



PPG Industries, Inc. Chemicals P.O. Box 1000 Lake Charles, Louisiana 70602

Bill Peard
Manager
Laboratory Services/Environmental

January 10, 1990

U. S. Environmental Protection Agency
Water Management Division
Enforcement Branch (6WE)
Allied Bank Tower at Fountain Place
1445 Ross Avenue
Dallas, TX 75202-2733

SUBJECT: DMR-LA0000761

Dear Sir:

Attached is the DMR for December, 1989 and explanations of a number of permit limit excursions resulting from extremely cold weather and weather-related emergency fuel shortage shutdowns.

<u>Outfall</u>	<u>Parameter</u>	<u>Excursion</u>
001	pH	1
004	pH	1
101	TSS	4 Max., Daily Avg.
101	TRC	2 Max., Daily Avg.
101	Hg	1 Max.
201	TSS	2 Max.

Also attached are results of quarterly acute bioassays performed on Process Outfalls 101 and 201. The report for Outfall 101 completes the permit requirement of two years of screen/definitive tests.

If you have any questions concerning this report, please contact Mark W. Wood at 318-491-4450.

Respectfully,


William J. Peard
Manager, Laboratory Services/
Environmental Control

WJP/1289DMR/MWW/vc

Attachments

SL 024699

ATTACHMENT I
EXPLANATION OF EXCURSION

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>	<u>EXPLANATION</u>
12/23/89	001	pH, Cont.	6-9 S.U.,	80 min.	(See Below)
			>60 min.		

Freeze-related process equipment malfunctions allowed excessive alkali discharges from the Plant A Caustic Production Unit. Freezing conditions also caused malfunction of automated titration instrumentation which would normally indicate the problem. When downstream pH monitors detected the discharge, the quantity of alkali lost was over the capacity of the pH neutralization system. The excursion average pH was 9.8 with a maximum of 10.5 S.U.

SL 024700

ATTACHMENT II
EXPLANATION OF EXCURSION

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>	<u>EXPLANATION</u>
12-27-89	004	pH, Cont.	6-9 S.U.	276 min.	(See Below)
			>60 min.		

Alkalinity resulting from a line leak could not be controlled due to pH control instrumentation failure. The hard freeze during late December froze pneumatic control lines that open and close one of the acid addition valves of the system. Emergency repair efforts revealed the other acid valve's control had shorted out due to freezing and thawing. Control of pH resumed upon completion of repairs. Due to this incident, a manual bypass will be installed around the automatic acid addition system. Also, operation of the valves will be verified at the beginning of each shift.

ATTACHMENT III
EXPLANATION OF EXCURSION

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>	<u>EXPLANATION</u>
12-19-89	101	TSS, 24 hr Comp.	3021#/day	+866 #/day (See Below)	

These solids resulted from losses from temporary control measures necessitated by sewer repair. A 375 foot section of 24 inch sewer was plugged and hydroblasted. A vacuum truck was used to collect the water and solids during this operation but subsequent decanting was not as effective as expected.

12-26-89	101	TSS, 24 hr Comp.	3021#/day	+955 #/day (See Below)	
12-27-89	101	TSS, 24 hr Comp.	3021#/day	+1852 #/day (See Below)	
12-28-89	101	TSS, 24 hr Comp.	3021#/day	+9609 #/day (See Below)	

These three excursions resulted from emergency power operations. The weather-caused fuel shortage drastically reduced available power to the point production was halted. This curtailed the normal source of condensate (evaporation of NaOH solution) for even minimal steam power generation required for safety and loss prevention. The normal alternative is to distill clarified Sabine River water in the Evaporation System but the supply line was disabled by freezing. Raw Calcasieu River Water was then utilized, resulting in the discharge of quantities of river sediment from the evaporators.

December, 1989	101	TSS, daily average	1431#/day	+1850 #/day (See Below)	
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The above daily max. excursions resulted in the exceedence of the daily average.

