

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

Form Approved OMB No. 2040-0004 Expires 2-29-84

NAME PENNSYLVANIA P & I - SUSQUEHUNNA  
 ADDRESS TWO NORTH NINTH STREET  
 ALLENTOWN PA 18101

PAN0047325  
 PERMIT NUMBER

041 A  
 DISCHARGE NUMBER

F - FINAL LIMITS  
 COOLING TOWER BLOWDOWN OUTFALL

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	08	01	84	08	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) 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			
PH		*****	*****	*****	7.98	*****	8.65		0	Daily	Grab
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****	*****	*****	115.4	654.		6	Daily	Grab
00530 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	200 DAILY MX	MG/L		DAILY	GRAB
IRON, TOTAL (AS FE)		*****	*****	*****	*****	10.8	31.9		1	Weekly	Grab
01045 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	7.0 DAILY MX	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		10.08	*****	*****	*****	*****	*****	*****	*	ND *	None
00050 1 0 EFFLUENT GROSS VALUE		14.4 AVERAGE	*****	1GD	*****	*****	*****	*****		DAILY	RECORD
CHLORINE, FREE AVAILABLE		< 0.35	< 0.35		*****	< 0.05	< 0.05		0	Daily	Grab
50064 1 0 EFFLUENT GROSS VALUE		2.0 DAILY AV	5.0 DAILY MX	LBS/DY	*****	0.2 DAILY AV	0.5 DAILY MX	MG/L		DAILY	GRAB
		* ND - Not Determined									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations

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.

*JK*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 215 770-7889  
 DATE 84 9 20  
 AREA CODE NUMBER YEAR MO DAY

EQUIPMENT AND EVALUATION OF ANY VIOLATIONS EXCEPT FOR QUALITY OF THE RAW WATER SUPPLY.  
 CHLORINE MONITORED WHEN ADDED. SEE PERMIT FOR OTHER CHLORINE, IRON & TSS. DISCHARGE SPECS.  
 FOR THIS AND ALL OTHER PIPES: NO PCB'S SHALL BE DISCHARGED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME PENNSYLVANIA P & L - SUSQUHNA  
 ADDRESS TWO NORTH NINTH STREET  
 ALLENTOWN PA 18101

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

PA0047325 PERMIT NUMBER  
 042 A DISCHARGE NUMBER

F - FINAL LIMITS  
 OUTFALL 042

Form Approved  
 OMB No. 2040-0004  
 Expires 2-29-84

FACILITY  
 LOCATION

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	84	08	01		84	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
PH	SAMPLE MEASUREMENT	*****	*****	*****	7.40	*****	7.50	SU	0	3/month	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM				TWICE/MONTH
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.9	1.4		*****	7.8	11.6	MG/L	0	3/month	Grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.75 DAILY AV	19.18 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX				ONCE/MONTH
OIL AND GREASE FREON EXTRACTION - GRAV	SAMPLE MEASUREMENT	0.25	0.45		*****	2.3	5.1	MG/L	0	3/month	Grab
00556 1 0 (1) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.88 DAILY AV	3.84 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX				ONCE/MONTH
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.014	*****		*****	*****	*****	MGD	*	Daily	Measrd
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.023 AVERAGE	*****	MGD	*****	*****	*****				DAILY
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations

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Signature of John T. Kauffman  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 215 770-7889  
 DATE 8/9/80

COMMENT OR EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) FLOWING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION - IR METHOD.



Small, faint, illegible marks or characters in the top right corner.

Faint, illegible marks or characters in the middle left section.

Faint, illegible marks or characters in the lower left section.

