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

PERMIT NO	IN0000108	OUTFALL 001	Nov-03	NOV 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	1.51			0.74	--------
3	--------	--------	--------	--------	--------	--------			--------	--------
4	--------	--------	--------	--------	<0.01	<1.66			--------	--------
5	<0.005	<0.7	<0.01	<1.4	--------	--------			--------	--------
6	--------	--------	--------	--------	<0.01	<1.45			0.31	--------
7	--------	--------	--------	--------	--------	--------			--------	--------
8	--------	--------	--------	--------	--------	--------			--------	--------
9	--------	--------	--------	--------	<0.01	<1.48			0.58	--------
10	--------	--------	--------	--------	--------	--------			--------	--------
11	--------	--------	--------	--------	<0.01	<1.53			--------	--------
12	<0.005	<0.7	<0.01	<1.4	--------	--------			--------	--------
13	--------	--------	--------	--------	<0.01	<1.23			0.50	--------
14	--------	--------	--------	--------	--------	--------			--------	--------
15	--------	--------	--------	--------	--------	--------			--------	--------
16	--------	--------	--------	--------	<0.01	<1.25			0.58	--------
17	--------	--------	--------	--------	--------	--------			--------	--------
18	--------	--------	--------	--------	<0.01	<1.56			--------	--------
19	<0.005	<0.7	<0.01	<1.4	--------	--------			--------	--------
20	--------	--------	--------	--------	<0.01	<1.27			0.41	--------
21	--------	--------	--------	--------	--------	--------			--------	--------
22	--------	--------	--------	--------	--------	--------			--------	--------
23	--------	--------	--------	--------	<0.01	<1.52			0.62	--------
24	--------	--------	--------	--------	--------	--------			--------	--------
25	--------	--------	--------	--------	<0.01	<1.22			--------	--------
26	<0.005	<0.7	<0.01	<1.3	--------	--------			--------	--------
27	--------	--------	--------	--------	<0.01	<1.08			0.45	--------
28	--------	--------	--------	--------	--------	--------			--------	--------
29	--------	--------	--------	--------	--------	--------			--------	--------
30	--------	--------	--------	--------	<0.01	<1.28			0.45	--------
AVERAGE	<0.005	<0.7	<0.01	<1.4	<0.01	<1.39			0.52	0
HIGHEST VAL.	<0.005	<0.7	<0.01	<1.4	0.01	<1.66			0.74	
LOWEST VAL.	<0.005	<0.7	<0.01	<1.3	<0.01	<1.08			0.31	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. Olen NO. 14118 DATE : 12-22-03 AUTHORIZED AGENT : Richard A. Hamm

