May 07, 2010

Cheryl Metzler
B.P. OIL COMPANY
501 Westlake Boulevard
Houston, TX 77079-

Bureau Veritas Work Order No. 10050248

Reference:

Dear Cheryl Metzler:

Bureau Veritas North America, Inc. received 43 samples on 5/6/2010 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Scott Wallowitz for

Wendy Lesniak
Client Services Representative

cc:

6065237

**Bureau Veritas North America, Inc.**
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# CASE NARRATIVE

**Date:** *07-May-10*

**Client:** **B.P. OIL COMPANY**

**Project:**

**Work Order No** **10050248**

The results of this report relate only to the samples listed in the body of this report.

Unless otherwise noted below, the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, and 3) the industrial hygiene results have not been blank corrected.

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102020 **Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 001A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 170 | 11 | 3.1 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102021 **Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 002A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 240 | 16 | 4.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102022

**Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 003A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 250 | 16 | 4.7 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102023

**Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 004A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 260 | 17 | 4.8 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102024

**Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 005A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 380 | 25 | 7.0 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102025

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 006A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102026

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 007A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 42 | 2.7 | 0.77 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102027

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 008A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 48 | 3.2 | 0.89 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102028

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 009A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 40 | 2.6 | 0.74 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102029

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 010A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 73 | 4.8 | 1.4 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102030

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 011A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 83 | 5.4 | 1.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102031

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 012A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 67 | 4.4 | 1.2 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102032

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 013A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102033

**Date Sampled:** 5/2/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 014A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102034

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 015A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102035

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 016A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 32 | 2.1 | 0.58 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102036

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 017A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 260 | 17 | 4.8 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102037

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 018A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 73 | 4.8 | 1.4 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102038

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 019A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 62 | 4.0 | 1.1 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102039

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 020A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 57 | 3.7 | 1.1 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102040

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 021A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 81 | 5.3 | 1.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102041

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 022A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 520 | 34 | 9.6 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 11 | 0.86 | 0.20 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102042

**Date Sampled:** 5/3/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 023A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 420 | 27 | 7.8 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 11 | 0.83 | 0.19 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102010

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 024A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 180 | 11 | 3.2 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102011

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 025A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 360 | 23 | 6.6 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 7.3 | 0.56 | 0.13 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102012

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 026A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 180 | 12 | 3.4 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102013

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 027A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 290 | 19 | 5.3 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 6.1 | 0.46 | 0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102014

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 028A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 310 | 20 | 5.7 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 6.2 | 0.47 | 0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102015

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 029A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102016

**Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 030A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | <2.0 | <0.55 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102017 **Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 031A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 140 | 8.9 | 2.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102018 **Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 032A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 110 | 7.0 | 2.0 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102019 **Date Sampled:** 5/1/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 033A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 250 | 17 | 4.7 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102000 **Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 034A **Sampling Time (min):** 0

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | -- | -- | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | -- | -- | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | <30 | -- | -- | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | -- | -- | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | -- | -- | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102001

**Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 035A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 52 | 3.4 | 0.96 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102002

**Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 036A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 63 | 4.1 | 1.2 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102003 **Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 037A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 57 | 3.7 | 1.0 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102004 **Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM **Date Received:** 5/6/2010

**Lab Number:** 038A **Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 62 | 4.0 | 1.1 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102005

**Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 039A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | | Analytical Results (µg) | (mg/m³) | (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | Total | 240 | 15 | 4.4 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| | Back Section | | 190 (a) | Breakthrough = 393% | | | | |
| Toluene | 31.4 | | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

(a) Analysis indicates possible breakthrough; back section result is greater than 50% of the front section result.

**Sample Identification:** MC252102006

**Date Sampled:** 4/29/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 040A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | (mg/m³) | (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 81 | 5.3 | 1.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | 3.7 | 0.24 | 0.064 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102007

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 041A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 650 | 42 | 12 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 13 | 0.98 | 0.23 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

**Sample Identification:** MC252102008

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 042A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | <1 | <0.059 | <0.018 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | <3 | <0.23 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 240 | 16 | 4.5 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | <3 | <0.20 | <0.053 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | <6 | <0.46 | <0.11 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