12-26-89	101	TRC, grab	30.1#/day	+157.8#/day (See Below)	
12-28-89	101	TRC, grab	30.1#/day	+ 38.2#/day (See Below)	

A review of operator control testing as well as Environmental Laboratory follow-up testing on both occasions indicate the above-listed excursions were short-duration events. The spikes have been attributed to "blinding" of the chlorine controller probes due to cloudiness in the wastewater. The turbidity/color was due to poor quality dechlorinating reagent (Na2S2O3) and the suspended solids from emergency power production (See TSS @ Outfall 101). The reagent source was an alternate vendor and will no longer be used.

ATTACHMENT III, PAGE 2
EXPLANATION OF EXCURSION

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>	<u>EXPLANATION</u>
December 1989	101	TRC, daily average	18.2#/day	+3.3 #/day (See Below)	

The two daily max. excursions resulted in the exceedence of the daily average.

12-27-89	101	Hg, 24 hr. Comp.	0.30#/day	+0.21#/day (See Below)	
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The Mercury Cell Unit was down during this period due to emergency weather conditions (natural gas demand during extreme cold weather), but the wastewater treatment system was operating. Also, the combined Mercury Cell sewer downstream of the monitoring locations was being relined. In order to accomplish relining while in use, a portable pump was used to route water around the segment under repair. A leaking storm valve allowed some untreated wastewater to enter the downstream segment under repair. This situation would normally be detected, but the downstream backup sample site was out of service due to repair. This mercury discharge was ultimately found when the portable pump lost prime several times, allowing the normally downstream flow to back up into the NPDES monitoring location.

Upon detection, the leaking valve was tightened, the line plugged, and closure verified with dye checks. Contaminated wastewater was transferred from segments of the sewer system by vacuum truck and portable pumps to treatment.

Although caused by a unique set of abnormal circumstances, recurrence will be prevented by confirming the storm valve is properly seated each time it is closed. This will be accomplished by collecting grab samples downstream.

ATTACHMENT IV
EXPLANATION OF EXCURSION

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>	<u>EXPLANATION</u>
12-26-89	201	TSS, 24 hr. Comp.	11,465#/day	+668#/day	(See Below)
12-27-89	201	TSS, 24 hr. Comp.	11,465#/day	+869#/day	(See Below)

Essentially, the entire Complex was shut down due to severe freezing and curtailment of the natural gas supply. Internal acid inventory was depleted for pH control and an additional 28 tank trucks of strong HCl were purchased in order to maintain the main outfall pH during the start-up operations. These efforts wer not sufficient to maintain a low enough pH to prevent precipitation of normally dissolved calcium and iron in this internal Process Outfall.

The entire weather emergency situation is being reviewed to develop a plan for handling similar circumstances.

SL 024704

WASTE NAME/ADDRESS (Include Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 540-0004
Approval expires 12-31-87

PPG IND.
P.O. BOX 1000
LAKE CHARLES, LA. 70602

LA00000761
PERMIT NUMBER

001 A
DISCHARGE NUMBER

F - FINAL
PPG CANAL

CITY
LOCATION

MONITORING PERIOD						
FROM				TO		
YEAR	MO	DAY		YEAR	MO	DAY
1989	12	01		1989	12	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

TOM G. BROWN, WORKS MANAGER

MAJOR
NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT (38-43)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-64)	FREQUENCY OF ANALYSIS (65-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER	SAMPLE MEASUREMENT	*****	*****		*****	*****	82		NA	CONTINUOUS
111 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MX	DEG. F		CONTINUOUS
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		5.9 ▼	*****	10.5 ▼▼	1	CONTINUOUS	RCOI
100 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		CONTINUOUS	RCORDR
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	162	218		MINIMUM	*****	MAXIMUM	SU	NA	CONTINUOUS
IN CONDUIT OR TREATMENT PLANT	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****	CONTINUOUS	RCORDR
50 1 0 0	SAMPLE MEASUREMENT									
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC 1001 AND 1519. Penalties under these statutes may include fines up to \$100,000 and a maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
318 491-4500

AREA CODE

NUMBER

DATE

90 / 1 / 41

STATE AND EXPLANATION OF ANY VIOLATIONS (If from all attachments here)

