**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 DANIEL J. SAJKOWSKI

**ATTN:** ~~DENNIS J. SEITH~~ PLANT MANAGER

**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 | 10 | 01 | 04 | TO | 10 | 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 | ∠ 0.7 | ( 26 ) LBS/DY | ******** | ∠ 0.005 | ∠ 0.005 | ( 19 ) MG/L | 0 | WEEKLY | COMP 24 |
| | PERMIT REQUIREMENT | 2.01 MO AVG | 4.48 DAILY MX | | | REPORT MO AVG | REPORT DAILY MX | | | WEEKLY | COMP24 |
| CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ∠ 1.1 | ∠ 1.4 | ( 26 ) LBS/DY | ******** | ∠ 0.01 | ∠ 0.01 | ( 19 ) MG/L | 0 | WEEKLY | COMP 24 |
| | PERMIT REQUIREMENT | 2.19 MO AVG | 6.83 DAILY MX | | | REPORT MO AVG | REPORT DAILY MX | | | WEEKLY | COMP24 |
| PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ∠ 1.08 | ∠ 1.50 | ( 26 ) LBS/DY | ******** | ∠ 0.01 | ∠ 0.01 | ( 19 ) MG/L | 0 | THREE /WEEK | COMP |
| | PERMIT REQUIREMENT | 20.33 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 | 13.4 | 18.0 | ( 03 ) MGD | ******** | ******** | ******** | ******** | 0 | DAILY | CONTIN |
| | PERMIT REQUIREMENT | REPORT MO AVG | REPORT DAILY MX | | | | | | | DAILY | CONTIN |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | ****** | ****** | ( 19 ) MG/L | 0 | *NA | *NA |
| | PERMIT REQUIREMENT | | | | | REPORT MO AVG | 0.05 DAILY MX | | | TWS WEEK | GRAB |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | ****** | ****** | ( 13 ) #/ 100ML | 0 | **NA | **NA |
| | PERMIT REQUIREMENT | | | | | 200 MO AVG | 400 DAILY MX | | | TWS WEEK | GRAB |
| FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | 413.9 | ( 3R ) MGAL | ******** | ******** | ******** | ******** | 0 | ONCE/ MONTH | RCOTOT |
| | PERMIT REQUIREMENT | | REPORT MO TOTAL | | | | | | | ONCE/ MONTH | RCOTOT |

**NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT**

Authorized Agent:
Daniel J. Sajkowski
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 | 11 | 22 | 2004 |
| AREA CODE | NUMBER | MO | DAY | YEAR |

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

* Chlorine testing required only when chlorinating this stream.

** Fecal coliform testing required only when refinery sanitary sewers are discharging to the BP WWTP.

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

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2815 INDIANAPOLIS BOULEVARD
WHITING IN 46394
**FACILITY** BP PRODUCTS NORTH AMERICA INC.
**LOCATION** WHITING
**ATTN:** ~~DENNIS J. SEITH~~ DANIEL J. SAJKOWSKI
PLANT MANAGER

**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 | 002A |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

| MONITORING PERIOD | MO | DAY | YEAR | | MO | DAY | YEAR |
|---|---|---|---|---|---|---|---|
| FROM | 10 | 01 | 04 | TO | 10 | 31 | 04 |

*IN0000108002A1004*

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | 32 | 33 | ( 04 ) DEG.C | 0 | 5 TIMES /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 | ******** | ******** | ******** | ******** | 17 | 19 | ( 04 ) DEG.C | 0 | 5 TIMES /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 | 843 | 959 | ( 05 ) MBTU/ HR | ******** | ******** | ******** | ******** | 0 | 5 TIMES /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 | ******** | ******** | ******** | 8.3 | ******** | 8.4 | ( 12 ) SU | 0 | THREE /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 | ******** | ******** | ******** | ******** | <0.3 | <0.3 | ( 19 ) MG/L | 0 | THREE /WEEK | GRAB |
| | PERMIT REQUIREMENT | | | | | REPORT MO AVG | 50 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 | 50 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 OR AUTHORIZED AGENT**

Authorized Agent:
Daniel J. Sajkowski
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.

