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	10	01	TO	03	10	31

*IN0000108 0 1 A 1 0 0 3

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	202	384	(26)	********	1.4	2.5	(19)	0	5 TIME /WEEK	COMP 24
00310 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	4161 MO AVG	8164 DAILY MX	LBS/DY	********	REPORT MO AVG	REPORT DAILY MX	MG/L		5 TIMES/WEEK	COMP24
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD)	SAMPLE MEASUREMENT	6101	9497	(26)	********	44	59	(19)	0	THREE/ WEEK	COMP 24
00335 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	308.28 MO AVG	6342.7 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		THREE/WEEK	COMP24
PH	SAMPLE MEASUREMENT	********	********		7.6	********	7.9	(12)	0	THREE/ WEEK	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********	MINIMUM		MAXIMUM	SU		THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1378	2358	(26)	********	9.5	15.2	(19)	0	5 TIME /WEEK	COMP 24
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	3646 MO AVG	6094 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	151	292	(26)	********	1.1	1.9	(19)	0	WEEK-DAYS	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1368 MO AVG	2600 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		WEEK DAYS	GRAB
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	<109	609	(26)	********	<0.77	4.35	(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	<2.9	6.1	(26)	********	<0.02	0.04	(19)	0	1X /WEEK	COMP 24
00745 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	23.1 MO AVG	46.14 DAILY MX	LBS/DY		REPORT MO AVG	REPORT DAILY MX	MG/L		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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Ashok K. Jhawar

TELEPHONE		DATE		
219	473-3179	2003	11	20
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

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
January 26, 2004

OFFICE OF WATER MANAGEMENT
JAN 30 12 06 PM '04
IDEM

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 December 2003, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Sincerely,

Dennis J. Seith /gws.

Dennis J. Seith
Business Unit Leader

Attachments

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

PERMIT NO. IN0000108 Dec-03 DEC 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	8.0	0.7	19	open
	4	--------	--------	--------	open
	5	--------	--------	--------	closed
	6	--------	--------	--------	closed
	7	--------	--------	--------	closed
	8	8.0	0.6	23	open
	9	--------	--------	--------	open
	10	--------	--------	--------	open
	11	--------	--------	--------	open
	12	--------	--------	--------	open
	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	7.9	0.3	20	open
	30	--------	--------	--------	open
	31	--------	--------	--------	closed
AVERAGE		8.0	0.5	21	
HIGHEST VAL.		8.0	0.7	23	
LOWEST VAL.		7.9	0.3	19	
OVER LIMIT		0	0	0	

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

DATE :

ENVIRONMENTAL ENGINEER : Richard A. Harris

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

PERMIT NO. IN0000108 Dec-03 DEC 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	7.7	2.0	50	open
	2	--------	--------	--------	open
	3	--------	--------	--------	open
	4	--------	--------	--------	open
	5	--------	--------	--------	open
	6	--------	--------	--------	open
	7	--------	--------	--------	open
	8	7.9	0.6	33	open
	9	--------	--------	--------	open
	10	--------	--------	--------	open
	11	--------	--------	--------	open
	12	--------	--------	--------	open
	13	--------	--------	--------	open
	14	--------	--------	--------	open
	15	--------	--------	--------	closed
	16	7.9	1.4	40	open
	17	--------	--------	--------	open
	18	--------	--------	--------	open
	19	--------	--------	--------	open
	20	--------	--------	--------	open
	21	--------	--------	--------	open
	22	--------	--------	--------	closed
	23	8.1	1.6	92	open
	24	--------	--------	--------	open
	25	--------	--------	--------	open
	26	--------	--------	--------	open
	27	--------	--------	--------	open
	28	--------	--------	--------	open
	29	7.5	1.7	109	open
	30	--------	--------	--------	closed
	31	--------	--------	--------	closed
AVERAGE		7.8	1.5	65	
HIGHEST VAL.		8.1	2.0	109	
LOWEST VAL.		7.5	0.6	33	
OVER LIMIT		0	0	0	