NAME PENNSYLVANIA P & L - SUSQUEHNA  
 ADDRESS TWO NORTH NINTH STREET  
ALLENTOWN PA 18101

PA0047325  
 PERMIT NUMBER

043 A  
 DISCHARGE NUMBER

F - FINAL LIMITS  
 UNIT 1 - TURBINE BUILDING - 043

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
84	08	01	84	08	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH		*****	*****	*****	7.22	*****	7.72	0	7/month	Grab
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED		0.71	1.92	LBS/DY	*****	6.9	13.2	0	7/month	Grab
00530 1 0 EFFLUENT GROSS VALUE		5.75 DAILY AV	19.18 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX	MG/L	ONCE/MONTH	GRAB
OIL AND GREASE FREON EXTRACTION - GRAV		0.29	0.97	LBS/DY	*****	2.9	6.7	0	7/month	Grab
00556 1 0 (1) EFFLUENT GROSS VALUE		2.88 DAILY AV	3.84 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX	MG/L	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.011	*****	MGD	*****	*****	*****	*****	*	Daily Measrd
50050 1 0 EFFLUENT GROSS VALUE		0.023 AVERAGE	*****	MGD	*****	*****	*****	*****		DAILY MEASRD
		SAMPLE MEASUREMENT								
		PERMIT REQUIREMENT								
		SAMPLE MEASUREMENT								
		PERMIT REQUIREMENT								
		SAMPLE MEASUREMENT								
		PERMIT REQUIREMENT								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations  
 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*JK*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 215 | 770-7889  
 AREA CODE | NUMBER  
 DATE  
 84 | 7 | 20  
 YEAR | MO | DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION - IR METHOD.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

Form Approved OMB No. 2040-0004 Expires 2-29-84

NAME PENNSYLVANIA P & L - SUSQUHNA  
 ADDRESS TWO NORTH NINTH STREET  
 ALLENTOWN PA 18101

PA0047325  
 PERMIT NUMBER

044 A  
 DISCHARGE NUMBER

F - FINAL LIMITS  
 UNIT 2 TURBINE BUILDING: 044

FACILITY  
 LOCATION  
 MANEGMAN, EXEC. VICE PRES

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	08	01	TO	84	03	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) 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			
PH		*****	*****	*****	7.61	*****	7.98		0	4/month	Grab
00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	6.0	*****	9.0	SU		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	MINIMUM	*****	MAXIMUM				
SOLIDS, TOTAL SUSPENDED		0.90	1.57		*****	12.4	21.6		0	4/month	Grab
00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5.75	19.18	LBS/DY	*****	30	100	MG/L		ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	DAILY AV	DAILY MX		*****	DAILY AV	DAILY MX				
OIL AND GREASE FREON EXTRACTION - GRAV		0.15	0.29		*****	2.1	4.0		0	4/month	Grab
00556 1 0 (1) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.88	3.84	LBS/DY	*****	15	20	MG/L		ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	DAILY AV	DAILY MX		*****	DAILY AV	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.0087	*****		*****	*****	*****	*****	*	Daily	measrd
50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.023	*****	MGD	*****	*****	*****	*****		DAILY	MEASRD
	PERMIT REQUIREMENT	AVERAGE	*****		*****	*****	*****	*****			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations  
 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 \$10,000 and/or maximum imprisonment of between 6 months and 3 years.

*John T. Kauffman*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
215	770-7889	84	9	20
AREA CODE	NUMBER	YEAR	MO	DAY

REQUIREMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION - IR METHOD.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME PENNSYLVANIA P & L - SUSQUEHNA  
 ADDRESS TWO NORTH NINTH STREET  
ALLENTOWN PA 18101

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

Form Approved  
 OMB No. 2040-0004  
 Expires 2-29-84

(2-16) PA0047325 (17-19) 046 A  
 PERMIT NUMBER DISCHARGE NUMBER

F - FINAL LIMITS  
 ACID UNLOADING PAD: 046

There was no discharge from this outfall during the month.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	08	01	TO	84	08	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH		*****	*****	*****		*****					
00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		TWICE/MONTH	GRAB
00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				*****						
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.75 DAILY AV	2.5 DAILY MX	LBS/DY	*****	30 DAILY AV	100 DAILY MX	MG/L		ONCE/MONTH	GRAB
00556 1 0 (1) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				*****						
00556 1 0 (1) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.38 DAILY AV	0.5 DAILY MX	LBS/DY	*****	15 DAILY AV	20 DAILY MX	MG/L		ONCE/MONTH	GRAB
00050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	None	*****		*****	*****	*****	*****	*		
00050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.003 AVERAGE	*****	MGD	*****	*****	*****	*****		ONCE/MONTH	ESTIMATE
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations  
 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*JK*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 215 770-7889  
 AREA CODE NUMBER  
 DATE  
 8/9/84  
 YEAR MO DAY

EQUIPMENT AND EXPLANATION OF ANY ISOLATION OR RESTRICTIONS (If applicable) NO DISCHARGE OF SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

(1) We also have EPA approval to use a MODIFIED PARTITION - IR METHOD.



