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: DENNIS J. SEITH, 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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

*IN0000108002A0404

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

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
CARBON, TOT ORGANIC (TOC) 00680 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L	0	5 TIMES /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX				
CARBON, TOT ORGANIC (TOC) 00680 [redacted] 0 0 EFFLUENT [redacted]T VALUE	SAMPLE MEASUREMENT	********	********	********	********	0	1	(19) MG/L	0	5 TIMES /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	5.0 DAILY MX				
CARBON, [redacted] ORGANIC (TOC) 00680 [redacted] 0 0 INTAKE FR[redacted] STREAM	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L	0	5 TIMES /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	82.1	85.6	(03) MGD	********	********	********	********	0	DAILY	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX								
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.04	<0.04	(19) MG/L	0	WEEKLY	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	0.05 DAILY MX				
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	2462.0	(3R) MGAL	********	********	********	********	0	ONCE/ MONTH	RCOTO
	PERMIT REQUIREMENT		REPORT MO TOTAL							ONCE/ MONTH	
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

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.

Dennis J. Seith/BC

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179			
AREA CODE	NUMBER	MO	DAY	YE/

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

INDUSTRIAL MAJ(
WHITING, LAKE COUN

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: DENNIS J. SEITH , 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

PERMIT NUMBER	DISCHARGE NUMBER
IN0000108	[redacted]

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

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	********	********			********		(12)	0	WEEKLY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	6 MINIMUM		9 MAXIMUM	SU			
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	2.1	2.1	(19)	0	WEEKLY	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	15.0 DAILY MX	MG/L			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	33	33	(19)	0	WEEKLY	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	110 DAILY MX	MG/L			
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 OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

TYPED OR PRINTED

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Dennis J. Seith/PLC

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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: DENNIS J. SEITH , 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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

*IN0000108004A0404

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

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 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		8.4	********	8.7	(12) SU	0		
	PERMIT REQUIREMENT			********	MINIMUM		MAXIMUM				
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		********	1.7	2.7	(19) MG/L	0		
	PERMIT REQUIREMENT			********		REPORT MO AVG	15.0 DAILY MX			ONCE MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		********	33	36	(19) MG/L	0		
	PERMIT REQUIREMENT			********		REPORT MO AVG	110 DAILY MX			ONCE MONTH	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 OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

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.

Dennis J. Seith/NC

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

PERMIT NO IN0000108 OUTFALL 001 Apr-04 APRIL 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	13.4	1.2	134	———	———	———	18.5	2067	0.3	34	———	———	———	———
2	12.4	———	———	38	3930	7.9	———	———	0.4	41	<0.10	<10	———	———
3	13.2	———	———	29	3193	———	———	———	———	———	<0.10	<11	———	———
4	12.5	1.9	198	———	———	———	22.0	2294	———	———	———	———	———	———
5	12.4	1.8	186	———	———	8	17.0	1758	<0.3	<31	<0.10	<10	0.02	2.1
6	13.2	1.3	143	35	3853	———	10.5	1156	0.5	55	<0.10	<11	———	———
7	12.6	1.5	158	———	———	7.8	15.6	1639	0.9	95	<0.10	<11	———	———
8	13.2	1.6	176	———	———	———	18.8	2070	0.8	88	———	———	———	———
9	12.5	———	———	40	4170	7.6	———	———	<0.3	<31	<0.10	<10	———	———
10	10.7	———	———	21	1874	———	———	———	———	———	<0.10	<9	———	———
11	12.8	1.5	160	———	———	———	16.0	1708	———	———	———	———	———	———
12	12.1	1.1	111	———	———	7.7	21.0	2119	1.0	101	<0.10	<10	0.01	1.0
13	12.3	1.5	154	43	4411	———	19.3	1980	0.4	41	<0.10	<10	———	———
14	12.3	1.4	144	———	———	7.9	17.3	1775	0.3	31	<0.10	<10	———	———
15	12.4	2.3	238	———	———	———	17.5	1810	0.7	72	———	———	———	———
16	12.1	———	———	53	5348	7.7	———	———	0.5	50	<0.10	<10	———	———
17	12.4	———	———	47	4861	———	———	———	———	———	<0.10	<10	———	———
18	12.4	2.3	238	———	———	———	16.0	1655	———	———	———	———	———	———
19	12.9	2.3	247	———	———	7.8	23.3	2507	0.4	43	<0.10	<11	0.02	2.2
20	12.0	1.7	170	42	4203	———	15.3	1531	0.5	50	<0.10	<10	———	———
21	12.5	2.4	250	———	———	7.6	19.3	2012	0.4	42	<0.10	<10	———	———
22	12.8	3.4	363	———	———	———	22.7	2423	0.9	96	———	———	———	———
23	12.0	———	———	46	4604	7.7	———	———	0.9	90	<0.10	<10	———	———
24	12.7	———	———	48	5084	———	———	———	———	———	<0.10	<11	———	———
25	12.2	1.7	173	———	———	———	12.0	1221	———	———	———	———	———	———
26	11.3	1.5	141	———	———	7.5	10.7	1008	1.4	132	<0.10	<9	0.02	1.9
27	10.3	1.9	163	54	4639	———	10.0	859	1.2	103	<0.10	<9	———	———
28	11.5	1.9	182	———	———	7.7	13.3	1276	1.3	125	<0.10	<10	———	———
29	11.7	1.9	185	———	———	———	13.3	1298	1.5	146	———	———	———	———
30	11.5	———	———	58	5563	7.6	———	———	1.8	173	<0.10	<10	———	———
AVERAGE	12.3	1.8	186	42	4287	7.7	16.8	1722	<0.7	<76	<0.10	<10	0.02	1.8
HIGHEST VAL.	13.4	3.4	363	58	5563	8.0	23.3	2507	1.8	173	<0.10	<11	0.02	2.2
LOWEST VAL.	10.3	1.1	111	21	1874	7.5	10.0	859	<0.3	<31	<0.10	<9	0.01	1.0
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	368.3													

