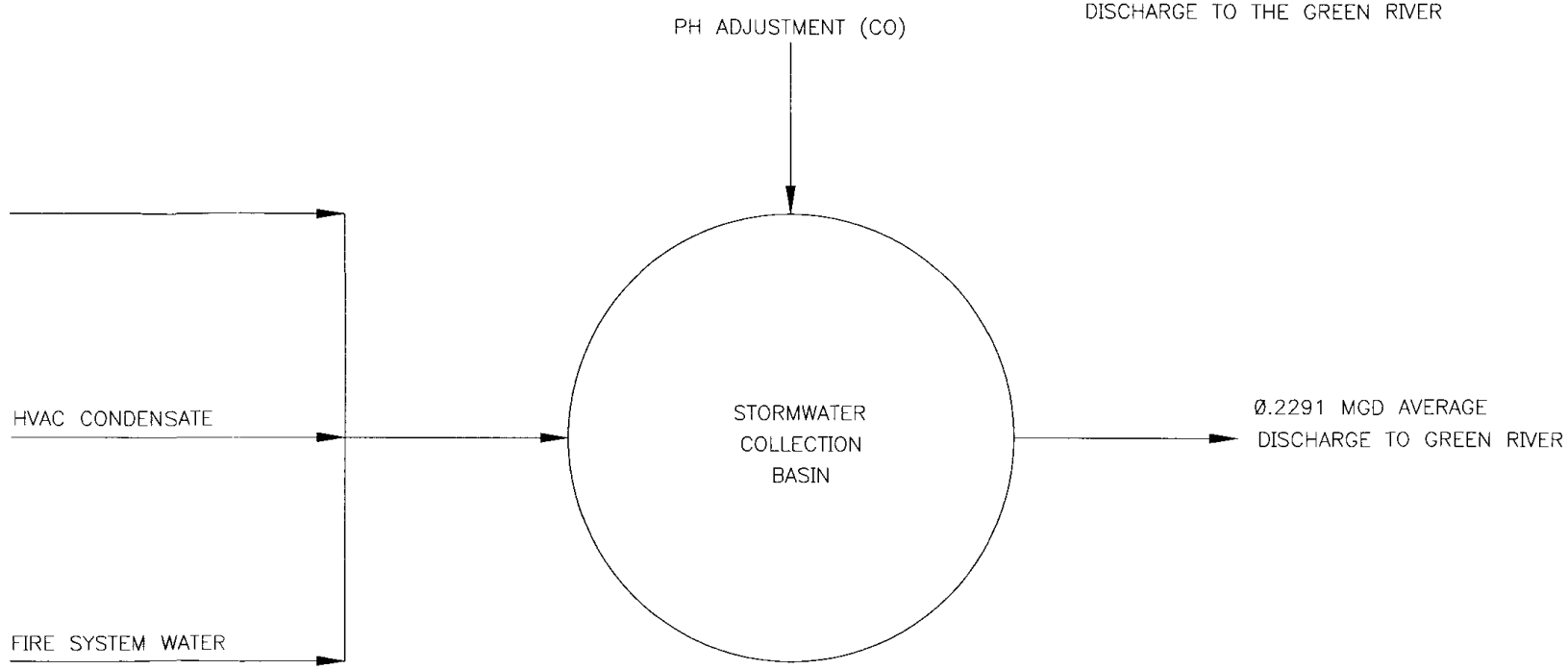
Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachlo-roethane (67-72-1)			X												
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Napthalene (91-20-3)			X												
39B. Nitro-benzene (98-95-3)			X												
40B. N-Nitroso-dimethyl-amine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitro-sodiphenyl-amine (86-30-6)			X												
43B. Phenan-threne (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Tri-chloro-benzene (120-82-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			X												
4P. gamma-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												



FOR ASSY SEE | MATING PART

VIEW CONVENTION THIRD ANGLE

INCHES .X ± .050 .XX ± .015 .XXX ± .005 | METRIC (MM) X. ± 1 X.X ± 0.5 X.XX ± 0.25 X.XXX ± 0.13

ANGULAR TOL ± 0° 30' FRAC TOL ± 1/64 1 INCH = 25.400000 MM

BREAK SHARP EDGES THREADS TO BE CLASS 2 DIM & TOL PER ANSI Y14.5M

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PRELIMINARY PRINT

MNEMONIC | SHEET NO.

TITLE OUTFALL ØØ3 CHART,FLOW, STORMWATER HVAC CONDENSATE & FIRE

Kimberly-Clark Corporation

DWG. NO. 2750WØ3-L-7 SIZE B ISSUE 2

A-CAD

KPDES FORM C

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C) — **OUTFALL NO. 003**

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (specify if blank)		4. INTAKE (optional)		
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Biochemical Oxygen Demand (BOD)	7	63.38					1	mg/l	lbs/day			
b. Chemical Oxygen Demand (COD)	39	353.12					1	mg/l	lbs/day			
c. Total Organic Carbon (TOC)	5.74	51.97					1	mg/l	lbs/day			
d. Total Suspended Solids (TSS)	61	552.31					1	mg/l	lbs/day			
e. Ammonia (as N)	<1.0						1	mg/l				
f. Flow (in units of MGD)	VALUE	8.219	VALUE	.437	VALUE	0.299	12	MGD		VALUE		
g. Temperature (winter)	VALUE		VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE		VALUE		VALUE			°c		VALUE		
i. pH	MINIMUM 6.94	MAXIMUM 8.46	MINIMUM	MAXIMUM				STANDARD UNITS				