PH OUTSIDE LIMITS FOR 313 MIN/MO
HERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM EXCEPT IN TRACE AMOUNTS.
NOT A VIOLATION AS EXCURSION WAS <60 MIN. SEE ATTACHMENT FOR EXPLANATION. ▼▼

SL 024705

(1) TITLE NAME/ADDRESS (Include Name/Location if different)

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

LA0000761

PERMIT NUMBER

002 A

DISCHARGE NUMBER

F - FINAL

CALCASIEU SHIP CHANNEL

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

ITY
TION

TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
1989	12	01	1989	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MAJOR

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00 1 0 0 LUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		9.6	*****	9.6		0	ONCE/ GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	11.0 MAXIMUM	SU		ONCE/ GRAB
SL 024706	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
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	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

(1) TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1011. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA
CODE

NUMBER

DATE

90 / 11

YEAR

MO

DAY

CONTENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TITLE NAME/ADDRESS (Include Name/Location if different)

PEP IND
P. O. BOX 1000
LAKE CHARLES, LA. 70602

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

LA0000761
PERMIT NUMBER

003 A
DISCHARGE NUMBER

F - FINAL

Form Approved
OMB No. 40-0004
Approval expires 12-31-87

CALCASIEU SHIP CHANNEL/BARGE

CITY
LOCATION

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	1989	12	01		1989	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
100 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.2	*****	8.3	0	THREE WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	0	THREE WEEK	GRAB
SL 024707	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
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	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC 1001 AND 3305C 1319 Penalties under these statutes may include fines up to \$10,000 and a maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA CODE

NUMBER

DATE

90 1 11

YEAR MO DAY

IDENTIFY AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

WASTE NAME/ADDRESS (Include Name/Location if different)

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) LA0000761 (17-19) 004 A
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

BAYOU VERDINE (OLIN DITCH)

CITY
LOCATION

TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD
FROM 1989 12 01 TO 1989 12 31
(20-21) (22-21) (24-25) (26-27) (28-29) (30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT (46-53)	QUANTITY OR LOADING (54-61)			QUALITY OR CONCENTRATION (62-69)			UNITS	NO. EX (62-64)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
00 1 0 0 EFFLUENT GROSS VALUE IN CONDUIT OR TREATMENT PLANT	SAMPLE MEASUREMENT	*****	*****		2.5	*****	10.3		1	CONTINUOUS	RECORDED
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		CONTINUOUS	RECORDED
50 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	24.2	58.8		*****	*****	*****		NA	CONTINUOUS	RECORDED
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	RECORDED
		30DA AVG	DAILY MX	MGD				****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4600

AREA CODE

NUMBER

DATE

10 / 11

YEAR MO DAY

STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NOT A VIOLATION AS EXCURSION WAS <60 MIN. pH OUTSIDE LIMITS FOR 297 MIN/MO
SEE ATTACHMENT FOR EXPLANATION.

WASTE NAME/ADDRESS (Include Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 40-0004
Approval expires 12-31-87