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04
--MEANS NOT TESTED THIS DATE 219-473-5298

DATE : 5-25-04 ENVIRONMENTAL ENGINEER : Linda A. Harris

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

PERMIT NO IN0000108 OUTFALL 001 Apr-04 APRIL 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	<1.12			0.46	------
2	------	------	------	------	------	------			------	------
3	------	------	------	------	------	------			------	------
4	------	------	------	------	<0.01	<1.04			0.46	------
5	------	------	------	------	------	------			------	------
6	------	------	------	------	<0.01	<1.10			------	------
7	<0.005	<0.5	<0.01	<1.1	------	------			------	------
8	------	------	------	------	<0.01	<1.10			0.70	------
9	------	------	------	------	------	------			------	------
10	------	------	------	------	------	------			------	------
11	------	------	------	------	<0.01	<1.07			0.50	------
12	------	------	------	------	------	------			------	------
13	------	------	------	------	<0.01	<1.03			------	------
14	<0.005	<0.5	<0.01	<1.0	------	------			------	------
15	------	------	------	------	<0.01	<1.03			0.58	------
16	------	------	------	------	------	------			------	------
17	------	------	------	------	------	------			------	------
18	------	------	------	------	<0.01	<1.03			0.58	------
19	------	------	------	------	------	------			------	------
20	------	------	------	------	<0.01	<1.00			------	------
21	<0.005	<0.5	<0.01	<1.0	------	------			------	------
22	------	------	------	------	<0.01	<1.07			0.58	------
23	------	------	------	------	------	------			------	------
24	------	------	------	------	------	------			------	------
25	------	------	------	------	<0.01	<1.02			0.50	------
26	------	------	------	------	------	------			------	------
27	------	------	------	------	<0.01	<0.86			------	------
28	<0.005	<0.5	<0.01	<1.0	------	------			------	------
29	------	------	------	------	<0.01	<0.98			0.54	------
30	------	------	------	------	------	------			------	------
AVERAGE	<0.005	<0.5	<0.01	<1.0	<0.01	<1.03			0.54	0
HIGHEST VAL.	<0.005	<0.5	<0.01	<1.1	<0.01	<1.12			0.70	
LOWEST VAL.	<0.005	<0.5	<0.01	<1.0	<0.01	<0.86			0.46	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04 DATE : 5-25-04 AUTHORIZED AGENT : Richard A. Harris