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| TELEPHONE | | DATE | | |
|---|---|---|---|---|
| 219 | 473-3179 | 11 | 22 | 2004 |
| AREA CODE | NUMBER | MO | DAY | YEAR |

**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:** ~~DENNIS J. SEITH~~ DANIEL J. SAJKOWSKI
PLANT MANAGER

**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 | 002A |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

| MONITORING PERIOD | MO | DAY | YEAR | | MO | DAY | YEAR |
|---|---|---|---|---|---|---|---|
| FROM | 10 | 01 | 04 | TO | 10 | 31 | 04 |

*I N 0 0 0 0 1 0 8 0 0 2 A 1 0 0 4*

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

*** NO DISCHARGE ☐ ***

NOTE: Read Instructions before completing this form

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | 5 TIMS/WEEK | GRAB |
| CARBON, TOT ORGANIC (TOC) 00680 2 0 0 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | 0 | 1 | ( 19 ) MG/L | 0 | 5 TIMES /WEEK | GRAB |
| | PERMIT REQUIREMENT | | | | | REPORT MO AVG | 5.0 DAILY MX | | | 5 TIMS/WEEK | GRAB |
| CARBON, TOT ORGANIC (TOC) 00680 7 0 0 INTAKE FROM STREAM | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | 2 | 3 | ( 19 ) MG/L | 0 | 5 TIMES /WEEK | GRAB |
| | PERMIT REQUIREMENT | | | | | REPORT MO AVG | REPORT DAILY MX | | | 5 TIMS/WEEK | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 88.4 | 91.2 | ( 03 ) MGD | ******** | ******** | ******** | ******** | 0 | DAILY | CONTIN |
| | PERMIT REQUIREMENT | REPORT MO AVG | REPORT DAILY MX | | | | | | | DAILY | CONTIN |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | ∠ 0.05 | ∠ 0.05 | ( 19 ) MG/L | 0 | WEEKLY | GRAB |
| | PERMIT REQUIREMENT | | | | | REPORT MO AVG | 0.05 DAILY MX | | | WEEKLY | GRAB |
| FLOW, TOTAL 82220 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | 2740.5 | ( 3R ) MGAL | ******** | ******** | ******** | ******** | 0 | ONCE/ MONTH | RCOTOT |
| | PERMIT REQUIREMENT | | REPORT MO TOTAL | | | | | | | ONCE/ MONTH | RCOTOT |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

**NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT**

Authorized Agent:
Daniel J. Sajkowski
Business Unit Leader

**TYPED OR PRINTED**

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| AREA CODE | NUMBER | MO | DAY | YEAR |

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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**FACILITY** BP PRODUCTS NORTH AMERICA INC.
**LOCATION** WHITING
**ATTN:** ~~DENNIS J. SEITH~~ DANIEL J. SAJKOWSKI PLANT MANAGER

**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 | 003A |
|---|---|
| PERMIT NUMBER | DISCHARGE NUMBER |

| MONITORING PERIOD | MO | DAY | YEAR | | MO | DAY | YEAR |
|---|---|---|---|---|---|---|---|
| FROM | 10 | 01 | 04 | TO | 10 | 31 | 04 |

*IN0000108003A1004*

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

*** NO DISCHARGE [X] ***

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 130 DAILY MX | MG/L | | WEEKLY | 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 | | | | | | | | | | |

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Daniel J. Sajkowski
Business Unit Leader

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| AREA CODE | NUMBER | MO | DAY | YEAR |

**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 MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY

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**FACILITY** BP PRODUCTS NORTH AMERICA INC.

