PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394
FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

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

MAJOR
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

IN0000108003A0403

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	04	01	TO	03	04	30

For Any Questions call Jeff Ewick at 317-233-0676

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUANTITY OR CONCENTRATION MINIMUM	QUANTITY OR CONCENTRATION AVERAGE	QUANTITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	********	********		7.9	********	8.1	(12)	0	1X /WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	6.0 MINIMUM		9.0 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	0.4	0.5	(19)	0	1X /WEEK	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO.AVG	10.0 DAILY MX	MG/L		WEEKLY	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	25	26	(19)	0	1X /WEEK	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO.AVG	10.0 DAILY MX	MG/L		WEEKLY	GRAB
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowlege and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Ashok K. Jhawar

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	2003	5	27
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATION *(Reference all attachments here)*

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR LAKE COUNTY

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394
FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

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

MAJOR
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

IN0000108002A0403

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
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For Any Questions call Jeff Ewick at 317-233-0676

*** NO DISCHARGE ☐ ***

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CARBON, TOT ORGANIC (TOC) 00680 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********	********	********	0	1	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	5.0 DAILY MX			5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC) 00680 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	88.2	93.5	(03) MGD	********	********	********	********	0	DAILY	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX							DAILY	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.04	<0.04	(19) MG/L	0	1 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	0.05 DAILY MX			1 WEEK	GRAB
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	2645.5	(3R) MGAL	********	********	********	********	0	ONCE/ MONTH	RCOTOT
	PERMIT REQUIREMENT		REPORT MO TOTAL							ONCE/ MONTH	RCOTOT
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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Ashok K. Jhawar

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	2003	5	27
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATION *(Reference all attachments here)*

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME BP PRODUCTS NORTH AMERICA INC.
ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394
FACILITY BP PRODUCTS NORTH AMERICA INC.
LOCATION WHITING
ATTN: ASHOK K. JHAWAR, PLANT MGR.

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

MAJOR
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

IN0000108002A0403

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	04	01	TO	03	04	30

For Any Questions call Jeff Ewick at 317-233-0676

*** NO DISCHARGE ☐ ***

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TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	27	30	(04) DEG.C	0	5 TIME /WEEK	CONTIN
	PERMIT REQUIREMENT					REPORT MO.AVG	REPORT DAILY MX			5 TIMES/WEEK	CONTIN
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	12	16	(04) DEG.C	0	5 TIME /WEEK	CONTIN
	PERMIT REQUIREMENT					REPORT MO.AVG	REPORT DAILY MX			5 TIMES/WEEK	CONTIN
WASTE HEAT REJECTION RATE 00179 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	812	920	(05) MBTU/HR	********	********	********	********	0	5 TIME /WEEK	CONTIN
	PERMIT REQUIREMENT	1700 MO.AVG	2000 MX DA AV							5 TIMES/WEEK	CONTIN
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	8.2	********	8.3	(12) SU	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT				MINIMUM		MAXIMUM			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.4	0.8	(19) MG/L	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO.AVG	10 DAILY MX			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.4	0.80	(19) MG/L	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO.AVG	10 DAILY MX			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	<0.3	0.4	(19) MG/L	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO.AVG	REPORT DAILY MX			THREE/WEEK	GRAB

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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Ashok K. Jhawar

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	2003	5	27
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATION *(Reference all attachments here)*

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR LAKE COUNTY

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME BP PRODUCTS NORTH AMERICA INC.

ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

FACILITY BP PRODUCTS NORTH AMERICA INC.

LOCATION WHITING

ATTN: ASHOK K. JHAWAR, PLANT MGR.