--MEANS NOT TESTED THIS DATE

219-473-5298

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

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

PERMIT NO IN0000108 OUTFALL 002 Apr-04 APRIL 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	81.1	10	20	0.507	----	----	----	----	2	2	0	----
2	81.2	10	21	0.558	8.3	<0.3	<0.3	<0.3	2	2	0	----
3	80.9	10	22	0.607	----	----	----	----	----	----	----	----
4	79.9	10	22	0.599	----	----	----	----	----	----	----	----
5	82.3	10	22	0.617	8.3	<0.3	<0.3	<0.3	2	2	0	----
6	80.4	10	23	0.653	----	----	----	----	2	2	0	----
7	81.1	10	23	0.659	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
8	81.4	11	24	0.661	----	----	----	----	2	2	0	----
9	81.3	11	24	0.660	8.0	<0.3	<0.3	<0.3	2	2	0	----
10	81.0	11	24	0.658	----	----	----	----	----	----	----	----
11	81.2	11	24	0.659	----	----	----	----	----	----	----	----
12	82.3	11	24	0.668	8.2	<0.3	<0.3	<0.3	2	2	0	----
13	83.6	10	22	0.627	----	----	----	----	2	2	0	----
14	82.3	9	24	0.771	8.2	<0.3	<0.3	<0.3	2	3	0	<0.04
15	80.7	9	24	0.756	----	----	----	----	3	2	0	----
16	80.8	10	25	0.757	8.3	<0.3	0.4	0.3	2	3	1	----
17	80.5	12	25	0.654	----	----	----	----	----	----	----	----
18	81.2	13	26	0.659	----	----	----	----	----	----	----	----
19	81.8	14	27	0.664	8.2	<0.3	<0.3	<0.3	2	2	0	----
20	83.3	14	28	0.729	----	----	----	----	2	2	0	----
21	81.2	14	28	0.710	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
22	82.3	14	27	0.668	----	----	----	----	2	2	0	----
23	81.1	15	28	0.659	8.2	<0.3	<0.3	<0.3	2	2	0	----
24	82.0	15	28	0.666	----	----	----	----	----	----	----	----
25	82.8	15	28	0.672	----	----	----	----	----	----	----	----
26	85.3	15	28	0.693	8.2	<0.3	<0.3	<0.3	2	2	0	----
27	84.1	15	28	0.683	----	----	----	----	2	3	1	----
28	85.3	16	28	0.639	8.3	<0.3	0.3	0.3	2	3	1	<0.04
29	84.0	16	28	0.630	----	----	----	----	2	2	0	----
30	85.6	16	27	0.588	8.3	<0.3	<0.3	<0.3	2	2	0	----
AVERAGE	82.1	12	25	0.658	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
HIGHEST VAL.	85.6	16	28	0.771	8.3	<0.3	0.4	0.3	3	3	1	<0.04
LOWEST VAL.	79.9	9	20	0.507	8.0	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2462.0											

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

--MEANS NOT TESTED THIS DATE

DATE: 5-25-04

ENVIRONMENTAL ENGINEER : Richard A. Harris

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

PERMIT NO. IN0000108 Apr-04 APRIL 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	-------	-------	-------	open
	2	-------	-------	-------	open
	3	-------	-------	-------	open
	4	-------	-------	-------	open
	5	-------	-------	-------	closed
	6	-------	-------	-------	closed
	7	7.8	2.1	33	open
	8	-------	-------	-------	open
	9	-------	-------	-------	open
	10	-------	-------	-------	closed
	11	-------	-------	-------	closed
	12	-------	-------	-------	closed
	13	-------	-------	-------	closed
	14	-------	-------	-------	closed
	15	-------	-------	-------	closed
	16	-------	-------	-------	closed
	17	-------	-------	-------	closed
	18	-------	-------	-------	closed
	19	-------	-------	-------	closed
	20	-------	-------	-------	closed
	21	-------	-------	-------	closed
	22	-------	-------	-------	closed
	23	-------	-------	-------	closed
	24	-------	-------	-------	closed
	25	-------	-------	-------	closed
	26	-------	-------	-------	closed
	27	-------	-------	-------	closed
	28	-------	-------	-------	closed
	29	-------	-------	-------	closed
	30	-------	-------	-------	closed
AVERAGE		7.8	2.1	33	
HIGHEST VAL.		7.8	2.1	33	
LOWEST VAL.		7.8	2.1	33	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen NO. 14118 DATE : 5-25-04 ENVIRONMENTAL ENGINEER : Richard A. Harris