**LOCATION** WHITING

**ATTN:** ~~DENNIS J. SEITH~~ DANIEL J. SAJKOWSKI
PLANT MANAGER

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

MAJOR
F - FINAL
EFFLUENT

Form Approved
OMB No. 2040-0004
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| PERMIT NUMBER | DISCHARGE NUMBER |

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|---|---|---|---|---|---|---|
| | MO | DAY | YEAR | | MO | DAY | YEAR |
| FROM | 10 | 01 | 04 | TO | 10 | 31 | 04 |

*IN0000108004A1004*

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|---|---|---|---|---|---|---|---|---|---|---|---|
| PH | SAMPLE MEASUREMENT | ******** | ******** | | No Discharge | ******** | No Discharge | ( 12 ) | 0 | * | * |
| 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 | ******** | ******** | | ******** | 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 | REPORT 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 OR AUTHORIZED AGENT**

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Daniel J. Sajkowski
Business Unit Leader

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| AREA CODE | NUMBER | MO | DAY | YEAR |

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

* Required to sample on 1st discharge of week. Outfall 004 was closed the entire month of October.

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

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

PERMIT NO IN0000108 OUTFALL 001 Oct-04 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 | 6.5-9 | 3646 | 1368 | 1030 | 23.1 |
| MAX | | 8164 | 58427 | | 5694 | 2600 | 2060 | 51.4 |
| DATE | MG/D | LB/D | mg/l LB/D | pH | mg/l LB/D | mg/l LB/D | mg/l LB/D | mg/l LB/D |
| 1 | 17.4 | — | — — | 7.7 | — — | <0.3 <44 | <0.10 <15 | — — |
| 2 | 16.4 | — | — — | — | — — | — — | <0.10 <14 | — — |
| 3 | 18.0 | 1.2 | 180 35 | — | 5.5 826 | 1.7 247 | <0.10 <15 | 0.01 1.5 |
| 4 | 17.4 | 1.9 | 276 — | 7.7 | 26.0 3773 | 0.6 85 | 0.17 24 | — — |
| 5 | 17.0 | 1.5 | 213 32 | — | 8.0 1134 | 0.5 71 | 0.22 31 | — — |
| 6 | 17.1 | 1.2 | 171 — | 7.6 | 9.5 1355 | 0.3 39 | — — | — — |
| 7 | 15.7 | 1.2 | 157 40 | — | 8.5 1113 | <0.3 <43 | 4.88 700 | — — |
| 8 | 17.2 | — | — — | 7.8 | — — | — — | 2.31 347 | — — |
| 9 | 18.0 | — | — — | — | 18.7 2682 | 0.5 66 | 1.73 229 | 0.01 1.3 |
| 10 | 17.2 | 2.1 | 301 48 | 7.7 | 12.0 1591 | 0.9 101 | 0.75 84 | — — |
| 11 | 15.9 | 1.5 | 199 — | — | 26.0 2927 | 1.4 196 | 0.26 36 | — — |
| 12 | 13.5 | 1.6 | 180 47 | 7.6 | 18.0 2522 | 1.5 156 | — — | — — |
| 13 | 16.8 | 1.6 | 224 — | — | 20.0 2085 | 0.5 49 | 4.50 439 | — — |
| 14 | 12.5 | 1.8 | 188 47 | 7.8 | — — | — — | 0.63 60 | — — |
| 15 | 11.7 | — | — — | — | 25.0 2294 | 1.3 106 | 4.37 357 | 0.01 0.8 |
| 16 | 11.4 | — | — — | 7.8 | 22.0 1798 | 0.7 50 | 0.44 32 | — — |
| 17 | 11.0 | 2.1 | 193 51 | — | 42.0 3012 | 0.8 59 | <0.10 <7 | — — |
| 18 | 9.8 | 2.0 | 163 — | 7.9 | 14.0 1027 | 0.8 63 | — — | — — |
| 19 | 8.6 | 2.4 | 172 65 | — | 41.0 3214 | 0.8 65 | 0.13 11 | — — |
| 20 | 8.8 | 1.5 | 110 — | 7.8 | — — | — — | 0.48 44 | — — |
| 21 | 9.4 | 3.3 | 259 76 | — | 16.7 1838 | 0.9 89 | <0.10 <10 | <0.01 <0.01 |
| 22 | 9.7 | — | — — | 7.7 | 16.0 1588 | 0.8 67 | <0.10 <8 | — — |
| 23 | 11.1 | — | — — | — | 11.3 942 | 1.0 78 | <0.10 <8 | — — |
| 24 | 13.2 | 1.8 | 198 41 | 7.7 | 20.0 1568 | 1.3 92 | <0.10 <8 | — — |
| 25 | 11.9 | 1.3 | 129 — | — | 34.0 2410 | 0.5 41 | <0.10 <13 | — — |
| 26 | 10.0 | 2.4 | 200 40 | 7.8 | — — | — — | <0.10 — | — — |
| 27 | 9.4 | 1.7 | 133 — | — | 13.3 1597 | — — | — — | — — |
| 28 | 8.5 | 2.4 | 170 57 | 7.7 | 17.9 1966 | <0.8 <86 | <1.02 <113 | 0.01 1.2 |
| 29 | 9.9 | — | — — | — | 42.0 3773 | 1.7 247 | 4.88 700 | 0.01 1.5 |
| 30 | 15.0 | — | — — | 7.8 | 5.5 826 | <0.3 39 | <0.10 <7 | 0.01 <0.01 |
| 31 | 14.4 | 1.8 | 216 44 | — | 3773 | 0 | 0 | 0 |
| AVERAGE | 13.4 | 1.8 | 192 46 | 7.7 | 1966 | <0.8 | <1.02 | 0.01 |
| HIGHEST VAL. | 18.0 | 3.3 | 301 76 | 7.9 | 3773 | 1.7 | 4.88 | 0.01 |
| LOWEST VAL. | 8.5 | 1.2 | 110 32 | 7.6 | 826 | <0.3 | <0.10 | 0.01 |
| OVER LIMIT | | | 0 | 0 | 0 | | | 0 |
| TOTAL | 413.9 | | | | | | | |