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

DATE :

ENVIRONMENTAL ENGINEER : Rudolph A. Harris

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

PERMIT NO IN0000108 OUTFALL 002 Dec-03 DEC 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	79.3	6	23	0.842	8.2	<0.3	<0.3	<0.3	2	2	0	--------
2	79.5	6	23	0.844	--------	--------	--------	--------	2	2	0	--------
3	79.7	6	23	0.846	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
4	83.1	6	23	0.883	--------	--------	--------	--------	2	3	0	--------
5	83.6	6	23	0.888	8.3	<0.3	<0.3	<0.3	2	2	0	--------
6	83.1	6	23	0.883	--------	--------	--------	--------	--------	--------	--------	--------
7	88.9	5	23	1.000	--------	--------	--------	--------	--------	--------	--------	--------
8	86.0	5	23	0.967	8.3	<0.3	<0.3	<0.3	2	2	0	--------
9	84.0	6	22	0.840	--------	--------	--------	--------	2	2	0	--------
10	81.4	6	22	0.814	8.2	<0.3	<0.3	<0.3	2	2	0	<0.04
11	82.3	6	22	0.823	--------	--------	--------	--------	3	3	0	--------
12	84.3	6	21	0.790	8.2	<0.3	0.3	0.3	3	3	0	--------
13	84.3	6	21	0.790	--------	--------	--------	--------	--------	--------	--------	--------
14	83.6	6	21	0.783	--------	--------	--------	--------	--------	--------	--------	--------
15	84.7	3	20	0.900	8.2	<0.3	<0.3	<0.3	3	3	0	--------
16	84.5	3	20	0.897	--------	--------	--------	--------	3	3	0	--------
17	87.3	3	19	0.873	8.2	<0.3	<0.3	<0.3	3	3	0	<0.04
18	87.4	3	18	0.819	--------	--------	--------	--------	2	3	1	--------
19	85.5	3	18	0.801	8.1	<0.3	0.3	0.3	3	3	0	--------
20	82.6	3	18	0.774	--------	--------	--------	--------	--------	--------	--------	--------
21	81.9	3	18	0.768	--------	--------	--------	--------	--------	--------	--------	--------
22	81.7	3	19	0.817	8.1	<0.3	<0.3	<0.3	3	3	0	--------
23	82.3	2	19	0.874	--------	--------	--------	--------	3	4	1	<0.04
24	83.5	2	18	0.835	8.3	<0.3	<0.3	<0.3	3	3	1	--------
25	80.5	2	18	0.805	--------	--------	--------	--------	3	3	0	--------
26	79.3	2	18	0.793	8.1	<0.3	0.5	0.3	3	3	0	--------
27	81.5	2	19	0.866	--------	--------	--------	--------	--------	--------	--------	--------
28	83.3	2	19	0.885	--------	--------	--------	--------	--------	--------	--------	--------
29	84.6	2	19	0.899	8.0	<0.3	0.6	0.5	3	3	0	--------
30	84.3	2	18	0.843	--------	--------	--------	--------	3	2	0	<0.04
31	83.5	2	19	0.887	8.2	<0.3	0.5	0.3	3	3	0	--------
AVERAGE	83.3	4	20	0.849	8.2	<0.3	<0.4	<0.3	2	3	0	<0.04
HIGHEST VAL	88.9	6	23	1.000	8.3	<0.3	0.6	0.5	3	4	1	<0.04
LOWEST VAL.	79.3	2	18	0.768	8.0	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2581.5											