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

MAJOR
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

IN0000108001A0403

IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	04	01	TO	03	04	30

For Any Questions call Jeff Ewick at 317-233-0676

*** NO DISCHARGE ☐ ***

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CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.005	<0.005	(26) LBS/DY	********	<0.7	<0.7	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	2.01 MO AVG	4.48 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEKLY	COMP24
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.01	<0.01	(26) LBS/DY	********	<1.4	<1.4	(19) MG/L	0	1X WEEK	COMP 24
	PERMIT REQUIREMENT	2.25 MO AVG	8.50 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEKLY	COMP24
PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.01	<0.01	(26) LBS/DY	********	<1.33	<1.50	(19) MG/L	0	THREE /WEEK	COMP 24
	PERMIT REQUIREMENT	2.03 MO AVG	7.61 DAILY MX			REPORT MO AVG	REPORT DAILY MX			THREE/WEEK	COMP24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	15.9	18.0	(03) MGD	********	********	********	********	0	DAILY	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX							DAILY	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	******	******	(19) MG/L	0	*NA	*NA
	PERMIT REQUIREMENT					REPORT MO AVG	0.05 DAILY MX			5 TIMES/WEEK	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	******	******	(13) #/ 100ML	0	**NA	**NA
	PERMIT REQUIREMENT					200 MO AVG	400 DAILY MX			5 TIMES/WEEK	GRAB
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	476.6	(3R) MGAL	********	********	********	********	0	ONCE/ MONTH	RCOTOT
	PERMIT REQUIREMENT		REPORT MO TOTAL							ONCE/ MONTH	RCOTOT

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

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Ashok K. Jhawar

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TELEPHONE		DATE		
219	473-3179	2003	5	27
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATION *(Reference all attachments here)*

*Chlorine testing required only when chlorinating this stream.
**Fecal coliform testing required only when refinery sanitary sewers are discharging to the BP Refinery WWTP.

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY

7001 2510 0008 2576 6438

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

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FACILITY BP PRODUCTS NORTH AMERICA INC.
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MAJOR
F - FINAL
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Form Approved
OMB No. 2040-0004
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IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

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BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	474	841	(26) LBS/DY	********	3.5	6.0	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	4161 MO AVG	8164 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD) 00335 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	6172	9053	(26) LBS/DY	********	47	65	(19) MG/L	0	THREE /WEEK	COMP 24
	PERMIT REQUIREMENT	30824 MO AVG	58427 DAILY MX			REPORT MO AVG	REPORT DAILY MX			THREE/WEEK	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	7.5	********	8.0	(12) SU	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT				6.0 MINIMUM		9.0 MAXIMUM			THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2073	3873	(26) LBS/DY	********	15.5	27.0	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	3646 MO AVG	5694 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	∠81	181	(26) LBS/DY	********	∠0.6	1.3	(19) MG/L	0	WEEK-DAYS	GRAB
	PERMIT REQUIREMENT	368 MO AVG	2600 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEK DAYS	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	∠13	∠15	(26) LBS/DY	********	∠0.10	∠0.10	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	1030 MO AVG	2060 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
SULFIDE, TOTAL (AS S) 00745 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3.8	5.6	(26) LBS/DY	********	0.03	0.04	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	23 MO AVG	514 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEKLY	COMP24

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

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TELEPHONE		DATE		
219	473-3179	2003	5	27
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COMMENTS AND EXPLANATION OF ANY VIOLATION *(Reference all attachments here)*

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY

bp

Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

BP Products North America Inc.
2815 Indianapolis Boulevard
Whiting, IN 46394-0710
USA

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 25, 2003

Indiana Department of Environmental Management
OWQ Data Management Section
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015

Direct 219 473 3179
Fax 219 473 3504
Mobile 219 712 0223
jhawarak@bp.com

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of May 2003, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. 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 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.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely,

Ashok K. Jhawar

Ashok K. Jhawar
Business Unit Leader

Attachments

JUN 27 4 12 PM '03
OFFICE OF WATER MANAGEMENT

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108 May-03 MAY STORM WATER RUNOFF