219-473-5298 exp. Date 6/30/04

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

PERMIT NO. IN0000108 Apr-04 APRIL 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	-------	-------	-------	open
	2	-------	-------	-------	open
	3	-------	-------	-------	closed
	4	-------	-------	-------	closed
	5	-------	-------	-------	closed
	6	-------	-------	-------	closed
	7	8.7	2.7	29	open
	8	-------	-------	-------	open
	9	-------	-------	-------	closed
	10	-------	-------	-------	closed
	11	-------	-------	-------	closed
	12	-------	-------	-------	closed
	13	-------	-------	-------	closed
	14	-------	-------	-------	closed
	15	-------	-------	-------	closed
	16	-------	-------	-------	closed
	17	-------	-------	-------	closed
	18	-------	-------	-------	closed
	19	-------	-------	-------	closed
	20	-------	-------	-------	closed
	21	-------	-------	-------	closed
	22	-------	-------	-------	closed
	23	-------	-------	-------	closed
	24	-------	-------	-------	closed
	25	-------	-------	-------	closed
	26	-------	-------	-------	closed
	27	-------	-------	-------	closed
	28	-------	-------	-------	closed
	29	8.4	0.6	36	open
	30	-------	-------	-------	open
AVERAGE		8.6	1.7	33	
HIGHEST VAL.		8.7	2.7	36	
LOWEST VAL.		8.4	0.6	29	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR: David J. Olen NO. 14118 DATE: 5-25-04 ENVIRONMENTAL ENGINEER: Richard A. Harris
219-473-5298 exp. Date 6/30/04

bp

Dennis J. Seith
Business Unit Leader
Whiting Business Unit

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
May 27, 2004

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 219 545 5297
seithdj@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 April 2004, 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,

Dennis J. Seith /RHC

Dennis J. Seith
Business Unit Leader

Attachments

OFFICE OF WATER MANAGEMENT IDEM
MAY 28 4 25 PM '04

1002 3150 0005 03445487

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: DENNIS J. SEITH, 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

IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

IN0000108001A0304

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
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	200	699	(26) LBS/DY	********	1.8	6.3	(19) MG/L		5 TIMES/ WEEK	COMP 24
	PERMIT REQUIREMENT	4161 MO AVG	8162 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD) 00335 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4337	10083	(26) LBS/DY	********	40	65	(19) MG/L		3/WEEK	COMP 24
	PERMIT REQUIREMENT	30323 MO AVG	33427 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		7.7	********	7.9	(12) SU		3/WEEK	GRAB
	PERMIT REQUIREMENT			********	6.5 MINIMUM		9 MAXIMUM				
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1465	2434	(26) LBS/DY	********	13.2	20.7	(19) MG/L		5 TIMES/ WEEK	COMP 24
	PERMIT REQUIREMENT	3646 MO AVG	5092 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<125	388	(26) LBS/DY	********	<1.1	3.3	(19) MG/L		WEEK-DAYS	GRAB
	PERMIT REQUIREMENT	1368 MO AVG	2500 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<11	<16	(26) LBS/DY	********	<0.10	<0.10	(19) MG/L		5 TIMES/ WEEK	COMP 24
	PERMIT REQUIREMENT	1060 MO AVG	2060 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
SULFIDE, TOTAL (AS S) 00745 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.9	2.4	(26) LBS/DY	********	<0.02	0.02	(19) MG/L		WEEKLY	COMP 24
	PERMIT REQUIREMENT	231 MO AVG	514 DAILY MX			REPORT MO AVG	REPORT DAILY MX				

NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	27	2004
AREA CODE	NUMBER	MO	DAY	YEAR

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: DENNIS J. SEITH , 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

IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

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
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.6	<0.6	(26) LBS/DY	********	<0.005	<0.005	(19) MG/L		WEEKLY	COMP 24
	PERMIT REQUIREMENT	2.01 MO AVG	4.48 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.1	<1.2	(26) LBS/DY	********	<0.01	<0.01	(19) MG/L		WEEKLY	COMP 24
	PERMIT REQUIREMENT	23.9 MO AVG	68.53 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
SELENIUM, TOTAL (AS SE) 01147 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	2.35	(26) LBS/DY	********	********	0.02	(28) UG/L		SEMI-ANNUAL	COMP 24
	PERMIT REQUIREMENT		REPORT DAILY MX			MO AVG	REPORT DAILY MX				
PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.10	1.23	(26) LBS/DY	********	<0.01	0.01	(19) MG/L		3/WEEK	COMP 24
	PERMIT REQUIREMENT	20.33 MO AVG	73.01 DAILY MX			REPORT MO AVG	REPORT DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	13.3	18.6	(03) MGD	********	********	********	********		DAILY	CONT
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX								
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	411.7	(3R) MGAL	********	********	********	********		ONCE/MONTH	RCOTO
	PERMIT REQUIREMENT		REPORT MO TOTAL								
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

TYPED OR PRINTED

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Dennis J Seith

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	27	200
AREA CODE	NUMBER	MO	DAY	YEA

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

INDUSTRIAL MAJO
WHITING, LAKE COUNT

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: DENNIS J. SEITH , PLANT MGR.