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. 06/30/04 DATE: 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	OUTFALL 001	Dec-03	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:	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	<1.66			--------	--------
3	<0.005	<0.7	<0.01	<1.3	--------	--------			--------	--------
4	--------	--------	--------	--------	<0.01	<1.33			0.39	--------
5	--------	--------	--------	--------	--------	--------			--------	--------
6	--------	--------	--------	--------	--------	--------			--------	--------
7	--------	--------	--------	--------	<0.01	<1.18			0.31	--------
8	--------	--------	--------	--------	--------	--------			--------	--------
9	--------	--------	--------	--------	<0.01	<1.25			--------	--------
10	<0.005	<0.7	<0.01	<1.4	--------	--------			--------	--------
11	--------	--------	--------	--------	<0.01	<0.95			0.28	--------
12	--------	--------	--------	--------	--------	--------			--------	--------
13	--------	--------	--------	--------	--------	--------			--------	--------
14	--------	--------	--------	--------	<0.01	<1.44			0.66	--------
15	--------	--------	--------	--------	--------	--------			--------	--------
16	--------	--------	--------	--------	<0.01	<0.29			--------	--------
17	<0.005	<0.6	<0.01	<1.1	--------	--------			--------	--------
18	--------	--------	--------	--------	0.01	1.12			0.48	--------
19	--------	--------	--------	--------	--------	--------			--------	--------
20	--------	--------	--------	--------	--------	--------			--------	--------
21	--------	--------	--------	--------	0.01	1.38			0.35	--------
22	--------	--------	--------	--------	--------	--------			--------	--------
23	--------	--------	--------	--------	0.01	1.08			--------	--------
24	<0.005	<0.6	<0.01	<1.2	--------	--------			--------	--------
25	--------	--------	--------	--------	<0.01	<1.38			0.95	--------
26	--------	--------	--------	--------	--------	--------			--------	--------
27	--------	--------	--------	--------	--------	--------			--------	--------
28	--------	--------	--------	--------	<0.01	<1.32			0.35	--------
29	--------	--------	--------	--------	--------	--------			--------	--------
30	--------	--------	--------	--------	<0.01	<1.46			--------	--------
31	<0.005	<0.6	<0.01	<1.3	--------	--------			--------	--------
AVERAGE	<0.005	<0.6	<0.01	<1.3	<0.01	<1.22			0.48	0
HIGHEST VAL.	<0.005	<0.7	<0.01	<1.4	0.01	1.66			0.95	
LOWEST VAL.	<0.005	<0.6	<0.01	<1.1	<0.01	<0.29			0.28	
OVER LIMIT		0		0		0				0

CERTIFIED OPERATOR : David J. O'Leary NO. 14118 exp. 06/30/04 DATE : AUTHORIZED AGENT :

--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 Dec-03 DEC PROCESS WATER EFFLUENT