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

LA0000761
PERMIT NUMBER

101 A
DISCHARGE NUMBER

F - FINAL
PPG CANAL PLANT A

NAME
TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD
FROM 1989 12 01 TO 1989 12 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR
NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
IDS TOTAL ENDED 30 2 0 0 LUENT NET VALUE PER TOTAL (CU)	SAMPLE MEASUREMENT	3281	13231 ▼		*****	*****	*****	4 ▼	THREE/ WEEK	COMP24
	PERMIT REQUIREMENT	1431 DAILY AV	3021 DAILY MX	LBS/DY	*****	*****	*****	**** ****	THREE/ WEEK	COMP24
42 2 0 0 LUENT NET VALUE KEL TOTAL (NI)	SAMPLE MEASUREMENT	0.54	1.21		*****	*****	*****	0	THREE/ WEEK	COMP
	PERMIT REQUIREMENT	9.8 DAILY AV	23.9 DAILY MX	LBS/DY	*****	*****	*****	**** ****	THREE/ WEEK	COMP24
67 2 0 0 LUENT NET VALUE W, IN CONDUIT OR U TREATMENT PLANT	SAMPLE MEASUREMENT	1.01	1.85		*****	*****	*****	0	THREE/ WEEK	COMP24
	PERMIT REQUIREMENT	7.4 DAILY AV	19.3 DAILY MX	LBS/DY	*****	*****	*****	**** ****	THREE/ WEEK	COMP24
50 2 0 0 LUENT NET VALUE ORINE TOTAL IDUAL	SAMPLE MEASUREMENT	3.16	5.15		*****	*****	*****	NA	CONTI NUOUS	RCORDE
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	**** ****	CONTI NUOUS	RCORDE
60 2 0 0 LUENT NET VALUE CURY, TOTAL HG)	SAMPLE MEASUREMENT	21.5 ▼	187.9 ▼		*****	*****	*****	2 ▼	THREE/ WEEK	GRAB
	PERMIT REQUIREMENT	18.2 DAILY AV	30.1 DAILY MAX	LBS/DY	*****	*****	*****	**** ****	THREE/ WEEK	GRAB
00 2 0 0 LUENT NET VALUE	SAMPLE MEASUREMENT	0.083	0.508		*****	*****	*****	1 ▼	THREE/ WEEK	COMP24
	PERMIT REQUIREMENT	0.13 DAILY AV	0.30 DAILY MX	LBS/DY	*****	*****	*****	**** ****	THREE/ WEEK	COMP24
SL 024709	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

E/TITLE PRINCIPAL EXECUTIVE OFFICER
T.G. BROWN
WORKS MANAGER
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE
318 491-4500
AREA CODE NUMBER

DATE
90 1 11
YEAR MO DAY

CONTENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE ATTACHMENTS FOR EXPLANATIONS.

TITLE NAME/ADDRESS (Include Name/Location of discharger)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

LA0000761

PERMIT NUMBER

201 A

DISCHARGE NUMBER

F - FINAL

PPG CANAL PLANT B

ITY
TION

TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	1989	12	01		1989	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (34-35)			(4 Card Only) QUALITY OR CONCENTRATION (38-43)			NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-45)	SAMPLE TYPE (46-47)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		
5-DAY DEG. C)	SAMPLE MEASUREMENT	▼	▼		*****	*****	*****		▼	WEEKLY
10 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	774 DAILY AV	1298 DAILY MX	LBS/DY	*****	*****	*****	****		WEEKLY
IDS, TOTAL ENDED	SAMPLE MEASUREMENT	3619	12334 ▼▼		*****	*****	*****		2	THREE/COMI
30 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	4270 DAILY AV	11465 DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
PER, TOTAL CU)	SAMPLE MEASUREMENT	10	32		*****	*****	*****		0	THREE/COMP24
42 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	18.2 DAILY AV	49.3 DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
KEL, TOTAL NI)	SAMPLE MEASUREMENT	4	8		*****	*****	*****		0	THREE/COMP24
67 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	10.2 DAILY AV	26.8 DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
BON TETRACHLORIDE	SAMPLE MEASUREMENT	0.0	0.0		*****	*****	*****		NA	THREE/COMP24
02 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
OROFORM	SAMPLE MEASUREMENT	22.2	52.3		*****	*****	*****		NA	THREE/COMP24
06 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
OROETHANE	SAMPLE MEASUREMENT	0.0	0.1		*****	*****	*****		NA	THREE/COMP24
11 2 0 0 LUENT NET VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24

TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and a maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA
CODE

NUMBER

DATE

90 1 11
YEAR MO DAY

CONTENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

UNABLE TO PERFORM PARAMETER AT THIS OUTFALL. SL 024710
SEE ATTACHMENT FOR EXPLANATION.