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		6. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		X												
c. Chloride		X												
d. Chlorine, Total Residual		X												
e. Color	X		25						1	ADMI				
f. Fecal Coliform		X												
g. Fluoride (16984-48-8)		X												
h. Hardness (as $CaCO_3$)	X		80	724.35	110	274.61	84	209.70	13	mg/l	lbs/day			
i. Nitrate – Nitrite (as N)	X		0.23	2.08					1	mg/l	lbs/day			
j. Nitrogen, Total Organic (as N)	X		25.6	231.79					1	mg/l	lbs/day			
k. Oil and Grease		X												
l. Phosphorous (as P), Total 7723-14-0		X	0.5	4.53					1	mg/l	lbs/day			
m. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium Total		X												
(4) Radium, 226, Total		X												

Part B - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
n. Sulfate (as SO_4) (14808-79-8)	X		28	253.52					1	mg/l	lbs/day			
o. Sulfide (as S)		X	<1.0						1	mg/l				
p. Sulfite (as SO_4) (14286-46-3)		X	4	36.22					1	mg/l	lbs/day			
q. Surfactants		X												
r. Aluminum, Total (7429-90)		X												
s. Barium, Total (7440-39-3)		X												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		X												
v. Iron, Total (7439-89-6)		X												
w. Magnesium Total (7439-96-4)		X												
x. Molybdenum Total (7439-98-7)		X												
y. Manganese, Total (7439-96-6)		X												
z. Tin, Total (7440-31-5)		X												
aa. Titanium, Total (7440-32-6)		X												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X: in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS															
1M. Antimony Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium Total (7440-41-7)			X												
4M. Cadmium Total (7440-43-9)			X												
5M. Chromium Total (7440-43-9)			X												
6M. Copper Total (7550-50-8)			X												
7M. Lead Total (7439-92-1)			X												
8M. Mercury Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-28-0)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
METALS, CYANIDE AND TOTAL PHENOLS (Continued)															
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)			X												
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8 Tetra-chlorodibenzo, P, Dioxin (1784-01-6)			X	DESCRIBE RESULTS:											
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Acrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)			X												
7V. Chloro-benzene (108-90-7)			X												
8V. Chlorodibro-momethane (124-48-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			X												
10V. 2-Chloro-ethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)			X												
12V. Dichloro-bromomethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)			X												
15V. 1,2-Dichloroethane (107-06-2)			X												
16V. 1,1-Dichlorethylene (75-35-4)			X												
17V. 1,2-Di-chloropropane (78-87-5)			X												
18V. 1,3-Dichloropro-pylene (452-75-6)			X												
19V. Ethyl-benzene (100-41-4)			X												
20V. Methyl Bromide (74-83-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			X												
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2-Tetrachloro-ethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloro-ethylene (156-60-5)			X												
27V. 1,1,1-Tri-chloroethane (71-55-6)			X												
28V. 1,1,2-Tri-chloroethane (79-00-5)			X												
29V. Trichloro-ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chloro-phenol (95-57-8)			X												
2A. 2,4-Dichlor-Orophenol (120-83-2)			X												
3A. 2,4-Dimeth-ylphenol (105-67-9)			X												
4A. 4,6-Dinitro-o-cresol (534-52-1)			X												
5A. 2,4-Dinitro-phenol (51-28-5)			X												
6A. 2-Nitro-phenol (88-75-5)			X												
7A. 4-Nitro-phenol (100-02-7)			X												
8A. P-chloro-m-cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X												
11A. 2,4,6-Tri-chlorophenol (88-06-2)			X												
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acena-phthene (83-32-9)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
2B. Acenaphtylene (208-96-8)			X												
3B. Anthracene (120-12-7)			X												
4B. Benzidine (92-87-5)			X												
5B. Benzo(a)-anthracene (56-55-3)			X												
6B. Benzo(a)-pyrene (50-32-8)			X												
7B. 3,4-Benzo-fluoranthene (205-99-2)			X												
8B. Benzo(ghl) perylene (191-24-2)			X												
9B. Benzo(k)-fluoranthene (207-08-9)			X												
10B. Bis(2-chlor-oethoxy)-methane (111-91-1)			X												
11B. Bis (2-chlor-oisopropyl)-Ether			X												
12B. Bis (2-ethyl-hexyl)-phthalate (117-81-7)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
13B. 4-Bromo-phenyl Phenyl ether (101-55-3)			X												
14B. Butyl-benzyl phthalate (85-68-7)			X												
15B. 2-Chloro-naphthalene (7005-72-3)			X												
16B. 4-Chloro-phenyl phenyl ether (7005-72-3)			X												
17B. Chrysene (218-01-9)			X												
18B. Dibenzo-(a,h) Anthracene (53-70-3)			X												
19B. 1,2-Dichloro-benzene (95-50-1)			X												
20B. 1,3-Dichloro-Benzene (541-73-1)			X												
21B. 1,4-Dichloro-benzene (106-46-7)			X												
22B. 3,3-Dichloro-benzidene (91-94-1)			X												
23B. Diethyl Phthalate (84-66-2)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
24B. Dimethyl Phthalate (131-11-3)			X												
25B. Di-N-butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-toluene (121-14-2)			X												
27B. 2,6-Dinitro-toluene (606-20-2)			X												
28B. Di-n-octyl Phthalate (117-84-0)			X												
29B. 1,2-diphenyl-hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			X												
31B. Fluorene (86-73-7)			X												
32B. Hexachloro-benzene (118-71-1)			X												
33B. Hexachloro-butadiene (87-68-3)			X												
34B. Hexachloro-cyclopenta-diene (77-47-4)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indneo-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Napthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodi-n-propylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			X												
4P. gamma-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Endosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												

Part C – Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (optional)		
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION – PESTICIDES															
15P. Endrin Aldehyde (7421-93-4)			X												
16P Heptachlor (76-44-8)			X												
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												