OFFICE OF WATER MANAGEMENT IDEM

JAN 30 12 06 PM '04

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	14.4	0.6	72	--------	--------	7.8	12.8	1537	0.7	84	<0.10	<12	0.02	2.4
2	19.9	1.5	249	42	6971	--------	7.6	1261	0.6	100	<0.10	<17	--------	--------
3	15.8	1.3	171	--------	--------	7.8	7.6	1001	0.5	66	<0.10	<13	--------	--------
4	16.0	1.1	147	--------	--------	--------	6.8	907	<0.3	<40	--------	--------	--------	--------
5	16.7	--------	--------	43	5989	7.8	--------	--------	0.7	97	<0.10	<14	--------	--------
6	16.2	--------	--------	42	5675	--------	--------	--------	--------	--------	<0.10	<14	--------	--------
7	14.2	2.3	272	--------	--------	--------	12.8	1516	--------	--------	--------	--------	--------	--------
8	16.0	2.1	280	--------	--------	7.9	14.0	1868	0.7	93	<0.10	<13	0.02	2.7
9	15.0	1.6	200	44.	5504	--------	5.6	701	0.8	100	0.54	68	--------	--------
10	16.5	1.9	261	--------	--------	7.7	5.2	716	0.7	96	9.34	1285	--------	--------
11	11.4	1.5	143	--------	--------	--------	7.2	685	1.0	95	--------	--------	--------	--------
12	14.3	--------	--------	46	5486	7.5	--------	--------	1.2	143	0.27	32	--------	--------
13	12.6	--------	--------	46	4834	--------	--------	--------	--------	--------	<0.10	<11	--------	--------
14	17.3	1.7	245	--------	--------	--------	13.6	1962	--------	--------	--------	--------	--------	--------
15	18.1	1.3	196	--------	--------	7.8	9.6	1449	0.6	91	<0.10	<15	0.02	3.0
16	3.5	2.0	58	46	1343	--------	12.8	374	1.5	44	0.78	23	--------	--------
17	13.3	2.6	288	--------	--------	7.7	14.0	1553	1.7	189	<0.10	<11	--------	--------
18	13.4	2.1	235	--------	--------	--------	10.6	1185	1.3	145	--------	--------	--------	--------
19	15.5	--------	--------	66	8532	7.9	--------	--------	1.1	142	0.29	37	--------	--------
20	17.2	--------	--------	52	7459	--------	--------	--------	--------	--------	<0.10	<14	--------	--------
21	16.6	1.6	222	--------	--------	--------	11.6	1606	--------	--------	--------	--------	--------	--------
22	13.8	1.1	127	--------	--------	7.5	6.0	691	0.7	81	<0.10	<12	0.01	1.2
23	12.9	1.0	108	43	4626	--------	5.2	559	0.4	43	0.26	28	--------	--------
24	14.6	1.1	134	--------	--------	7.9	6.0	731	0.3	37	<0.10	<12	--------	--------
25	16.6	1.0	138	--------	--------	--------	8.0	1108	0.7	97	--------	--------	--------	--------
26	15.2	--------	--------	38	4817	7	--------	--------	0.5	63	<0.10	<13	--------	--------
27	11.9	--------	--------	38	3771	--------	--------	--------	--------	--------	0.22	22	--------	--------
28	15.8	1.6	211	--------	--------	--------	11.2	1476	--------	--------	--------	--------	--------	--------
29	17.6	1.4	205	--------	--------	7.1	10.8	1585	0.6	88	<0.10	<15	<0.00	<0.0
30	17.5	1.6	234	30	4379	--------	12.8	1868	1.0	146	<0.10	<15	--------	--------
31	15.2	2.1	266	--------	--------	7.3	18.8	2383	0.7	89	<0.10	<13	--------	--------
AVERAGE	15.0	1.5	194	44	5337	7.6	10.0	1249	<0.8	<94	<0.60	<74	<0.01	<1.9
HIGHEST VAL.	19.9	2.6	288	66	8532	7.9	18.8	2383	1.7	189	9.34	1285	0.02	3.0
LOWEST VAL.	3.5	0.6	58	30	1343	7.0	5.2	374	<0.3	35	<0.10	<11	<0.00	<0.0
OVER LIMIT			0		0	0		0		0		0		0
TOTAL	465.0													

CERTIFIED OPERATOR : David J. Olen No. 14118 exp. 06/30/045404 DATE : ENVIRONMENTAL ENGINEER : Richard A. Howes

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

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,~~ 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

IN0000108004A1203

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE [ ] ***

NOTE: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUANTITY OR CONCENTRATION MINIMUM	QUANTITY OR CONCENTRATION AVERAGE	QUANTITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	********	********		7.9	********	8.0	(12)	0	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	0.7	(19)	0	ONCE/MONTH	GRAB
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	********	********		********	21	23	(19)	0	1X/WEEK	GRAB
00680 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO.AVG	40 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:
Dennis J. Seith
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.

Dennis J. Seith /sws

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	1	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

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

IN0000108003A1203

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE [ ] ***

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PH	SAMPLE MEASUREMENT	********	********		7.5	********	8.1	(12)	0	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	********	********		********	1.5	2.0	(19)	0	1X/WEEK	GRAB
00560 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			********		REPORT MO AVG	10.0 DAILY MX	MG/L		WEEKLY	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	********	********		********	65	109	(19)	0	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:
Dennis J. Seith
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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Dennis J. Seith /sws

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	1	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY

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

NAME BP PRODUCTS NORTH AMERICA INC.

ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

FACILITY BP PRODUCTS NORTH AMERICA INC.

LOCATION WHITING

ATTN: ~~ASHOK K. JHAWAR~~ 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

IN0000108002A1203

IN0000108	[redacted]
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE ☐ ***

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CARBON, TOT ORGANIC (TOC) 00680 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	3	4	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********	********	********	0	1	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	50 DAILY MX			5 TIMES/WEEK	GRAB
CARBON, TOT ORGANIC (TOC) 00680 7 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	2	3	(19) MG/L	0	5 TIME /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	83.3	88.9	(03) MGD	********	********	********	********	0	DAILY	CONTI
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX							DAILY	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.04	<0.04	(19) MG/L	0	1X /WEEK	GRAB
	PERMIT REQUIREMENT					REPORT MO AVG	0.05 DAILY MX			1 WEEKLY	GRAB
FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	2581.5	(3R) MGAL	********	********	********	********	0	ONCE/ MONTH	RCOTO
	PERMIT REQUIREMENT		REPORT MO TOTAL							ONCE/ MONTH	RCOTO
znone	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Dennis J. Seith
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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Dennis J. Seith /sws

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	1	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

NAME BP PRODUCTS NORTH AMERICA INC.

ADDRESS WHITING REFINERY
2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394

FACILITY BP PRODUCTS NORTH AMERICA INC.

LOCATION WHITING

ATTN: ~~ASHOK K. JHAWAR~~ 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	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE ☐ ***

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TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	20	23	(04) DEG.C	0	5 TIME /WEEK	CONTIN
	PERMIT REQUIREMENT					REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	CONTIN
TEMPERATURE, WATER DEG. CENTIGRADE 00010 [redacted] 0 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	********	********	********	********	4	6	(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	849	1,000	(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	********	********	********	8.0	********	8.3	(12) SU	0	THREE /WEEK	GRAB
	PERMIT REQUIREMENT				MINIMUM		9.0 MAXIMUM			THREE/WEEK	GRAB
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.4	0.6	(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 [redacted] 0 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	********	********	********	********	<0.3	0.5	(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 [redacted] 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:
Dennis J. Seith
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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Dennis J. Seith /sws

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	1	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

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

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

IN0000108001A1203

IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	03	12	01	TO	03	12	31

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

*** NO DISCHARGE [ ] ***

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CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<0.6	<0.7	(26) LBS/DY	********	<0.005	<0.005	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	2.01 MO AVG	2.48 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEKLY	COMP 24
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.3	<1.4	(26) LBS/DY	********	<0.01	<0.01	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	23.9 MO AVG	68.3 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEKLY	COMP 24
PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.22	1.66	(26) LBS/DY	********	<0.01	0.01	(19) MG/L	0	THREE/ WEEK	COMP 24
	PERMIT REQUIREMENT	20.33 MO AVG	73.01 DAILY MX			REPORT MO AVG	REPORT DAILY MX			THREE/WEEK	COMP 24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	15.0	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	********	465.0	(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:
Dennis J. Seith
Business Unit Leader
Whiting Business Unit

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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,~~ 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
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IN0000108	001A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
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BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	194	288	(26) LBS/DY	********	1.5	2.6	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	1161 MO AVG	3164 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD) 00335 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5337	8532	(26) LBS/DY	********	44	66	(19) MG/L	0	THREE/ WEEK	COMP 24
	PERMIT REQUIREMENT	30623 MO AVG	58427 DAILY MX			REPORT MO AVG	REPORT DAILY MX			THREE/WEEK	COMP24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	********	********	********	7.0	********	7.9	(12) SU	0	THREE/ WEEK	GRAB
	PERMIT REQUIREMENT				6.5 MINIMUM		9 MAXIMUM			THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1249	2383	(26) LBS/DY	********	10.0	18.8	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	3846 MO AVG	7094 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<94	189	(26) LBS/DY	********	<0.8	1.7	(19) MG/L	0	WEEK-DAYS	GRAB
	PERMIT REQUIREMENT	1868 MO AVG	2600 DAILY MX			REPORT MO AVG	REPORT DAILY MX			WEEK DAYS	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<74	1285	(26) LBS/DY	********	<0.60	9.34	(19) MG/L	0	5 TIME /WEEK	COMP 24
	PERMIT REQUIREMENT	1030 MO AVG	2060 DAILY MX			REPORT MO AVG	REPORT DAILY MX			5 TIMES/WEEK	COMP24
SULFIDE, TOTAL (AS S) 00745 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	<1.9	3.0	(26) LBS/DY	********	<0.01	0.02	(19) MG/L	0	1X /WEEK	COMP 24
	PERMIT REQUIREMENT	231 MO AVG	514 DAILY MX			REPORT MO AVG	REPORT DAILY MX			1 WEEK	COMP24