--MEANS NOT TESTED THIS DATE

exp. Date 6/30/04

**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 001 Nov-03 NOV 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	14.6	--------	--------	26	3166	--------	--------	--------	--------	--------	<0.10	<12	--------	--------
2	18.1	0.7	106	--------	--------	--------	5.2	785	--------	--------	--------	--------	--------	--------
3	18.4	0.7	107	--------	--------	7.5	4.0	614	<0.3	<46	<0.10	<15	0.02	3.1
4	19.9	0.8	133	27	4481	--------	5.6	929	<0.3	<50	<0.10	<17	--------	--------
5	17.3	0.9	130	--------	--------	7.8	10.4	1501	0.9	130	<0.10	<14	--------	--------
6	17.4	0.9	131	--------	--------	--------	4.8	697	0.6	87	--------	--------	--------	--------
7	17.7	--------	--------	40	5905	7.8	--------	--------	0.5	74	<0.10	<15	--------	--------
8	18.8	--------	--------	50	7840	--------	--------	--------	--------	--------	<0.10	<16	--------	--------
9	17.8	1.0	148	--------	--------	--------	6.8	1009	--------	--------	--------	--------	--------	--------
10	18.0	1.2	180	--------	--------	7.9	8.0	1201	0.5	75	<0.10	<15	0.01	1.5
11	18.4	0.9	138	28	4297	--------	7.2	1105	0.4	61	<0.10	<15	--------	--------
12	17.3	1.6	231	--------	--------	7.8	8.4	1212	0.5	72	<0.10	<14	--------	--------
13	14.8	1.8	222	--------	--------	--------	12.0	1481	0.8	99	--------	--------	--------	--------
14	14.3	--------	--------	58	6917	7.9	--------	--------	0.5	60	<0.10	<12	--------	--------
15	15.5	--------	--------	41	5300	--------	--------	--------	--------	--------	<0.10	<13	--------	--------
16	15.0	0.9	113	--------	--------	--------	8.8	1101	--------	--------	--------	--------	--------	--------
17	15.2	0.9	114	--------	--------	8	13.6	1724	0.7	89	<0.10	<13	0.01	1.3
18	18.7	1.3	203	42	6550	--------	14.0	2183	0.7	109	<0.10	<16	--------	--------
19	16.2	1.3	176	--------	--------	7.5	5.2	703	0.6	81	<0.10	<14	--------	--------
20	15.2	1.1	139	--------	--------	--------	12.6	1597	0.8	101	--------	--------	--------	--------
21	15.9	--------	--------	36	4774	7.9	--------	--------	0.5	66	<0.10	<13	--------	--------
22	18.4	--------	--------	39	5985	--------	--------	--------	--------	--------	<0.10	<15	--------	--------
23	18.2	1.7	258	--------	--------	--------	20.8	3157	--------	--------	--------	--------	--------	--------
24	16.5	2.0	275	--------	--------	7.6	18.0	2477	1.4	193	<0.10	<14	<0.00	<0.0
25	14.6	1.8	219	51	6210	--------	24.8	3020	1.4	170	<0.10	<12	--------	--------
26	15.9	1.8	239	--------	--------	7.3	22.0	2917	1.0	133	<0.10	<13	--------	--------
27	13.0	1.8	195	--------	--------	--------	14.4	1561	0.8	87	--------	--------	--------	--------
28	15.4	--------	--------	48	6165	7.7	--------	--------	0.8	103	<0.10	<13	--------	--------
29	14.2	--------	--------	30	3553	--------	--------	--------	--------	--------	<0.10	<12	--------	--------
30	15.4	1.5	193	--------	--------	--------	15.2	1952	--------	--------	--------	--------	--------	--------
AVERAGE	16.5	1.2	174	39	5473	7.7	11.2	1568	<0.7	<94	<0.10	<14	<0.01	<1.5
HIGHEST VAL.	19.9	2.0	275	58	7840	8.0	24.8	3157	1.4	193	<0.10	<17	0.02	3.1
LOWEST VAL.	13.0	0.7	106	26	3166	7.3	4.0	614	<0.3	<46	<0.10	<12	<0.00	<0.0
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	496.1													

CERTIFIED OPERATOR : David J. Olen NO.14118 exp. Date 6/30/04 DATE : 12-22-03 ENVIRONMENTAL ENGINEER : Richard A. Vance

--MEANS NOT TESTED THIS DATE

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

IN0000108004A1103

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	11	01	TO	03	11	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	********	********		7.6	********	8.0	(12)		1X/WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	6 MINIMUM	********	9 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	0.5	0.9	(19)		ONCE/MONTH	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	********	REPORT MO AVG	30 DAILY MX	MG/L		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	24	42	(19)		1X/WEEK	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	********	REPORT MO AVG	110 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			
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

IN0000108	[redacted]
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PH	SAMPLE MEASUREMENT	********	********		6.8	********	7.9	(12)		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	********	********		********	0.5	0.9	(19)		1X/WEEK	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	15.0 DAILY MX	MG/L		WEEKLY	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	21	35	(19)		1X/WEEK	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	110 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

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Ashok K Jhawar

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179			
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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