- - - -OUTFALL 004- - - -

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

PARAMETER		pH	OIL	TOC	
CODE:		C00400	C00550	C00680	
LIMITS:	MAX.	6-9	15	110	
DATA			mg/l	mg/l	
	1	8.3	0.6	32	open
	2	--------	--------	--------	open
	3	--------	--------	--------	closed
	4	--------	--------	--------	closed
	5	8.0	<0.3	24	open
	6	--------	--------	--------	open
	7	--------	--------	--------	closed
	8	--------	--------	--------	open
	9	--------	--------	--------	open
	10	--------	--------	--------	open
	11	--------	--------	--------	closed
	12	8.1	0.7	23	open
	13	--------	--------	--------	open
	14	--------	--------	--------	open
	15	--------	--------	--------	open
	16	--------	--------	--------	open
	17	--------	--------	--------	closed
	18	--------	--------	--------	closed
	19	--------	--------	--------	closed
	20	8.1	<0.3	24	open
	21	--------	--------	--------	open
	22	--------	--------	--------	open
	23	--------	--------	--------	open
	24	--------	--------	--------	closed
	25	--------	--------	--------	closed
	26	--------	--------	--------	closed
	27	--------	--------	--------	closed
	28	--------	--------	--------	closed
	29	8.2	0.4	25	open
	30	--------	--------	--------	open
	31	8.2	1.2	33	open
AVERAGE		8.2	0.6	27	
HIGHEST VAL.		8.3	1.2	33	
LOWEST VAL.		8.0	<0.3	23	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen

NO. 14118 exp.6/30/04
219-473-5298

DATE : 6-23-03

ENVIRONMENTAL ENGINEER :

JUN 27 4:32 PM

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108 May-03 MAY STORM WATER RUNOFF

- - - -OUTFALL 003- - - -

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

PARAMETER		pH	OIL	TOC	
CODE:		C00400	C00550	C00680	
LIMITS:	MAX.	6-9	15	110	
DATA			mg/l	mg/l	
	1	8.0	0.6	33	open
	2	--------	--------	--------	open
	3	--------	--------	--------	closed
	4	--------	--------	--------	closed
	5	7.9	0.5	35	open
	6	--------	--------	--------	open
	7	--------	--------	--------	open
	8	--------	--------	--------	open
	9	--------	--------	--------	open
	10	--------	--------	--------	open
	11	--------	--------	--------	closed
	12	7.8	1.0	30	open
	13	--------	--------	--------	open
	14	--------	--------	--------	open
	15	--------	--------	--------	open
	16	--------	--------	--------	open
	17	--------	--------	--------	closed
	18	--------	--------	--------	closed
	19	--------	--------	--------	closed
	20	8.0	1.1	44	open
	21	--------	--------	--------	open
	22	--------	--------	--------	open
	23	--------	--------	--------	open
	24	--------	--------	--------	closed
	25	--------	--------	--------	closed
	26	--------	--------	--------	closed
	27	--------	--------	--------	closed
	28	--------	--------	--------	closed
	29	--------	--------	--------	closed
	30	--------	--------	--------	closewd
	31	--------	--------	--------	closed
AVERAGE		7.9	0.8	35	
HIGHEST VAL.		8.0	1.1	44	
LOWEST VAL.		7.8	0.5	30	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04 219-473-5298

DATE : 6-23-03

ENVIRONMENTAL ENGINEER : Ruth A. Harris

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO IN0000108 OUTFALL 002 May-03 MAY COOLING WATER EFFLUENT