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

Authorized Agent:
Dennis J. Seith
Business Unit Leader
Whiting Business Unit

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
219	473-3179	04	1	27
AREA CODE	NUMBER	YEAR	MO	DAY

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY

bp

Ashok K. Jhawar
Business Unit Leader
Whiting Business Unit

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
December 23, 2003

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

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

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

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of November 2003, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Sincerely, Ashok K. Jhawar /

Ashok K. Jhawar
Business Unit Leader

Attachments

DEC 29 3 30 PM '03
OFFICE OF WATER MANAGEMENT

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

PERMIT NO. IN0000108 Nov-03 NOV 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	7.6	0.3	42	open
	3	8.0	0.6	19	open
	4	--------	--------	--------	open
	5	--------	--------	--------	open
	6	--------	--------	--------	open
	7	--------	--------	--------	open
	8	--------	--------	--------	closed
	9	--------	--------	--------	closed
	10	--------	--------	--------	closed
	11	--------	--------	--------	closed
	12	8.0	<0.3	15	open
	13	--------	--------	--------	open
	14	--------	--------	--------	open
	15	--------	--------	--------	closed
	16	--------	--------	--------	closed
	17	--------	--------	--------	closed
	18	7.9	0.9	21	open
	19	--------	--------	--------	open
	20	--------	--------	--------	open
	21	--------	--------	--------	open
	22	--------	--------	--------	open
	23	--------	--------	--------	closed
	24	--------	--------	--------	closed
	25	7.9	0.3	21	open
	26	--------	--------	--------	open
	27	--------	--------	--------	closed
	28	--------	--------	--------	closed
	29	--------	--------	--------	closed
	30	--------	--------	--------	closed
AVERAGE		7.9	0.5	24	
HIGHEST VAL.		8.0	0.9	42	
LOWEST VAL.		7.6	<0.3	15	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen cert #14118 exp. 6/3/04

DATE : 12-22-03

ENVIRONMENTAL ENGINEER

- - - -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	6.8	<0.3	17	open
	3	7.3	<0.3	10	open
	4	--------	--------	--------	open
	5	--------	--------	--------	open
	6	--------	--------	--------	open
	7	--------	--------	--------	open
	8	--------	--------	--------	open
	9	--------	--------	--------	open
	10	7.9	0.9	35	open
	11	--------	--------	--------	open
	12	--------	--------	--------	open
	13	--------	--------	--------	open
	14	--------	--------	--------	closed
	15	--------	--------	--------	closed
	16	--------	--------	--------	closed
	17	--------	--------	--------	closed
	18	7.8	0.5	24	open
	19	--------	--------	--------	open
	20	--------	--------	--------	open
	21	--------	--------	--------	open
	22	--------	--------	--------	open
	23	--------	--------	--------	open
	24	7.8	0.6	20	open
	25	--------	--------	--------	open
	26	--------	--------	--------	open
	27	--------	--------	--------	open
	28	--------	--------	--------	open
	29	--------	--------	--------	open
	30	--------	--------	--------	open
AVERAGE		7.5	0.5	21	
HIGHEST VAL.		7.9	0.9	35	
LOWEST VAL.		6.8	<0.3	10	
OVER LIMIT		0	0	0	