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	11	01	TO	03	11	30

IN0000108002A1103

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

*** NO DISCHARGE ☐ ***

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CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	3	4	(19)	0	5 TIME /WEEK	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	0	0	(19)	0	5 TIME /WEEK	GRAB
00680 2 0 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	4	8	(19)	0	5 TIME /WEEK	GRAB
00680 7 0 0 INTAKE FROM STREAM	PERMIT REQUIREMENT			********		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	81.2	85.4	(03)	********	********	********		0	DAILY	CONTIN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD				********		DAILY	CONTIN
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	********	********		********	<0.04	<0.04	(19)	0	1X /WEEK	GRAB
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	0.05 DAILY MX	MG/L		1 TIME/WEEK	GRAB
FLOW, TOTAL	SAMPLE MEASUREMENT	********	2434.6	(3R)	********	********	********		0	ONCE/ MONTH	RCOTOT
82220 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		REPORT MO TOTAL	MGAL				********		ONCE/ MONTH	RCOTOT
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

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

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Ashok K. Jhawar

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

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INDUSTRIAL MAJOR
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INDUSTRIAL MAJOR, LAKE COUNTY

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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

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IN0000108	[redacted]
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TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	26	28	(04) DEG.C	0	5TIME /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	********	********	********	********	11	14	(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	764	874	(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	********	********	********	8.1	********	8.2	(12) SU	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT				MINIMUM		9 MAXIMUM			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.3	0.4	(19) MG/L	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	5.0 DAILY MX			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.3	0.3	(19) MG/L	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	5.0 DAILY MX			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	<0.3	<0.3	(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

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TELEPHONE		DATE		
219	473-3179			
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

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WHITING IN 46394
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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

PERMIT NUMBER	DISCHARGE NUMBER
IN0000108	001A

* I N 0 0 0 0 1 0 8 0 0 1 A 1 1 0 3 *

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	11	01	TO	03	11	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
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.7	<0.7	(26) LBS/DY	********	<0.005	<0.005	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	2.01 MO AVG	4.48 DAILY MX			REPORT MO AVG	REPORT DAILY MX			1 WEEK	COMP24
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.4	<1.4	(26) LBS/DY	********	<0.01	<0.01	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	23.9 MO AVG	68.54 DAILY MX			REPORT MO AVG	REPORT DAILY MX			1 WEEK	COMP24
PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.38	<1.66	(26) LBS/DY	********	<0.01	0.01	(19) MG/L	0	THREE/ WEEK	COMP 24
	PERMIT REQUIREMENT	26.33 MO AVG	73.01 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	16.5	19.9	(03) MGD	********	********	********	********	0	DAILY	CONTIN
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX							DAILY	CONTIN
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	496.1	(3R) MGAL	********	********	********	********	0	ONCE/ MONTH	RCOTOT
	PERMIT REQUIREMENT		REPORT MO TOTAL							ONCE/ MONTH	RCOTOT
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 AREA CODE	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
219	473-3179			

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

IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	11	01	TO	03	11	30

IN0000108001A1103

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)	SAMPLE MEASUREMENT	174	275	(26)	********	1.2	2.0	(19)	0	5 TIME /WEEK	COMP 24
00310 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	416 MO AVG	1164 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	COMP24
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD)	SAMPLE MEASUREMENT	5473	7840	(26)	********	39	58	(19)	0	THREE/ WEEK	COMP 24
00335 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30326 MO AVG	58427 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		THREE/WEEK	COMP24
PH	SAMPLE MEASUREMENT	********	********		7.3	********	8.0	(12)	0	THREE/ WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	6.5 MINIMUM		9 MAXIMUM	SU		THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1568	3157	(26)	********	14.2	24.8	(19)	0	5 TIME /WEEK	COMP 24
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8646 MO AVG	16894 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	COMP24
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	<94	193	(26)	********	<0.7	1.4	(19)	0	WEEK-DAYS	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1368 MO AVG	2800 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		WEEK-DAYS	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	<14	<17	(26)	********	<0.10	<0.10	(19)	0	5 TIME /WEEK	COMP 24
00610 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1030 MO AVG	2060 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	COMP24
SULFIDE, TOTAL (AS S)	SAMPLE MEASUREMENT	<1.5	3.1	(26)	********	<0.01	0.02	(19)	0	1X /WEEK	COMP 24
00745 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	22 MO AVG	54 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		1 WEEKLY	COMP24