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

Form Approved OMB No. 2040-0004 Expires 2-29-84

NAME PENNSYLVANIA P & L - SUSQUHUNNA  
 ADDRESS TWO NORTH NINTH STREET  
 ALLENTOWN PA 18101

PA0047325  
 PERMIT NUMBER

047 A  
 DISCHARGE NUMBER

F - FINAL LIMITS  
 UNIT 1 CONDENSATE TANK: 047

There was no discharge from this outfall during the month.

FACILITY  
 LOCATION

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
84	08	01		84	08	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN. CONDUIT, OR THRU TREATMENT PLANT	None		*****		*****	*****	*****	*****	*		
50050 1 0 EFFLUENT GROSS VALUE		0.033 AVERAGE	*****	MGD	*****	*****	*****	*****		ONCE/DISCHG	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations

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.)

*John T. Kauffman*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 215 770-7889  
 DATE 84 7 20  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS OF REGULATIONS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.  
 THIS DMR MONITORS RAINWATER DISCHARGE COLLECTED IN DIKED AREA SURROUNDING UNIT 1 CONDENSATE STORAGE TANK.





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NAME PENNSYLVANIA P & L - SUSQUEHUNNA  
 ADDRESS TWO NORTH NINTH STREET  
ALLENTOWN PA 18101

PA0047325  
 PERMIT NUMBER

048 A  
 DISCHARGE NUMBER

F - FINAL LIMITS  
 UNIT 2 CONDENSATE TANK: 048

FACILITY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	84	08	01		84	08	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

There was no discharge from this outfall during the month.

NOTE: Read instructions before completing this form.

ATTN: J.T. KAUFFMAN, EXEC. VICE PRES

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	None	0.019 AVERAGE	*****	1GD	*****	*****	*****	*****	*	SEE PERMIT	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Kauffman, John T.  
 Executive Vice President-  
 Operations  
 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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

*J. Kauffman*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
215	770-7889	84	7	20
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF DISCREPANCIES (Reference to pertinent standards or visible foam in other than trace amounts.)  
 THIS DMR MONITORS RAINWATER DISCHARGE COLLECTED IN DIKED AREA SURROUNDING UNIT 2 CONDENSATE STORAGE TANK.



1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12



# ANALYSIS REPORT

## Lancaster Laboratories INCORPORATED

LLI Sample No. G5 325325

PP&L Company  
Susquehanna S E S  
P. O. Box 467  
Berwick, PA 18603

Date Reported 8/31/84  
Date Submitted 8/23/84  
Discard Date 9/30/84  
P. O. No. 4-49677-5  
Collected by Client

#26 84-17756 Reactivator Influent Stream  
Collected ~~8/20/84~~ (1155) by KZ/JL  
*8-17-84 BK 9-15-84*

ANALYSIS	AS RECEIVED	LAB CODE
Nitrite Nitrogen	0.01 mg/l	219-103-006
Iron	13.5 mg/l	254-054-012
Manganese	0.27 mg/l	258-054-012
Chloramine	see below	999-113-015
Free chlorine (See below)	2.25 mg Cl as Cl <sub>2</sub> /l	
Monochloramine	0.05 mg Cl as Cl <sub>2</sub> /l	
Dichoramine	0.10 mg Cl as Cl <sub>2</sub> /l	
Nitrogen trichloride	0.00 mg Cl as Cl <sub>2</sub> /l	

EPA requires that free chlorine be analyzed immediately due to its lability and volatility. No holding time is allowed; no preservation is available. Chloramines are much more stable. We measure free chlorine in the course of determining chloramines and report it with the above qualification.

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Attn: Administrative Supervisor  
Attn: David Ortz  
Attn: John Hansell (A2-4)

SEE REVERSE SIDE FOR EXPLANATION OF SYMBOLS AND ABBREVIATIONS

The American Association for  
Laboratory Accreditation  
Chemical & Biological fields of testing



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Independent Laboratories, Inc

Prep 0.00 Total 45.00 2290  
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FRANKLIN DIVISION:  
5424 Buchanan Trail East, Waynesboro Pa 17268 • (717) 762-9127

Respectfully submitted  
Lancaster Laboratories, Inc.

Reviewed and Approved by:  
J. Wilson Hershey M.S. Mgr.  
Instrumental Analysis Prog.