CERTIFIED OPERATOR : David J. Olen No. 14118 exp 06/30/06 tel. 219-473-5298 DATE : 11-13-04

--MEANS NOT TESTED THIS DATE

ENVIRONMENTAL ENGINEER : [signature]

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

| PERMIT NO | IN0000108 | OUTFALL 001 | Oct-04 | 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 | — | — | — | — | — | — | | | — | — |
| 2 | — | — | — | — | — | — | | | — | — |
| 3 | — | — | — | — | <0.01 | <1.50 | | | 0.46 | — |
| 4 | — | — | — | — | — | — | | | — | — |
| 5 | — | — | — | — | <0.01 | <1.42 | | | — | — |
| 6 | <0.005 | <0.7 | <0.01 | <1.4 | — | — | | | — | — |
| 7 | — | — | — | — | <0.01 | <1.31 | | | 0.62 | — |
| 8 | — | — | — | — | — | — | | | — | — |
| 9 | — | — | — | — | — | — | | | — | — |
| 10 | — | — | — | — | <0.01 | <1.43 | | | 0.58 | — |
| 11 | — | — | — | — | — | — | | | — | — |
| 12 | — | — | — | — | <0.01 | <1.13 | | | — | — |
| 13 | <0.005 | <0.7 | <0.01 | <1.4 | — | — | | | — | — |
| 14 | — | — | — | — | <0.01 | <1.04 | | | 0.70 | — |
| 15 | — | — | — | — | — | — | | | — | — |
| 16 | — | — | — | — | — | — | | | — | — |
| 17 | — | — | — | — | <0.01 | <0.92 | | | 0.70 | — |
| 18 | — | — | — | — | — | — | | | — | — |
| 19 | — | — | — | — | <0.01 | <0.72 | | | — | — |
| 20 | <0.005 | <0.4 | <0.01 | <0.7 | — | — | | | — | — |
| 21 | — | — | — | — | <0.01 | <0.78 | | | 0.70 | — |
| 22 | — | — | — | — | — | — | | | — | — |
| 23 | — | — | — | — | — | — | | | — | — |
| 24 | — | — | — | — | <0.01 | <1.10 | | | 0.54 | — |
| 25 | — | — | — | — | — | — | | | — | — |
| 26 | — | — | — | — | <0.01 | <0.83 | | | — | — |
| 27 | <0.005 | <0.4 | <0.01 | <0.8 | — | — | | | — | — |
| 28 | — | — | — | — | <0.01 | <0.71 | | | 0.78 | — |
| 29 | — | — | — | — | — | — | | | — | — |
| 30 | — | — | — | — | — | — | | | — | — |
| 31 | — | — | — | — | <0.01 | <1.20 | | | 1.00 | — |
| AVERAGE | <0.005 | <0.6 | <0.01 | <1.1 | <0.01 | <1.08 | | | 0.66 | 0 |
| HIGHEST VAL. | <0.005 | <0.7 | <0.01 | <1.4 | <0.01 | <1.50 | | | 1.00 | |
| LOWEST VAL. | <0.005 | <0.4 | <0.01 | <0.7 | <0.01 | <0.71 | | | 0.46 | |
| OVER LIMIT | | 0 | | 0 | | 0 | | | | 0 |