WASTE NAME/ADDRESS (Include Name/Location of discharger)

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) LA0000761 (17-19) 201 A
PERMIT NUMBER DISCHARGE NUMBER

F - FINAL

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

PPG CANAL PLANT B

CITY
LOCATION
TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
1989 12 01 1989 12 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-64)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PHYLENE CHLORIDE	SAMPLE MEASUREMENT	0.1	0.4		*****	*****	*****		NA	THREE/COMP24
123 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEK
ELUENT NET VALUE								****		WEEK
BRACHLORDETHYLENE	SAMPLE MEASUREMENT	0.3	0.7		*****	*****	*****		NA	THREE/COM
175 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEK
ELUENT NET VALUE								****		WEEK
1, -DICHLOROETHANE	SAMPLE MEASUREMENT	0.1	0.4		*****	*****	*****		NA	THREE/COMP24
196 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEK
ELUENT NET VALUE								****		WEEK
1, -DICHLOROETHYLENE	SAMPLE MEASUREMENT	0.2	0.6		*****	*****	*****		NA	THREE/COMP24
201 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEK
ELUENT NET VALUE								****		WEEK
1, 1-TRICHLORO- THANE	SAMPLE MEASUREMENT	0.0	0.1		*****	*****	*****		NA	THREE/COMP24
206 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		WEEK
ELUENT NET VALUE								****		WEEK
1, 2-TRICHLORO-	SAMPLE MEASUREMENT	1.0	3.7		*****	*****	*****		NA	THREE/COMP24
211 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
ELUENT NET VALUE								****		WEEK
2-DICHLOROETHANE	SAMPLE MEASUREMENT	8.2	29.5		*****	*****	*****		NA	THREE/COMP24
231 2 0 0	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX	LBS/DY	*****	*****	*****	****		THREE/COMP24
ELUENT NET VALUE								****		WEEK

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or a maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA CODE

NUMBER

DATE

10 / 11

YEAR MO DAY

CONTENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SL 024711

1. TITLE NAME/ADDRESS (Include Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

LA00000761

PERMIT NUMBER

201 A

DISCHARGE NUMBER

F - FINAL

PPG CANAL PLANT B

2. BY
3. TION

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	1989	12	01		1989	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

TOM G. BROWN, WORKS MANAGER

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (46-51)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-64)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TRANS-DICHLORO- ENE 6 2 0 0 UENT NET VALUE L CHLORIDE	SAMPLE MEASUREMENT	0.0	0.0		*****	*****	*****	NA	THREE/COMP24 WEEK	
	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX LBS/DY		*****	*****	*****	****	THREE/COMP24 WEEK	
5 2 0 0 UENT NET VALUE , IN CONDUIT OR TREATMENT PLANT	SAMPLE MEASUREMENT	0.1	0.4		*****	*****	*****	NA	THREE/COMP24 WEEK	
	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX LBS/DY		*****	*****	*****	****	THREE/COMP24 WEEK	
0 2 0 0 UENT NET VALUE RINE TOTAL	SAMPLE MEASUREMENT	11.39	13.25		*****	*****	*****	NA	CONTI RECORDR NUOUS	
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX MGD		*****	*****	*****	****	CONTI RECORDR NUOUS	
DUAL 0 2 0 0 UENT NET VALUE	SAMPLE MEASUREMENT	3	25		*****	*****	*****	0	THREE/GRAB WEEK	
	PERMIT REQUIREMENT	22.9 DAILY AV	37.7 DAILY MX LBS/DY		*****	*****	*****	****	THREE/GRAB WEEK	
RINATED HYDRO- ONS, GENERAL 2 2 0 0 UENT NET VALUE	SAMPLE MEASUREMENT	32	86		*****	*****	*****	0	THREE/COMP24 WEEK	
	PERMIT REQUIREMENT	58 DAILY AV	198 DAILY MX LBS/DY		*****	*****	*****	****	THREE/COMP24 WEEK	
HLOROETHENE 0 2 0 0 UENT NET VALUE	SAMPLE MEASUREMENT	0.3	1.3		*****	*****	*****	NA	THREE/COMP24 WEEK	
	PERMIT REQUIREMENT	REPORT DAILY AV	REPORT DAILY MX LBS/DY		*****	*****	*****	****	THREE/COMP24 WEEK	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

4. TITLE PRINCIPAL EXECUTIVE OFFICER

T. G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA
CODE

NUMBER

DATE

90 1 11

YEAR MO DAY

5. STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SL 024712

STATE NAME/ADDRESS (Include Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 40-0004
Approval expires 12-31-87