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			
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

bp

Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

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

DEC 5 11 03 AM '02

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

November 26, 2002

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 October, 2002, 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

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

PERMIT NO. IN0000108 Oct-02 OCT 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	--------	--------	--------	closed
	2	--------	--------	--------	closed
	3	--------	--------	--------	closed
	4	--------	--------	--------	closed
	5	--------	--------	--------	closed
	6	--------	--------	--------	closed
	7	--------	--------	--------	closed
	8	--------	--------	--------	closed
	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	--------	--------	--------	closed
	30	--------	--------	--------	closed
	31	--------	--------	--------	closed
AVERAGE		0.0	0.0	0	
HIGHEST VAL.		0.0	0.0	0	
LOWEST VAL.		0.0	0.0	0	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen NO.14118 exp. 6/30/04 DATE : ENVIRONMENTAL ENGINEER : 11-25-0

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

PERMIT NO. IN0000108 Oct-02 OCT 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	--------	--------	--------	closed
	2	--------	--------	--------	closed
	3	--------	--------	--------	closed
	4	--------	--------	--------	closed
	5	--------	--------	--------	closed
	6	--------	--------	--------	closed
	7	--------	--------	--------	closed
	8	--------	--------	--------	closed
	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	--------	--------	--------	closed
	30	--------	--------	--------	closed
	31	--------	--------	--------	closed
AVERAGE		0.0	0.0	0	
HIGHEST VAL.		0.0	0.0	0	
LOWEST VAL.		0.0	0.0	0	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04 DATE : ENVIRONMENTAL ENGINEER :

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

PERMIT NO IN0000108 OUTFALL 002 Oct-02 OCT 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	91.4	24	35	0.628	--------	--------	--------	--------	3	3	0	--------
2	91.1	24	35	0.626	8.3	<0.3	<0.3	<0.3	2	3	1	<0.04
3	90.3	25	36	0.621	--------	--------	--------	--------	2	3	0	--------
4	91.2	24	35	0.627	8.3	<0.3	<0.3	<0.3	2	3	1	--------
5	91.5	23	34	0.629	--------	--------	--------	--------	--------	--------	--------	--------
6	91.6	23	35	0.687	--------	--------	--------	--------	--------	--------	--------	--------
7	91.4	23	34	0.628	8.2	<0.3	<0.3	<0.3	3	3	0	--------
8	89.7	22	34	0.672	--------	--------	--------	--------	2	3	1	--------
9	89.4	22	33	0.614	8.2	<0.3	<0.3	<0.3	2	3	0	<0.04
10	89.4	21	32	0.614	--------	--------	--------	--------	2	3	0	--------
11	79.7	21	32	0.548	8.3	<0.3	0.3	0.3	2	3	1	--------
12	95.6	22	33	0.657	--------	--------	--------	--------	--------	--------	--------	--------
13	96.0	22	33	0.660	--------	--------	--------	--------	--------	--------	--------	--------
14	96.7	21	33	0.725	8.3	<0.3	<0.3	<0.3	2	3	0	--------
15	94.3	20	32	0.707	--------	--------	--------	--------	2	3	0	--------
16	93.3	19	31	0.699	8.3	<0.3	<0.3	<0.3	2	3	0	<0.04
17	93.7	18	31	0.761	--------	--------	--------	--------	2	3	0	--------
18	95.2	18	30	0.714	8.1	<0.3	<0.3	<0.3	3	3	0	--------
19	94.9	18	30	0.711	--------	--------	--------	--------	--------	--------	--------	--------
20	95.7	17	30	0.777	--------	--------	--------	--------	--------	--------	--------	--------
21	95.6	17	29	0.717	8.2	<0.3	<0.3	<0.3	2	2	0	--------
22	94.4	17	29	0.708	--------	--------	--------	--------	2	2	0	--------
23	93.9	16	29	0.763	8.2	<0.3	<0.3	<0.3	2	3	1	<0.04
24	94.0	15	29	0.822	--------	--------	--------	--------	2	3	1	--------
25	94.4	15	29	0.826	8.1	<0.3	<0.3	<0.3	3	3	1	--------
26	93.2	15	29	0.815	--------	--------	--------	--------	--------	--------	--------	--------
27	92.5	15	29	0.809	--------	--------	--------	--------	--------	--------	--------	--------
28	92.9	14	32	1.045	8.1	<0.3	<0.3	<0.3	2	3	0	--------
29	91.7	13	31	1.031	--------	--------	--------	--------	2	3	0	--------
30	91.0	13	31	1.023	8.2	<0.3	<0.3	<0.3	2	3	0	<0.04
31	92.0	13	31	1.035	--------	--------	--------	--------	2	3	0	--------
AVERAGE	92.5	20	32	0.739	8.2	<0.3	<0.3	<0.3	2	3	0	<0.04
HIGHEST VAL	96.7	25	36	1.045	8.3	<0.3	0.3	0.3	3	3	1	<0.04
LOWEST VAL.	79.7	13	29	0.548	8.1	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2867.7											