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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

MAJOR
F - FINAL
EFFLUENT

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

*IN0000108002A0304

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

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TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		********	19	21	(04) DEG.C		5 TIMES/ WEEK	CONTIN
	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 [redacted] 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********		********	7	10	(04) DEG.C		5 TIMES/ WEEK	CONTIN
	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX				
WASTE HEAT REJECTION RATE 00179 [redacted] 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	630	736	(05)	********	********	********	********		5 TIMES/ WEEK	CONTIN
	PERMIT REQUIREMENT	1700 MO AVG	2000 MX DA AV	MBTU/ HR							
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		8.2	********	8.4	(12) SU		3/WEEK	GRAB
	PERMIT REQUIREMENT			********	7 MINIMUM		9 MAXIMUM			THREE WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********		********	< 0.4	1.0	(19) MG/L		3/WEEK	GRAB
	PERMIT REQUIREMENT			********		REPORT MO AVG	5.0 DAILY MX			THREE WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 [redacted] 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********		********	<0.3	0.6	(19) MG/L		3/WEEK	GRAB
	PERMIT REQUIREMENT			********		REPORT MO AVG	5.0 DAILY MX			THREE WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 [redacted] 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********		********	<0.3	0.4	(19) MG/L		3/WEEK	GRAB
	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX			THREE WEEK	GRAB

NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	27	200
AREA CODE	NUMBER	MO	DAY	YEAR

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: DENNIS J. SEITH , 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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

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

*** NO DISCHARGE [ ] ***

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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
CARBON, TOT ORGANIC (TOC) 00680 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L		5 TIMES/ WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX				
CARBON, TOT ORGANIC (TOC) 00680 [redacted] 0 0 EFFLUENT [redacted]T VALUE	SAMPLE MEASUREMENT	********	********	********	********	0	1	(19) MG/L		5 TIMES/ WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX				
CARBON, T[redacted] ORGANIC (TOC) 00680 [redacted] 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L		5 TIMES/ WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	82.9	84.8	(03) MGD	********	********	********	********		DAILY	CONTI
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX								
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	< 0.04	< 0.04	(19) MG/L		WEEKLY	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	0.05 DAILY MX				
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	2570.6	(3R) MGAL	********	********	********	********		ONCE/ MONTH	RCOTO
	PERMIT REQUIREMENT		REPORT MO TOTAL								
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

TYPED OR PRINTED

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Dennis J Seith

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AREA CODE	NUMBER	MO	DAY	YEA
219	473-3179	04	27	200

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

INDUSTRIAL MAJO
WHITING, LAKE COUNT

INDUSTRIAL MAJOR, LAKE COUNTY

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

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2815 INDIANAPOLIS BOULEVARD
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LOCATION WHITING
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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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

*IN0000108003A0304

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

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

*** NO DISCHARGE ☐ ***

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PH	SAMPLE MEASUREMENT	********	********		8.0	********	8.1	(12)		WEEKLY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	6 MINIMUM		9 MAXIMUM	SU			
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	1.6	2.5	(19)		WEEKLY	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	15.0 DAILY MX	MG/L			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	28	35	(19)		WEEKLY	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	110 DAILY MX	MG/L			
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 OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	27	2004
AREA CODE	NUMBER	MO	DAY	YEAR

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: DENNIS J. SEITH, 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

PERMIT NUMBER	DISCHARGE NUMBER
IN0000108	[redacted]

MONITORING PERIOD	MO	DAY	YEAR		MO	DAY	YEAR
FROM	03	01	04	TO	03	31	04

*IN0000108004A0304

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	********	********		8.3	********	8.6	(12)		WEEKLY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	6 MINIMUM		9 MAXIMUM	SU			
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	1.8	2.4	(19)		ONCE/MONTH	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	15 DAILY MX	MG/L			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	26	34	(19)		WEEKLY	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	110 DAILY MX	MG/L			
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 OR AUTHORIZED AGENT