PPG IND.
ESS P. O. BOX 1000
LAKE CHARLES, LA. 70602

LA0000761
PERMIT NUMBER

401 A
DISCHARGE NUMBER

F - FINAL

SILICA PIGMENTS DITCH

CITY
LOCATION
TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
1989	12	01	1989	12	31	
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)	

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
W, IN CONDUIT OR U TREATMENT PLANT 50 2 0 0 LUENT NET VALUE	SAMPLE MEASUREMENT	*****	0.17		*****	*****	*****	NA	THREE/ WEEK	ESTIMA
	PERMIT REQUIREMENT	*****	REPORT DAILY MX	MGD	*****	*****	*****	****	THREE/ WEEK	ESTIMA
ORINATED HYDRO- BONS, GENERAL 52 2 0 0 LUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	130	NA	THREE/ WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT DAILY MX	****	THREE/ WEEK	GRAB
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

SL 024713

E/TITLE PRINCIPAL EXECUTIVE OFFICER

T.G. BROWN
WORKS MANAGER

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC 1001 AND 1003. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.

b. Cund
SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 491-4500

AREA
CODE

NUMBER

DATE

90 1 11

YEAR MO DAY

IDENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

1. TITLE NAME/ADD (Include
Name/Location if
it)

PPG IND.
P. O. BOX 1000
LAKE CHARLES, LA. 70602

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

LA0000761

PERMIT NUMBER

301 A

DISCHARGE NUMBER

F - FINAL

Form Approved
OMB No. 2040-0004
Approval expires 12-31-87

PPG CANAL PLT B 2ND FLUSH

CITY

LOCATION

TOM G. BROWN, WORKS MANAGER

MONITORING PERIOD

FROM 1989 12 01 TO 1989 12 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1 Card Only) (46-51) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
W, IN CONDUIT OR U TREATMENT PLANT	SAMPLE MEASUREMENT	*****	8.64		*****	*****	*****		NA	DAILY INSTAN
50 2 0 0	PERMIT REQUIREMENT	*****	REPORT		*****	*****	*****	****		DAILY INSTAN
LUENT NET VALUE		*****	DAILY MX MGD					****		
ORINATED HYDRO-	SAMPLE MEASUREMENT	*****	*****		*****	*****	38400		NA	DAILY GRAB
BONS, GENERAL	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT			DAILY GRAB
52 2 0 0				****			DAILY MX	UG/L		
LUENT NET VALUE	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

SL 024714

1. TITLE PRINCIPAL EXECUTIVE OFFICER T.G. BROWN WORKS MANAGER TYPED OR PRINTED		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1319. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT B. Brown		TELEPHONE 318 491-4500 90 1 11		DATE YEAR MO DAY	
---	--	---	--	--	--	-----------------------------------	--	---------------------	--

2. STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SEE NAME/ADDRESS (Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

F - FINAL
BIO-MONITORING

100 201
PERMIT NUMBER

101 0
DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	87	10	01		89	12	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
()	SAMPLE MEASUREMENT	*****	*****		53.	*****	*****		N/A	QTRLY COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT INST MN	*****	*****	PER- CENT		
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

SL 024715

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

318 4914500

DATE

10 1 11

TYPED OR PRINTED

AREA CODE

NUMBER

YEAR

MO

DAY

MENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

FACILITY NAME/ADDRESS

Name/Location (if different)

ESS

CITY

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)

100-024716

PERMIT NUMBER

011

DISCHARGE NUMBER

2 - FINAL
DISMONITORING

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
11	11	01	35	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

MAJOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
(20-21)	SAMPLE MEASUREMENT	*****	*****		30.3	*****	*****			N/A	QTRLY	COMP24
	PERMIT REQUIREMENT	*****	*****	****	REPORT INST AN	*****	*****	PER-CENT		QTRLY	COMP24	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
SL 024716	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years)	b. Paul	TELEPHONE		DATE		
			318	491-4500	90	1	11
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

MENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)