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 6/30/04 DATE: ENVIRONMENTAL ENGINEER : Ruth A. Hare 11-25-02

--MEANS NOT TESTED THIS DATE

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

PERMIT NO IN0000108 OUTFALL 001 Oct-02 Oct 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	1.69			--------	--------
2	<0.005	<0.9	<0.01	<1.7	--------	--------			--------	--------
3	--------	--------	--------	--------	0.01	1.67			0.51	--------
4	--------	--------	--------	--------	--------	--------			--------	--------
5	--------	--------	--------	--------	--------	--------			--------	--------
6	--------	--------	--------	--------	0.01	1.56			0.12	--------
7	--------	--------	--------	--------	--------	--------			--------	--------
8	--------	--------	--------	--------	0.01	1.52			--------	--------
9	<0.005	<0.8	<0.01	<1.7	--------	--------			--------	--------
10	--------	--------	--------	--------	0.01	1.52			0.28	--------
11	--------	--------	--------	--------	--------	--------			--------	--------
12	--------	--------	--------	--------	--------	--------			--------	--------
13	--------	--------	--------	--------	<0.01	<1.50			0.77	--------
14	--------	--------	--------	--------	--------	--------			--------	--------
15	--------	--------	--------	--------	<0.01	<1.40			--------	--------
16	<0.005	<0.7	<0.01	<1.3	--------	--------			--------	--------
17	--------	--------	--------	--------	0.01	1.34			0.31	--------
18	--------	--------	--------	--------	--------	--------			--------	--------
19	--------	--------	--------	--------	--------	--------			--------	--------
20	--------	--------	--------	--------	0.01	1.23			0.36	--------
21	--------	--------	--------	--------	--------	--------			--------	--------
22	--------	--------	--------	--------	0.01	1.04			--------	--------
23	<0.005	<0.3	<0.01	<0.5	--------	--------			--------	--------
24	--------	--------	--------	--------	0.01	0.50			0.43	--------
25	--------	--------	--------	--------	--------	--------			--------	--------
26	--------	--------	--------	--------	--------	--------			--------	--------
27	--------	--------	--------	--------	0.01	1.35			0.61	--------
28	--------	--------	--------	--------	--------	--------			--------	--------
29	--------	--------	--------	--------	0.01	1.28			--------	--------
30	<0.005	<0.6	<0.01	<1.2	--------	--------			--------	--------
31	--------	--------	--------	--------	0.01	1.28			0.72	--------
AVERAGE	<0.005	<0.7	<0.01	<1.3	<0.01	<1.35			0.46	0
HIGHEST VAL.	<0.005	<0.9	<0.01	<1.7	0.01	1.69			0.77	
LOWEST VAL.	<0.005	<0.3	<0.01	<0.5	<0.01	<0.50			0.12	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. Oler NO. 14118 exp. 6/30/04 DATE : AUTHORIZED AGENT : Richard Hu 11-25-02