Authorized Agent:
Dennis J. Seith
Business Unit Leader

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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	27	200
AREA CODE	NUMBER	MO	DAY	YEAI

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

INDUSTRIAL MAJOI
WHITING, LAKE COUNT

INDUSTRIAL MAJOR, LAKE COUNTY

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

PERMIT NO IN0000108 OUTFALL 001 Mar-04 MAR 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	13.3	6.3	699	—	—	7.8	16.7	1852	1.8	200	<0.10	<11	0.02	2.2
2	10.4	2.5	217	42	3643	—	12.7	1102	1.7	147	<0.10	<9	—	—
3	14.1	2.7	318	—	—	7.7	20.7	2434	3.3	388	<0.10	<12	—	—
4	14.8	2.2	272	—	—	—	14.7	1814	2.3	284	—	—	—	—
5	18.6	—	—	65	10083	7.7	—	—	1.6	248	<0.10	<16	—	—
6	16.2	—	—	43	5810	—	—	—	—	—	<0.10	<14	—	—
7	14.6	1.5	183	—	—	—	7.3	889	—	—	—	—	—	—
8	14.4	1.6	192	—	—	7.7	8.5	1021	1.2	144	<0.10	<12	0.02	2.4
9	14.6	1.9	231	41	4992	—	11.5	1400	1.4	170	<0.10	<12	—	—
10	12.4	1.6	165	—	—	7.9	11.5	1189	1.3	134	<0.10	<10	—	—
11	13.2	1.4	154	—	—	—	12.5	1376	1.2	132	—	—	—	—
12	10.2	—	—	42	3573	7.7	—	—	0.9	77	<0.10	<9	—	—
13	12.7	—	—	35	3707	—	—	—	—	—	<0.10	<11	—	—
14	13.7	1.2	137	—	—	—	10.0	1143	—	—	—	—	—	—
15	13.5	1.6	180	—	—	7.7	13.0	1464	<0.3	<34	<0.10	<11	0.02	2.3
16	14.2	2.3	272	45	5329	—	18.0	2132	0.7	83	<0.10	<12	—	—
17	13.2	1.9	209	—	—	7.8	17.5	1927	1.3	143	<0.10	<11	—	—
18	13.5	1.8	203	—	—	—	17.5	1970	0.7	79	—	—	—	—
19	11.7	—	—	41	4001	7.8	—	—	0.9	88	<0.10	<10	—	—
20	12.2	—	—	39	3968	—	—	—	—	—	<0.10	<10	—	—
21	13.2	1.6	176	—	—	—	17.0	1871	—	—	—	—	—	—
22	12.9	1.2	129	—	—	7.8	10.0	1076	0.7	75	<0.10	<11	<0.00	<0.0
23	13.5	1.0	113	28	3153	—	3.5	394	0.4	45	<0.10	<11	—	—
24	13.3	1.3	144	—	—	7.8	11.0	1220	0.4	44	<0.10	<11	—	—
25	10.9	1.2	109	—	—	—	10.0	909	0.5	45	—	—	—	—
26	11.6	—	—	26	2515	7.7	—	—	0.4	39	<0.10	<10	—	—
27	12.5	—	—	23	2398	—	—	—	—	—	<0.10	<10	—	—
28	12.9	1.1	118	—	—	—	9.6	1033	—	—	—	—	—	—
29	14.5	1.2	145	—	—	7.9	15.2	1838	1.0	121	<0.10	<12	0.02	2.4
30	12.4	1.0	103	31	3206	—	17.0	1758	0.6	62	<0.10	<10	—	—
31	12.5	1.2	125	—	—	7.8	18.0	1877	0.9	94	<0.10	<10	—	—
AVERAGE	13.3	1.8	200	40	4337	7.8	13.2	1465	<1.1	<125	<0.10	<11	<0.02	<1.9
HIGHEST VAL.	18.6	6.3	699	65	10083	7.9	20.7	2434	3.3	388	<0.10	<16	0.02	2.4
LOWEST VAL.	10.2	1.0	103	23	2398	7.7	3.5	394	<0.3	<34	<0.10	<9	<0.00	<0.0
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	411.7													

CERTIFIED OPERATOR : David J. Olen No. 14118 exp. 6/30/04 DATE : 4-21-04 ENVIRONMENTAL ENGINEER :