CERTIFIED OPERATOR : David J. Olen No. 14118 exp.6/30/06 DATE : 11-13-04 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.

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

PERMIT NO IN0000108 OUTFALL 002 Oct-04 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 | 88.5 | 19 | 33 | 0.774 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | ——— |
| 2 | 90.7 | 19 | 33 | 0.793 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 3 | 88.6 | 19 | 33 | 0.775 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 4 | 88.9 | 19 | 33 | 0.778 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | ——— |
| 5 | 87.5 | 17 | 32 | 0.820 | ——— | ——— | ——— | ——— | 2 | 3 | 0 | ——— |
| 6 | 87.6 | 16 | 32 | 0.876 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | <0.05 |
| 7 | 87.4 | 17 | 33 | 0.874 | ——— | ——— | ——— | ——— | 2 | 2 | 0 | ——— |
| 8 | 86.9 | 18 | 32 | 0.760 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | ——— |
| 9 | 86.7 | 17 | 32 | 0.812 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 10 | 85.2 | 18 | 32 | 0.745 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 11 | 89.0 | 18 | 33 | 0.834 | 8.4 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | ——— |
| 12 | 87.9 | 18 | 32 | 0.769 | ——— | ——— | ——— | ——— | 2 | 2 | 0 | ——— |
| 13 | 89.0 | 17 | 32 | 0.834 | 8.4 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | <0.05 |
| 14 | 84.9 | 17 | 32 | 0.796 | ——— | ——— | ——— | ——— | 2 | 2 | 0 | ——— |
| 15 | 87.4 | 16 | 32 | 0.874 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | ——— |
| 16 | 85.8 | 16 | 31 | 0.804 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 17 | 87.9 | 15 | 31 | 0.879 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 18 | 86.7 | 15 | 30 | 0.812 | 8.3 | <0.3 | <0.3 | <0.3 | 3 | 3 | 0 | ——— |
| 19 | 87.2 | 14 | 30 | 0.872 | ——— | ——— | ——— | ——— | 2 | 3 | 1 | ——— |
| 20 | 91.2 | 14 | 30 | 0.912 | 8.3 | <0.3 | <0.3 | <0.0 | 2 | 3 | 0 | <0.05 |
| 21 | 90.3 | 14 | 31 | 0.959 | ——— | ——— | ——— | ——— | 2 | 3 | 0 | ——— |
| 22 | 88.8 | 14 | 31 | 0.943 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 3 | 0 | ——— |
| 23 | 88.5 | 15 | 31 | 0.885 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 24 | 90.2 | 15 | 31 | 0.902 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 25 | 90.8 | 15 | 30 | 0.851 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 3 | 0 | ——— |
| 26 | 88.0 | 15 | 31 | 0.880 | ——— | ——— | ——— | ——— | 2 | 3 | 0 | ——— |
| 27 | 89.2 | 15 | 31 | 0.892 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 3 | 1 | <0.05 |
| 28 | 90.2 | 16 | 31 | 0.845 | ——— | ——— | ——— | ——— | 2 | 3 | 1 | ——— |
| 29 | 90.9 | 16 | 32 | 0.909 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 3 | 1 | ——— |
| 30 | 90.0 | 16 | 31 | 0.843 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| 31 | 88.6 | 16 | 31 | 0.830 | ——— | ——— | ——— | ——— | ——— | ——— | ——— | ——— |
| AVERAGE | 88.4 | 17 | 32 | 0.843 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | <0.05 |
| HIGHEST VAL. | 91.2 | 19 | 33 | 0.959 | 8.4 | <0.3 | <0.3 | <0.3 | 3 | 3 | 1 | <0.05 |
| LOWEST VAL. | 84.9 | 14 | 30 | 0.745 | 8.3 | <0.3 | <0.3 | <0.3 | 2 | 2 | 0 | <0.05 |
| OVER LIMIT | 0 | | | 0 | 0 | | | 0 | | | 0 | 0 |
| TOTAL | 2740.5 | | | | | | | | | | | |