--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 001 Oct-02 OCT 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	20.3	3.5	593	71	12020	--------	14.0	2370	3.6	609	<0.10	<17	--------	--------
2	20.4	3.7	630	--------	--------	7.7	14.4	2450	3.0	510	<0.10	<17	--------	--------
3	20.0	4.4	734	--------	--------	--------	16.8	2802	4.2	701	--------	--------	--------	--------
4	22.2	--------	--------	76	14071	7.8	--------	--------	4.1	759	<0.10	<19	--------	--------
5	21.2	--------	--------	69	12200	--------	--------	--------	--------	--------	<0.10	<18	--------	--------
6	18.7	4.3	671	--------	--------	--------	16.0	2495	--------	--------	--------	--------	--------	--------
7	18.9	3.6	567	--------	--------	7.9	13.6	2144	3.8	599	<0.10	<16	0.04	6.3
8	18.2	3.1	471	74	11232	--------	13.2	2004	3.0	455	<0.10	<15	--------	--------
9	20.2	4.3	724	--------	--------	7.9	14.0	2359	3.6	606	<0.10	<17	--------	--------
10	18.2	6.8	1032	--------	--------	--------	21.2	3218	7.6	1154	--------	--------	--------	--------
11	10.0	--------	--------	89	7423	7.8	--------	--------	7.2	600	<0.10	<8	--------	--------
12	18.3	--------	--------	83	12668	--------	--------	--------	--------	--------	<0.10	<15	--------	--------
13	18.0	4.7	706	--------	--------	--------	14.8	2222	--------	--------	--------	--------	--------	--------
14	17.7	3.5	517	--------	--------	7.6	12.8	1890	3.6	531	0.57	84	0.05	7.4
15	16.8	5.0	701	80	11209	--------	17.2	2410	4.3	602	0.49	69	--------	--------
16	15.7	4.2	550	--------	--------	7.7	15.6	2043	2.4	314	<0.10	<13	--------	--------
17	16.1	4.3	577	--------	--------	--------	13.6	1826	3.4	457	--------	--------	--------	--------
18	16.5	--------	--------	72	9908	7.2	--------	--------	4.7	647	<0.10	<14	--------	--------
19	15.1	--------	--------	88	11082	--------	--------	--------	--------	--------	<0.10	<13	--------	--------
20	14.7	3.0	368	--------	--------	--------	12.8	1569	--------	--------	--------	--------	--------	--------
21	15.9	3.1	411	--------	--------	7.2	17.6	2334	3.5	464	<0.10	<13	0.04	5.3
22	12.5	7.1	740	121	12614	--------	39.3	4097	7.6	792	<0.10	<10	--------	--------
23	6.3	7.7	405	--------	--------	7.6	50.0	2627	6.5	342	<0.10	<5	--------	--------
24	6.0	3.1	155	--------	--------	--------	27.0	1351	4.7	235	--------	--------	--------	--------
25	8.0	--------	--------	107	7139	7.6	--------	--------	3.0	200	1.25	83	--------	--------
26	9.8	--------	--------	104	8500	--------	--------	--------	--------	--------	3.85	315	--------	--------
27	16.2	2.2	297	--------	--------	--------	16.0	2162	--------	--------	--------	--------	--------	--------
28	15.4	2.8	360	--------	--------	7.7	23.0	2954	2.7	347	3.28	421	0.04	5.1
29	15.4	2.4	308	68	8734	--------	18.7	2402	3.2	411	3.92	503	--------	--------
30	14.6	2.4	292	--------	--------	7.6	18.5	2253	3.1	377	2.14	261	--------	--------
31	15.3	1.5	191	--------	--------	--------	13.0	1659	2.6	332	--------	--------	--------	--------
AVERAGE	15.9	3.9	522	81	10677	7.6	17.3	2332	4.0	524	<0.67	<88	0.04	6.0
HIGHEST VAL.	22.2	7.7	1032	121	14071	7.9	50.0	4097	7.6	1154	3.92	503	0.05	7.4
LOWEST VAL.	6.0	1.5	155	68	7139	7.2	12.8	1351	2.4	200	<0.10	<5	0.04	5.1
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	492.6													