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

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

PERMIT NO	IN0000108	OUTFALL 001		Mar-04	MAR 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	———	———	———	———	———	———			———	———
	2	———	———	———	———	<0.01	<0.87			———	———
	3	<0.005	<0.6	<0.01	<1.2	———	———			———	———
	4	———	———	———	———	0.01	1.23			0.07	———
	5	———	———	———	———	———	———			———	———
	6	———	———	———	———	———	———			———	———
	7	———	———	———	———	<0.01	<1.22			0.63	———
	8	———	———	———	———	———	———			———	———
	9	———	———	———	———	<0.01	<1.22			———	———
	10	<0.005	<0.5	<0.01	<1.0	———	———			———	———
	11	———	———	———	———	<0.01	<1.10			0.74	———
	12	———	———	———	———	———	———			———	———
	13	———	———	———	———	———	———			———	———
	14	———	———	———	———	<0.01	<1.14			0.95	———
	15	———	———	———	———	———	———			———	———
	16	———	———	———	———	<0.01	<1.18	0.02	2.35	———	———
	17	<0.005	<0.6	<0.01	<1.1	———	———			———	———
	18	———	———	———	———	<0.01	<1.13			0.62	———
	19	———	———	———	———	———	———			———	———
	20	———	———	———	———	———	———			———	———
	21	———	———	———	———	<0.01	<1.10			0.74	———
	22	———	———	———	———	———	———			———	———
	23	———	———	———	———	<0.01	<1.13			———	———
	24	<0.005	<0.6	<0.01	<1.1	———	———			———	———
	25	———	———	———	———	<0.01	<0.91			0.46	———
	26	———	———	———	———	———	———			———	———
	27	———	———	———	———	———	———			———	———
	28	———	———	———	———	<0.01	<1.08			0.62	———
	29	———	———	———	———	———	———			———	———
	30	———	———	———	———	<0.01	<1.03			———	———
	31	<0.005	<0.5	<0.01	<1.0	———	———			———	———
AVERAGE		<0.005	<0.6	<0.01	<1.1	<0.01	<1.10			0.60	0
HIGHEST VAL.		<0.005	<0.6	<0.01	<1.2	0.01	1.23			0.95	
LOWEST VAL.		<0.005	<0.5	<0.01	<1.0	<0.01	<0.87			0.07	
OVER LIMIT			0		0		0				0

CERTIFIED OPERATOR : David Jr. Olen NO. 14118 exp. 6/30/04 DATE : 4-21-04 AUTHORIZED AGENT : [signature]

--MEANS NOT TESTED THIS DATE

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

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

PERMIT NO IN0000108 OUTFALL 002 Mar-04 MAR 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	83.4	6	20	0.729	8.2	0.4	1.0	0.6	3	3	0	———
2	83.6	6	19	0.679	———	———	———	———	3	3	1	———
3	82.1	5	19	0.718	8.3	0.3	0.7	0.4	3	3	1	<0.04
4	82.9	6	19	0.673	———	———	———	———	3	3	0	———
5	83.6	7	19	0.627	8.3	0.4	0.3	0.0	3	3	0	———
6	83.3	7	19	0.625	———	———	———	———	———	———	———	———
7	82.1	7	19	0.616	———	———	———	———	———	———	———	———
8	84.0	7	19	0.630	8.3	<0.3	<0.3	<0.3	2	3	1	———
9	83.3	8	20	0.625	———	———	———	———	2	3	1	———
10	82.7	8	21	0.672	8.3	<0.3	0.3	0.3	2	2	0	<0.04
11	84.8	8	21	0.689	———	———	———	———	2	2	0	———
12	84.4	6	19	0.685	8.3	<0.3	<0.3	<0.3	2	2	0	———
13	83.1	8	20	0.623	———	———	———	———	———	———	———	———
14	82.7	8	20	0.620	———	———	———	———	———	———	———	———
15	83.7	7	20	0.680	8.3	<0.3	<0.3	<0.3	2	2	0	———
16	84.2	6	20	0.736	———	———	———	———	2	2	0	———
17	83.9	8	19	0.577	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
18	82.8	8	18	0.517	———	———	———	———	2	2	0	———
19	82.7	6	18	0.620	8.3	<0.3	<0.3	<0.3	2	2	0	———
20	82.5	6	18	0.619	———	———	———	———	———	———	———	———
21	82.6	6	18	0.619	———	———	———	———	———	———	———	———
22	82.5	6	18	0.619	8.3	<0.3	<0.3	<0.3	2	2	0	———
23	83.0	6	18	0.622	———	———	———	———	2	2	0	———
24	82.2	6	18	0.616	8.4	<0.3	<0.3	<0.3	2	2	0	<0.04
25	81.6	6	18	0.612	———	———	———	———	2	2	0	———
26	81.3	7	19	0.610	8.3	<0.3	<0.3	<0.3	2	2	0	———
27	83.5	7	19	0.626	———	———	———	———	———	———	———	———
28	83.5	7	19	0.626	———	———	———	———	———	———	———	———
29	81.4	8	20	0.610	8.3	<0.3	<0.3	<0.3	2	2	0	———
30	82.0	10	20	0.512	———	———	———	———	2	2	0	———
31	81.2	10	20	0.507	8.3	<0.3	<0.3	<0.3	2	2	0	<0.04
AVERAGE	82.9	7	19	0.630	8.3	<0.3	<0.4	<0.3	2	2	0	<0.04
HIGHEST VAL.	84.8	10	21	0.736	8.4	0.4	1.0	0.6	3	3	1	<0.04
LOWEST VAL.	81.2	5	18	0.507	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2570.6											