CERTIFIED OPERATOR : David J. Olen

NO. 14118
exp. Date 6/30/04

DATE : 12-22-03

ENVIRONMENTAL ENGINEER Richard A. Hom

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

PERMIT NO IN0000108 OUTFALL 002 Nov-03 NOV 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	85.4	14	28	0.747	--------	--------	--------	--------	--------	--------	--------	--------
2	83.1	14	28	0.727	--------	--------	--------	--------	--------	--------	--------	--------
3	84.1	14	28	0.736	8.2	<0.3	<0.3	<0.3	3	3	0	--------
4	85.0	14	28	0.743	--------	--------	--------	--------	4	4	0	--------
5	82.0	14	28	0.717	8.2	<0.3	<0.3	<0.3	4	3	0	<0.04
6	81.7	14	28	0.715	--------	--------	--------	--------	3	3	0	--------
7	82.3	14	28	0.720	8.1	<0.3	<0.3	<0.3	2	2	0	--------
8	80.8	14	28	0.707	--------	--------	--------	--------	--------	--------	--------	--------
9	84.8	14	28	0.742	--------	--------	--------	--------	--------	--------	--------	--------
10	84.9	14	26	0.636	8.2	<0.3	0.3	0.3	8	3	0	--------
11	81.6	12	26	0.714	--------	--------	--------	--------	8	3	0	--------
12	81.3	11	26	0.762	8.1	<0.3	<0.3	<0.3	7	2	0	<0.04
13	82.3	9	26	0.874	--------	--------	--------	--------	7	3	0	--------
14	82.3	9	25	0.823	8.1	<0.3	<0.3	<0.3	7	3	0	--------
15	83.3	9	24	0.781	--------	--------	--------	--------	--------	--------	--------	--------
16	82.0	9	24	0.768	--------	--------	--------	--------	--------	--------	--------	--------
17	84.0	9	24	0.787	8.2	<0.3	<0.3	<0.3	2	2	0	--------
18	82.4	9	24	0.772	--------	--------	--------	--------	5	3	0	--------
19	81.1	9	24	0.760	8.2	<0.3	0.3	0.3	2	2	0	<0.04
20	78.7	9	25	0.787	--------	--------	--------	--------	3	2	0	--------
21	80.1	10	25	0.751	8.2	<0.3	<0.3	<0.3	3	3	0	--------
22	80.0	9	26	0.850	--------	--------	--------	--------	--------	--------	--------	--------
23	79.3	9	26	0.842	--------	--------	--------	--------	--------	--------	--------	--------
24	78.8	9	26	0.837	8.2	<0.3	<0.3	<0.3	2	3	0	<0.04
25	77.3	9	25	0.773	--------	--------	--------	--------	2	2	0	--------
26	79.7	9	25	0.797	8.1	<0.3	0.4	0.3	2	2	0	--------
27	76.1	9	25	0.761	--------	--------	--------	--------	2	2	0	--------
28	77.1	9	24	0.723	8.2	<0.3	<0.3	<0.0	2	2	0	--------
29	77.0	8	23	0.722	--------	--------	--------	--------	--------	--------	--------	--------
30	76.1	6	24	0.856	--------	--------	--------	--------	--------	--------	--------	--------
AVERAGE	81.2	11	26	0.764	8.2	<0.3	<0.3	<0.3	4	3	0	<0.04
HIGHEST VAL	85.4	14	28	0.874	8.2	<0.3	0.4	0.3	8	4	0	<0.04
LOWEST VAL.	76.1	6	23	0.636	8.1	<0.3	<0.3	<0.3	2	2	0	<0.04
OVER LIMIT	0			0	0			0			0	0
TOTAL	2434.6											

CERTIFIED OPERATOR : David J. Olen NO. 14118 exp. Date 6/30/04

--MEANS NOT TESTED THIS DATE

DATE: 12-22-03

ENVIRONMENTAL ENGINEER : Richard A. Hamm