CERTIFIED OPERATOR : David J. Oiler NO. 14118 exp.6/30/04 DATE : ENVIRONMENTAL ENGINEER : 11-25-02

--MEANS NOT TESTED THIS DATE

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

IN0000108004A1002

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	02	10	01	TO	02	10	31

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

*** NO DISCHARGE [X] ***

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	********	********		No Discharge	********	No Discharge	(12)	0	*	*
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	6 MINIMUM	********	9 MAXIMUM	SU		WEEKLY	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC	SAMPLE MEASUREMENT	********	********		********	No Discharge	No Discharge	(19)	0	*	*
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	********	REPORT MO AVG	15.0 DAILY MX	MG/L		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	No Discharge	No Discharge	(19)	0	*	*
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	********	********	********	********	REPORT MO AVG	110 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	2002	11	26
AREA CODE	NUMBER	YEAR	MO	DAY

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

* Required to sample on 1st discharge of week. Outfall 003 was closed the entire month of October.

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 Dec-04 DEC 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	16.1	1.0	134	------	------	7.8	5.0	671	0.4	54	<0.10	<13	------	------
2	16.4	1.4	191	44	6018	------	13.0	1778	1.1	150	------	------	------	------
3	16.5	------	------	------	------	7.7	------	------	3.2	440	<0.10	<14	------	------
4	10.2	------	------	------	------	------	------	------	------	------	0.10	9	------	------
5	9.0	5.1	383	121	9082	------	80.5	6042	------	------	------	------	------	------
6	3.9	4.8	156	------	------	7.6	87.5	2846	3.9	127	0.12	4	0.01	0.3
7	7.9	5.1	336	111	7313	------	65.0	4283	5.4	356	0.11	7	------	------
8	6.0	3.6	180	------	------	7.6	41.4	2072	6.5	325	<0.10	<5	------	------
9	6.5	2.6	141	75	4066	------	30.0	1626	1.8	98	------	------	------	------
10	6.7	------	------	------	------	7.8	------	------	2.2	123	0.13	7	------	------
11	5.1	------	------	------	------	------	------	------	------	------	0.15	6	------	------
12	9.4	2.8	220	79	6193	------	30.0	2352	------	------	------	------	------	------
13	9.3	2.5	194	------	------	7.7	26.7	2071	2.2	171	<0.10	<8	0.01	0.8
14	7.7	3.5	225	73	4688	------	26.0	1670	2.5	161	<0.10	<6	------	------
15	7.3	2.7	164	------	------	7.8	23.3	1419	2.2	134	<0.10	<6	------	------
16	9.4	5.7	447	48	3763	------	58.0	4547	3.4	267	------	------	------	------
17	8.0	------	------	------	------	7.5	------	------	2.8	187	0.11	7	------	------
18	5.5	------	------	------	------	------	------	------	------	------	<0.10	<5	------	------
19	8.4	3.4	238	121	8477	------	51.4	3601	------	------	------	------	------	------
20	1.5	4.4	55	------	------	7.7	124.7	1560	4.1	51	0.19	2	0.01	0.1
21	6.5	7.5	407	50	2711	------	91.3	4949	4.9	266	0.14	8	------	------
22	8.7	3.1	225	------	------	7.9	18.7	1357	2.8	203	0.12	9	------	------
23	9.7	2.5	202	69	5582	------	18.0	1456	2.1	170	------	------	------	------
24	9.9	------	------	------	------	7.6	------	------	1.9	157	0.14	12	------	------
25	9.8	------	------	------	------	------	------	------	------	------	0.27	22	------	------
26	9.4	3.4	267	70	5488	------	28.3	2219	------	------	------	------	------	------
27	8.8	6.2	455	------	------	7.8	41.0	3009	4.4	323	<0.10	<7	0.01	0.7
28	9.1	5.6	425	108	8197	------	40.5	3074	4.3	326	<0.10	<8	------	------
29	9.2	5.8	445	------	------	8	41.8	3207	3.8	292	0.38	29	------	------
30	9.0	5.3	398	60	4504	------	41.3	3100	3.7	278	------	------	------	------
31	7.7	------	------	------	------	7.5	------	------	1.8	116	4.19	269	------	------
AVERAGE	8.7	3.7	268	77	5852	7.7	37.3	2678	2.8	208	<0.31	<21	0.01	0.5
HIGHEST VAL.	16.5	7.5	455	121	9082	8.0	124.7	6042	6.5	440	4.19	269	0.01	0.8
LOWEST VAL.	1.5	1.0	55	44	2711	7.5	5.0	671	0.4	51	<0.10	2	0.01	0.1
OVER LIMIT			0		0	0		1		0		0		0
TOTAL	268.6													