PARAMETER	FLOW	IN-TEMP	OUT-TEMP	HEAT	pH	IN-OIL	OUT-OIL	DELTA OIL	IN-TOC	OUT-TOC	DELTA-TOC	RESID-CL
CODE	Q50050		C00010	C99003	C00400		C00550		C99680	C00680		
SAMPLE TYPE												
PERMIT	CONT	CONT	CONT	CONT	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
ACTUAL	CONT	CONT	CONT	CONT	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
FREQUENCY												
PERMIT	CONT	5/7	5/7	5/7	3/7	3/7	3/7	3/7	5/7	5/7	5/7	1/7
ACTUAL	CONT	CONT	CONT	CONT	3/7	3/7	3/7	5/7	5/7	5/7	5/7	1/7
LIMITS: AVG.				1.70								
MAX.				2.00	7-9			5			5	.05
DATE	MG/D	DEG C	DEG C	GBTU/HR	pH	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
1	90.0	17	30	0.731	--------	--------	--------	--------	2	2	0	--------
2	89.5	16	29	0.727	8.2	<0.3	<0.3	<0.3	2	2	0	--------
3	90.0	14	29	0.843	--------	--------	--------	--------	--------	--------	--------	--------
4	90.4	15	30	0.847	--------	--------	--------	--------	--------	--------	--------	--------
5	91.8	15	30	0.860	8.3	<0.3	<0.3	<0.3	2	2	0	--------
6	92.4	16	31	0.866	--------	--------	--------	--------	2	2	0	--------
7	91.8	17	30	0.746	8.3	<0.3	<0.3	<0.3	2	2	0	--------
8	91.7	16	30	0.802	--------	--------	--------	--------	2	2	0	<0.04
9	91.8	14	29	0.860	8.3	<0.3	<0.3	<0.3	2	2	0	--------
10	92.1	14	30	0.921	--------	--------	--------	--------	--------	--------	--------	--------
11	91.4	15	31	0.914	--------	--------	--------	--------	--------	--------	--------	--------
12	91.4	15	31	0.914	8.3	<0.3	<0.3	<0.3	2	2	0	--------
13	91.2	15	31	0.912	--------	--------	--------	--------	2	2	0	--------
14	91.0	15	31	0.910	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
15	91.3	15	31	0.913	--------	--------	--------	--------	2	2	0	--------
16	91.5	16	32	0.915	8.3	<0.3	<0.3	<0.3	2	2	0	--------
17	91.2	17	33	0.912	--------	--------	--------	--------	--------	--------	--------	--------
18	92.1	16	32	0.921	--------	--------	--------	--------	--------	--------	--------	--------
19	92.5	15	32	0.982	8.3	<0.3	<0.3	<0.3	2	2	0	--------
20	93.2	15	32	0.990	--------	--------	--------	--------	2	2	0	--------
21	92.7	15	28	0.753	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
22	93.1	17	26	0.523	--------	--------	--------	--------	2	2	0	--------
23	92.8	17	32	0.870	8.3	<0.3	<0.3	<0.3	2	2	0	--------
24	93.2	17	33	0.932	--------	--------	--------	--------	--------	--------	--------	--------
25	93.8	17	33	0.938	--------	--------	--------	--------	--------	--------	--------	--------
26	93.1	17	33	0.931	8.4	<0.3	<0.3	<0.3	2	2	0	--------
27	94.1	17	33	0.941	--------	--------	--------	--------	2	2	0	--------
28	94.0	16	33	0.998	8.4	<0.3	<0.3	<0.3	2	2	0	<0.04
29	93.7	16	32	0.937	--------	--------	--------	--------	2	2	0	--------
30	93.6	16	32	0.936	8.4	<0.3	<0.3	<0.3	2	2	0	--------
31	92.9	17	32	0.871	--------	--------	--------	--------	--------	--------	--------	--------
AVERAGE	92.1	16	31	0.875	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
HIGHEST VAL.	94.1	17	33	0.998	8.4	<0.3	<0.3	<0.3	2	2	0	<0.04
LOWEST VAL.	89.5	14	26	0.523	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2855.3											

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp.6/30/04
219-473-5298

--MEANS NOT TESTED THIS DATE

DATE: 6-23-03

ENVIRONMENTAL ENGINEER : Richard A. Hem

JUN 27 4 12

OFFICE OF ENVIRONMENTAL MANAGEMENT

BP PRODUCTS NORTH AMERICA, Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO IN0000108 OUTFALL 001 May-03 MAY PROCESS WATER EFFLUENT

PARAMETER	HX. CHRM	TL.CHRM	PHENOL	SELENIUM	ORTHO-P	FECAL C.
CODE	Q01032	Q00034	Q32730	CO1147	C00670	**
SAMPLE TYPE						
PERMIT	24	24	24	24	--	GRAB
ACTUAL	24	24	24	24	24	GRAB
FREQUENCY						
PERMIT	1/7	1/7	3/7	2/YR	--	5/7
ACTUAL	1/7	1/7	3/7	2/YR	2/7	5/7
LIMITS: AVG.	2.01	23.90				200
MAX.	4.48	68.53				400