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04 DATE: 4-21-04 ENVIRONMENTAL ENGINEER : Richard A. Harris

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

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

PERMIT NO. IN0000108 Mar-04 MAR 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	1.0	9	open
	2	--------	--------	--------	open
	3	--------	--------	--------	open
	4	--------	--------	--------	open
	5	--------	--------	--------	open
	6	--------	--------	--------	open
	7	--------	--------	--------	open
	8	8.0	1.6	31	open
	9	--------	--------	--------	open
	10	--------	--------	--------	open
	11	--------	--------	--------	open
	12	--------	--------	--------	open
	13	--------	--------	--------	open
	14	--------	--------	--------	open
	15	--------	--------	--------	closed
	16	--------	--------	--------	closed
	17	8.1	2.5	35	open
	18	--------	--------	--------	open
	19	--------	--------	--------	open
	20	--------	--------	--------	open
	21	--------	--------	--------	open
	22	--------	--------	--------	closed
	23	--------	--------	--------	closed
	24	8.1	1.3	35	open
	25	--------	--------	--------	open
	26	--------	--------	--------	open
	27	--------	--------	--------	open
	28	--------	--------	--------	open
	29	8.0	1.8	32	open
	30	--------	--------	--------	open
	31	--------	--------	--------	open
AVERAGE		8.0	1.6	28	
HIGHEST VAL.		8.1	2.5	35	
LOWEST VAL.		8.0	1.0	9	
OVER LIMIT		0	0	0	

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

DATE : 4-21-04 ENVIRONMENTAL ENGINEER : Richard A. Nami

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

PERMIT NO. IN0000108 Mar-04 MAR 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	8.4	2.4	20	open
	2	--------	--------	--------	open
	3	--------	--------	--------	closed
	4	--------	--------	--------	closed
	5	--------	--------	--------	open
	6	--------	--------	--------	open
	7	--------	--------	--------	closed
	8	--------	--------	--------	closed
	9	8.3	1.0	17	open
	10	--------	--------	--------	open
	11	--------	--------	--------	open
	12	--------	--------	--------	closed
	13	--------	--------	--------	closed
	14	--------	--------	--------	closed
	15	--------	--------	--------	closed
	16	--------	--------	--------	closed
	17	--------	--------	--------	closed
	18	8.4	2.2	25	open
	19	--------	--------	--------	open
	20	--------	--------	--------	closed
	21	--------	--------	--------	closed
	22	--------	--------	--------	closed
	23	--------	--------	--------	closed
	24	8.6	1.0	34	open
	25	--------	--------	--------	open
	26	--------	--------	--------	closed
	27	--------	--------	--------	closed
	28	--------	--------	--------	closed
	29	8.4	2.2	34	open
	30	--------	--------	--------	open
	31	--------	--------	--------	closed
AVERAGE		8.4	1.8	26	
HIGHEST VAL.		8.6	2.4	34	
LOWEST VAL.		8.3	1.0	17	
OVER LIMIT		0	0	0	

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

DATE : 4-21-04 ENVIRONMENTAL ENGINEER : Richard A. Hamm