CERTIFIED OPERATOR : David J. Olen No. 14118 exp. 6/30/06 tel. 219-473-5298 DATE: 11-13-04 ENVIRONMENTAL ENGINEER : Richard A. Hamm

--MEANS NOT TESTED THIS DATE

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

PERMIT NO. IN0000108 Oct-04 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. 06/30/06

DATE : 11-13-04 tel.219-473-5298 ENVIRONMENTAL ENGINEER : Robert A. Lewis

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

PERMIT NO. IN0000108 Oct-04 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. 06/30/06 tel. 219-473-5298

DATE : 11-13-04

ENVIRONMENTAL ENGINEER : Richard A. Harris

bp

Daniel J. Sajkowski
Business Unit Leader
Whiting Business Unit

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

**CERTIFIED MAIL**
**RETURN RECEIPT REQUESTED**
November 22, 2004

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 219 545 5860
sajkowdj@bp.com

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of October 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,

Daniel J. Sajkowski
Business Unit Leader

Attachments

'/004 0530 0000 2800 0947

**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

DANIEL J. SAJKOWSKI
PLANT MANAGER

**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 | 09 | 01 | 04 | TO | 09 | 30 | 04 |

*I N 0 0 0 0 1 0 8 0 0 1 A 0 9 0 4*

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 | 210 | 343 | ( 26 ) | ******** | 1.4 | 2.6 | ( 19 ) | 0 | 5 TIME /WEEK | COMP 24 |
| | PERMIT REQUIREMENT | 4161 MO AVG | 8164 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | FIVE/WEEK | COMP24 |
| OXYGEN DEMAND, CHEM. (LOW LEVEL) (COD) 00335 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 6557 | 9516 | ( 26 ) | ******** | 45 | 70 | ( 19 ) | 0 | THREE /WEEK | COMP 24 |
| | PERMIT REQUIREMENT | 30323 MO AVG | 58427 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | THREE/WEEK | COMP24 |
| PH 00400 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | | 7.6 | ******** | 8.0 | ( 12 ) | 0 | THREE /WEEK | GRAB |
| | PERMIT REQUIREMENT | | | ******** | 6.5 MINIMUM | | 9 MAXIMUM | SU | | THREE/WEEK | GRAB |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 2067 | 3403 | ( 26 ) | ******** | 14.2 | 24.0 | ( 19 ) | 0 | 5 TIMES /WEEK | COMP 24 |
| | PERMIT REQUIREMENT | 3646 MO AVG | 5694 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | FIVE/WEEK | COMP24 |
| OIL & GREASE (FREON EXTR.-IR METH)TOT,RC 00560 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 137 | 299 | ( 26 ) | ******** | 0.9 | 2.2 | ( 19 ) | 0 | WEEK-DAYS | GRAB |
| | PERMIT REQUIREMENT | 1368 MO AVG | 2500 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | WEEK/DAYS | GRAB |
| NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | <44 | 357 | ( 26 ) | ******** | <0.30 | 2.10 | ( 19 ) | 0 | 5 TIMES /WEEK | COMP 24 |
| | PERMIT REQUIREMENT | 1030 MO AVG | 2080 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | FIVE/WEEK | COMP24 |
| SULFIDE, TOTAL (AS S) 00745 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | <1.8 | 4.2 | ( 26 ) | ******** | <0.01 | 0.03 | ( 19 ) | 0 | WEEKLY | COMP24 |
| | PERMIT REQUIREMENT | 204 MO AVG | 514 DAILY MX | LBS/DY | | REPORT MO AVG | REPORT DAILY MX | MG/L | | WEEKLY | COMP24 |

**NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT**

Authorized Agent
Daniel J. Sajkowski
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 | | |
|---|---|---|---|---|
| AREA CODE | NUMBER | MO | DAY | YEAR |
| 219 | 473-3179 | 10 | 21 | 04 |

**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 PLANT MANAGER
**ATTN:** DENNIS J. SEITH DANIEL J. SAJKOWSKI

**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 | 09 | 01 | 04 | TO | 09 | 30 | 04 |

*IN0000108001A0904*

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 | <0.9 | (26) LBS/DY | ******** | <0.005 | <0.005 | (19) MG/L | 0 | WEEKLY | COMP 24 |
| | PERMIT REQUIREMENT | 2.01 MO AVG | 2.48 DAILY MX | | ******** | REPORT MO AVG | REPORT DAILY MX | | | WEEKLY | COMP24 |
| CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | <1.4 | <1.7 | (26) LBS/DY | ******** | <0.01 | <0.01 | (19) MG/L | 0 | WEEKLY | COMP 24 |
| | PERMIT REQUIREMENT | 2.39 MO AVG | 68.56 DAILY MX | | ******** | REPORT MO AVG | REPORT DAILY MX | | | WEEKLY | COMP24 |
| SELENIUM, TOTAL (AS SE) 01147 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | 4.2 | (26) LBS/DY | ******** | ******** | 30 | (28) UG/L | 0 | SEMI ANNUAL | COMP 24 |
| | PERMIT REQUIREMENT | ******** MO AVG | REPORT DAILY MX | | ******** | ******** MO AVG | REPORT DAILY MX | | | SEMI ANNUAL | COMP24 |
| PHENOLICS, TOTAL RECOVERABLE 32730 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | <1.57 | 2.79 | (26) LBS/DY | ******** | <0.01 | 0.02 | (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 | COMP24 |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 17.6 | 20.7 | (03) MGD | ******** | ******** | ******** | ******** | 0 | DAILY | CONT. |
| | PERMIT REQUIREMENT | REPORT MO AVG | REPORT DAILY MX | | ******** | ******** | ******** | | | DAILY | CONT. |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | ****** | ****** | (19) MG/L | 0 | *NA | *NA |
| | PERMIT REQUIREMENT | ******** | ******** | | ******** | REPORT MO AVG | 0.05 DAILY MX | | | 5 TMS/WEEK | GRAB |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ******** | ******** | ******** | ******** | ****** | ****** | (13) #/ 100ML | 0 | **NA | **NA |
| | PERMIT REQUIREMENT | ******** | ******** | | ******** | 200 MO AVG | 400 DAILY MX | | | 5 TMS/WEEK | GRAB |

**NAME/TITLE PRINCIPAL EXECUTVE OFFICER OR AUTHORIZED AGENT**

Authorized Agent:
Daniel J. Sajkowski
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 | 10 | 21 | 04 |
| AREA CODE | NUMBER | MO | DAY | YEAR |

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

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

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

**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 |

*IN0000108001A0904*

| MONITORING PERIOD | MO | DAY | YEAR | | MO | DAY | YEAR |
|---|---|---|---|---|---|---|---|
| FROM | 09 | 01 | 04 | TO | 09 | 30 | 04 |

DANIEL J. SAJKOWSKI
PLANT MANAGER

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

*** NO DISCHARGE ☐ ***

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|---|---|---|---|---|---|---|---|---|---|---|---|
| FLOW, TOTAL | SAMPLE MEASUREMENT | ******** | 527.1 | ( 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 | | | | | | | | | | |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| znone | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

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Business Unit Leader

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

INDUSTRIAL MAJOR
WHITING, LAKE COUNTY

INDUSTRIAL MAJOR, LAKE COUNTY