DATE	mg/l	LB/D	mg/l	LB/D	mg/l	LB/D	ug/l	LB/D	MG/L	COLONIES
1	--------	--------	--------	--------	<0.01	<1.57			0.28	--------
2	--------	--------	--------	--------	--------	--------			--------	--------
3	--------	--------	--------	--------	--------	--------			--------	--------
4	--------	--------	--------	--------	<0.01	<1.43			0.35	--------
5	--------	--------	--------	--------	--------	--------			--------	--------
6	--------	--------	--------	--------	<0.01	<1.51			--------	--------
7	<0.005	<0.8	<0.01	<1.5	--------	--------			--------	--------
8	--------	--------	--------	--------	<0.01	<1.51			0.65	--------
9	--------	--------	--------	--------	--------	--------			--------	--------
10	--------	--------	--------	--------	--------	--------			--------	--------
11	--------	--------	--------	--------	<0.01	<1.28			0.40	--------
12	--------	--------	--------	--------	--------	--------			--------	--------
13	--------	--------	--------	--------	<0.01	<1.35			--------	--------
14	<0.005	<0.8	<0.01	<1.6	--------	--------			--------	--------
15	--------	--------	--------	--------	<0.01	<1.66			0.53	--------
16	--------	--------	--------	--------	--------	--------			--------	--------
17	--------	--------	--------	--------	--------	--------			--------	--------
18	--------	--------	--------	--------	<0.01	<1.61			0.94	--------
19	--------	--------	--------	--------	--------	--------			--------	--------
20	--------	--------	--------	--------	<0.01	<1.67			--------	--------
21	<0.005	<0.4	<0.01	<0.8	--------	--------			--------	--------
22	--------	--------	--------	--------	<0.01	<1.55			0.50	--------
23	--------	--------	--------	--------	--------	--------			--------	--------
24	--------	--------	--------	--------	--------	--------			--------	--------
25	--------	--------	--------	--------	0.01	1.68			0.65	--------
26	--------	--------	--------	--------	--------	--------			--------	--------
27	--------	--------	--------	--------	<0.01	<1.58			--------	--------
28	<0.005	<0.8	<0.01	<1.5	--------	--------			--------	--------
29	--------	--------	--------	--------	<0.01	<1.61			0.44	--------
30	--------	--------	--------	--------	--------	--------			--------	--------
31	--------	--------	--------	--------	--------	--------			--------	--------
AVERAGE	<0.005	<0.7	<0.01	<1.4	<0.01	<1.54			0.53	0
HIGHEST VAL.	<0.005	<0.8	<0.01	<1.6	0.01	1.68			0.94	
LOWEST VAL.	<0.005	<0.4	<0.01	<0.8	<0.01	<1.28			0.28	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. Olen NO: 14118 exp.6/30/04 DATE : 6-23-03 AUTHORIZED AGENT : Richard A. Nolan
219-473-5298

--MEANS NOT TESTED THIS DATE

**FECAL COLIFORM ARE LIMITED FROM APRIL 1 TO OCT. 1 WHEN REFINERY SANITARY SEWERS ARE DISCHARGING TO AMOCO WWTP.

JUN 27 4 12 PM
OFFICE OF WATER MANAGEMENT

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY
2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO IN0000108 OUTFALL 001 May-03 MAY PROCESS WATER EFFLUENT

PARAMETER	FLOW	BOD	COD	pH	TSS	OIL	NH3-N	SULFIDE
CODE	Q50050	Q00310	Q00340	C00400	Q00547	Q00550	Q00610	Q00745
SAMPLE TYPE								
PERMIT	CONT	24	24	GRAB	24	3/DAY	24	24
ACTUAL	CONT	24	24	GRAB	24	3/DAY	24	24
FREQUENCY								
PERMIT	CONT	5/7	3/7	3/7	5/7	5/7	5/7	1/7
ACTUAL	CONT	5/7	3/7	3/7	5/7	5/7	5/7	1/7