# ANALYTICAL RESULTS

**Date:** *07-May-10*

**Client:** B.P. OIL COMPANY

**Project:**

**Work Order No:** 10050248

**Sample Identification:** MC252102009

**Date Sampled:** 4/30/2010

**Sample Type:** 3M 3520 PM

**Date Received:** 5/6/2010

**Lab Number:** 043A

**Sampling Time (min):** 480

**Analyst:** CCR

| Analyte | Sampling Rate (cc/min) | Analytical Results (µg) | Analytical Results (mg/m³) | Analytical Results (ppm) | Reporting Limit (µg) | Date Analyzed | Method Reference |
|---|---|---|---|---|---|---|---|
| Benzene | 35.5 | 3.0 | 0.18 | 0.055 | 1 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Ethylbenzene | 27.3 | 4.3 | 0.33 | 0.075 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| THCs as n-Hexane | 32 | 690 | 45 | 13 | 30 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Toluene | 31.4 | 9.5 | 0.63 | 0.17 | 3 | 5/6/2010 | OSHA 7/NIOSH 1550 |
| Xylene, Total | 27.3 | 23 | 1.8 | 0.40 | 6 | 5/6/2010 | OSHA 7/NIOSH 1550 |

General Notes:
<: Less than the indicated reporting limit (RL).
--: Information not available or not applicable.
Back sections (if applicable) were checked and showed no significant breakthrough unless otherwise noted.

# Request for Laboratory Analytical Services

IMPORTANT: Date results required: ASAP

Rush charges authorized? Yes ☒ No ☐

Fax or ☐ E-mail results ☒

E-mail Address: cheryl.metzler@bp.com

Page: 1

For Lab Use Only

Lab Project No. 10050248

**Bureau Veritas North America, Inc.**

**Report results to:**
Name: Cheryl ~~Metker~~ Metzler
Company: BP
Mailing Address: 501 W. Lake Park Blvd
City, State, Zip: Houston TX 77079
Telephone No.: 361-649-0307
Fax No.:

Client Project Number:

**Send invoice to:**
Name: BP America
Company: Scanning Dept. 5646
Address: PO Box 22024
City, State, Zip: Tulsa, OK 74121-2024

P.O. No.: ZKRAUMD252

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

*Soil samples only: Which state are these from?*

Water samples are:
Drinking water
Groundwater
Wastewater

Enter a "P" here if preservative added.

**ANALYSIS REQUESTED**
(List each analyte on the lines below, multiple analytes per line) OSHA 7

| Client Sample Identification | Date Sampled | Time Sampled | Matrix/Media | Air Volume (Liters) | # of Containers | ANALYSIS REQUESTED |
|---|---|---|---|---|---|---|
| MC252-10-2-020 | 5-1-10 | 8hrs | OVM | | | NIOSH 1550 (n-Hexane), ~~NIOSH 1501~~ |
| MC252-10-2-021 | | | | | | |
| MC252-10-2-022 | | | | | | BTEX and THC's per |
| MC252-10-2-023 | | | | | | client DE |
| MC252-10-2-024 | | | | | | |
| MC252-10-2-025 | 5-2-10 | | | | | |
| MC252-10-2-026 | | | | | | |
| MC252-10-2-027 | | | | | | |
| MC252-10-2-028 | | | | | | |
| MC252-10-2-029 | | | | | | |

**Collected by:** Chad Comeaux **Date/Time** 5-5-10 1230 **Collector's Signature:** [signature] **Date/Time** 5-5-10 1230
**Relinquished by:** **Date/Time** **Received by:** **Date/Time**
**Relinquished by:** **Date/Time** **Received by:** [signature] **Date/Time** 5/6 1051
**Method of Shipment:** **Sample Condition on Receipt:**
**Authorized by:** Acceptable **Other:**
**Date/Time:** **(Signature MUST accompany request!)** **(Explain)**

**Ship to:**

**Detroit** (IH, Environmental, & Asbestos)
22345 Roethel Drive
Novi, Michigan, 48375
Phone: 248.344.2652, Toll-free 800.806.5887
Fax: 248-344-2655

**Visit our Website:**
http://labonline.claytongrp.com

**Atlanta** (Asbestos & Electron Microscopy)
3380 Chastain Meadows Pkwy., Suite 300
Kennesaw, Georgia, 30144
Phone: 770.499.7500, Toll-free 800.252.9919
Fax: 770.499.7511

# Request for Laboratory Analytical Services

IMPORTANT: Date results required: _____

Rush charges authorized? Yes ☐ No ☐

Fax or ☐ E-mail results ☐

E-mail Address: _____

Page: 5

For Lab Use Only

Lab Project No.