CERTIFIED OPERATOR : David J. Olen NO. 14118
--MEANS NOT TESTED THIS DATE exp 06/30/06 tel. 219-473-5298

DATE : 1-13-05

ENVIRONMENTAL ENGINEER : Rick A. Hare 1-12-05

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

PERMIT NO IN0000108 OUTFALL 001 Dec-04 DEC 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:	HX. CHRM		TL.CHRM		PHENOL		SELENIUM		ORTHO-P	FECAL C.
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	<0.005	<0.7	<0.01	<1.3	—	—			—	—
2	—	—	—	—	<0.01	<1.37			0.70	—
3	—	—	—	—	—	—			—	—
4	—	—	—	—	—	—			—	—
5	—	—	—	—	<0.01	<0.75			0.46	—
6	—	—	—	—	—	—			—	—
7	—	—	—	—	0.02	1.32			—	—
8	<0.005	<0.3	<0.01	<0.5	—	—			—	—
9	—	—	—	—	<0.01	<0.54			0.74	—
10	—	—	—	—	—	—			—	—
11	—	—	—	—	—	—			—	—
12	—	—	—	—	<0.01	<0.78			0.82	—
13	—	—	—	—	—	—			—	—
14	—	—	—	—	<0.01	<0.64			—	—
15	<0.005	<0.3	<0.01	<0.6	—	—			—	—
16	—	—	—	—	0.01	0.78			0.46	—
17	—	—	—	—	—	—			—	—
18	—	—	—	—	—	—			—	—
19	—	—	—	—	0.01	0.70			0.74	—
20	—	—	—	—	—	—			—	—
21	—	—	—	—	0.02	1.08			—	—
22	<0.005	<0.4	<0.01	<0.7	—	—			—	—
23	—	—	—	—	0.01	0.81			0.54	—
24	—	—	—	—	—	—			—	—
25	—	—	—	—	—	—			—	—
26	—	—	—	—	0.01	0.78			0.78	—
27	—	—	—	—	—	—			—	—
28	—	—	—	—	0.01	0.76			—	—
29	<0.005	<0.4	<0.01	<0.8	—	—			—	—
30	—	—	—	—	0.01	0.75			0.82	—
31	—	—	—	—	—	—			—	—
AVERAGE	<0.005	<0.4	<0.01	<0.8	<0.01	<0.85			0.67	0
HIGHEST VAL.	<0.005	<0.7	<0.01	<1.3	0.02	1.37			0.82	
LOWEST VAL.	<0.005	<0.3	<0.01	<0.5	<0.01	<0.54			0.46	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp.6/30/06 DATE : 1-13-05 AUTHORIZED AGENT : [illegible]

--MEANS NOT TESTED THIS DATE

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