LIMITS:														
AVG			4161		30323			3646		1368		1030		23.1
MAX			8164		58427	6.5-9		5694		2600		2060		51.4
DATE	MG/D	mg/l	LB/D	mg/l	LB/D	pH	mg/l	LB/D	mg/l	LB/D	mg/l	LB/D	mg/l	LB/D
1	18.8	4.1	643	-------	-------	-------	32.5	5096	0.7	110	-------	-------	-------	-------
2	16.9	-------	-------	38	5356	7.7	-------	-------	1.1	155	<0.10	<14	-------	-------
3	16.1	-------	-------	45	6042	-------	-------	-------	-------	-------	<0.10	<13	-------	-------
4	17.1	3.5	499	-------	-------	-------	16.0	2282	-------	-------	-------	-------	-------	-------
5	18.3	3.4	519	-------	-------	7.5	18.5	2824	0.8	122	<0.10	<15	0.02	3.1
6	18.1	3.3	498	39	5887	-------	12.0	1811	0.5	75	<0.10	<15	-------	-------
7	18.1	3.7	559	-------	-------	7.5	18.0	2717	0.4	60	<0.10	<15	-------	-------
8	18.1	3.7	559	-------	-------	-------	25.3	3819	0.6	91	-------	-------	-------	-------
9	17.9	-------	-------	60	8957	7.6	-------	-------	1.0	149	<0.10	<15	-------	-------
10	19.4	-------	-------	51	8252	-------	-------	-------	-------	-------	<0.10	<16	-------	-------
11	15.4	7.0	899	-------	-------	-------	41.0	5266	-------	-------	-------	-------	-------	-------
12	15.4	3.7	475	-------	-------	7.8	20.0	2569	1.2	154	<0.10	<13	0.02	2.6
13	16.2	3.8	513	53	7161	-------	16.0	2162	1.2	162	<0.10	<14	-------	-------
14	18.6	3.3	512	-------	-------	7.6	14.0	2172	0.9	140	<0.10	<16	-------	-------
15	19.9	5.8	963	-------	-------	-------	28.0	4647	1.2	199	-------	-------	-------	-------
16	19.2	-------	-------	82	13130	7.6	-------	-------	1.0	160	0.39	62	-------	-------
17	19.7	-------	-------	62	10186	-------	-------	-------	-------	-------	1.80	296	-------	-------
18	19.3	2.8	451	-------	-------	-------	16.5	2656	-------	-------	-------	-------	-------	-------
19	19.0	2.1	333	-------	-------	7.6	11.0	1743	0.4	63	<0.10	<16	0.02	3.2
20	20.0	3.5	584	62	10342	-------	23.5	3920	0.8	133	<0.10	<17	-------	-------
21	9.8	4.1	335	-------	-------	*	33.0	2697	1.5	123	<0.10	<8	-------	-------
22	18.6	3.2	496	-------	-------	-------	17.0	2637	0.6	93	-------	-------	-------	-------
23	19.2	-------	-------	43	6886	7.6	-------	-------	3.4	544	<0.10	<16	-------	-------
24	18.9	-------	-------	45	7093	-------	-------	-------	-------	-------	0.11	17	-------	-------
25	20.2	4.0	674	-------	-------	-------	21.2	3572	-------	-------	-------	-------	-------	-------
26	20.0	4.2	701	-------	-------	7.8	20.7	3453	2.0	334	<0.10	<17	0.02	3.3
27	18.9	4.3	678	53	8354	-------	15.3	2412	1.6	252	<0.10	<16	-------	-------
28	18.5	5.3	818	-------	-------	7.6	23.3	3595	2.8	432	<0.10	<15	-------	-------
29	19.3	5.5	885	-------	-------	-------	23.3	3750	2.4	386	-------	-------	-------	-------
30	18.1	-------	-------	59	8906	7.6	-------	-------	1.3	196	<0.10	<15	-------	-------
31	17.9	-------	-------	66	9853	-------	-------	-------	-------	-------	<0.10	<15	-------	-------
AVERAGE	18.1	4.0	600	54	8315	7.6	20.9	3133	1.2	188	<0.20	<30	0.02	3.1
HIGHEST VAL.	20.2	7.0	963	82	13130	7.8	41.0	5266	3.4	544	1.80	296	0.02	3.3
LOWEST VAL.	9.8	2.1	333	38	5356	7.5	11.0	1743	0.4	60	<0.10	<8	0.02	2.6
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	560.9													

CERTIFIED OPERATOR : David J. Olen NO. 14418 exp. 6/30/04 DATE : 6-23-03 ENVIRONMENTAL ENGINEER : Richard A. Olson

--MEANS NOT TESTED THIS DATE 219-473-5298

*Note: Our permit requires 3 grab samples be taken per week and analyzed. The AFU (Air Flotation Unit) was shut down on May 21st and the Lakefront impounded water from 5:00 a.m. to 10:00 p.m. No grab sample was available for PH analysis