**Bureau Veritas North America, Inc.**

**Report results to:**
Name _____
Company _____
Mailing Address _____
City, State, Zip _____
Telephone No. _____

**Client Project Number:** _____
Fax No. _____

**Send invoice to:**
Name _____
Company _____
Address _____
City, State, Zip _____

**P.O. No.** _____

***Soil samples only: Which state are these from?*** _____

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.) _____

Water samples are:
Drinking water ____
Groundwater ____
Wastewater ____

Enter a "P" here if preservative added.

| Client Sample Identification | Date Sampled | Time Sampled | Matrix/Media | Air Volume (Liters) | # of Containers | ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line) |
|---|---|---|---|---|---|---|
| MC25210-2000 | 4-29-10 | 0hrs | 3m | | | NIOSH 1550, OSHA 7 |
| MC25210-2001 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2002 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2003 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2004 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2005 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2006 | 4-29-10 | 8hrs | 3m | | | |
| MC25210-2007 | 4-30-10 | 8hrs | 3m | | | |
| MC25210-2008 | 4-30-10 | 8hrs | 3m | | | |
| MC25210-2009 | 4-30-10 | 8hrs | 3m | | | |

***Collected by:*** Chad Comeaux ***Date/Time*** 5-5-10 1230 ***Collector's Signature:*** [signature] ***Date/Time*** 5-5-10 1230

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** _____

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** [signature] ***Date/Time*** 5/6 1052

***Method of Shipment:*** _____ ***Sample Condition on Receipt:*** _____

***Authorized by:*** _____ ***Acceptable*** _____ ***Other:*** _____

***Date/Time:*** _____ ***(Signature MUST accompany request!)*** ***(Explain)*** _____

***Ship to:***

**Detroit** (IH, Environmental, & Asbestos)
*22345 Roethel Drive*
*Novi, Michigan, 48375*
*Phone: 248.344.2652, Toll-free 800.806.5887*
*Fax: 248-344-2655*

***Visit our Website:***
http://labonline.claytongrp.com

**Atlanta** (Asbestos & Electron Microscopy)
*3380 Chastain Meadows Pkwy., Suite 300*
*Kennesaw, Georgia, 30144*
*Phone: 770.499.7500, Toll-free 800.252.9919*
*Fax: 770.499.7511*

# Request for Laboratory Analytical Services

IMPORTANT: Date results required: _____

Rush charges authorized? Yes ☐ No ☐

Fax or ☐ E-mail results ☐

E-mail Address: _____

Page: 2

For Lab Use Only

Lab Project No.

**Bureau Veritas North America, Inc.**

**Report results to:**
Name _____
Company _____
Mailing Address _____
City, State, Zip _____
Telephone No. _____

**Client Project Number:** _____
Fax No. _____

**Send invoice to:**
Name _____
Company _____
Address _____
City, State, Zip _____

**P.O. No.** _____

***Soil samples only: Which state are these from?*** _____

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.) _____

Water samples are:
Drinking water ____
Groundwater ____
Wastewater ____

Enter a "P" here if preservative added.

| Client Sample Identification | Date Sampled | Time Sampled | Matrix/Media | Air Volume (Liters) | # of Containers | ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line) |
|---|---|---|---|---|---|---|
| mc 252 10 2030 | 5-2-10 | 8hrs | 3m | | | NIOSH 1550, OSHA-7 |
| mc 252 10 2031 | 5-2-10 | 8hrs | 3m | | | |
| mc 252 10 2032 | 5-2-10 | 8hrs | 3m | | | |
| mc 252 10 2033 | 5-2-10 | 8hrs | 3m | | | |
| mc 252 10 2034 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2035 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2036 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2037 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2038 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2039 | 5-3-10 | 8hrs | 3m | | | |

***Collected by:*** Chad Comeaux ***Date/Time*** 5-5-10 1230 ***Collector's Signature:*** [signature] ***Date/Time*** 5-5-10 1230

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** _____

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** [signature] ***Date/Time*** 5/6 1051

***Method of Shipment:*** _____ ***Sample Condition on Receipt:*** _____

***Authorized by:*** _____ ***Acceptable*** ____ ***Other:*** _____

***Date/Time:*** _____ ***(Signature MUST accompany request!)*** ***(Explain)*** _____

***Ship to:***

**Detroit** (IH, Environmental, & Asbestos)
*22345 Roethel Drive*
*Novi, Michigan, 48375*
*Phone: 248.344.2652, Toll-free 800.806.5887*
*Fax: 248-344-2655*

***Visit our Website:***
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**Atlanta** (Asbestos & Electron Microscopy)
*3380 Chastain Meadows Pkwy., Suite 300*
*Kennesaw, Georgia, 30144*
*Phone: 770.499.7500, Toll-free 800.252.9919*
*Fax: 770.499.7511*

# Request for Laboratory Analytical Services

IMPORTANT: Date results required: _____

Rush charges authorized? Yes ☐ No ☐

Fax or ☐ E-mail results ☐

E-mail Address: _____

Page: 3

For Lab Use Only

Lab Project No.

**Bureau Veritas North America, Inc.**

**Report results to:**
Name _____
Company _____
Mailing Address _____
City, State, Zip _____
Telephone No. _____

**Client Project Number:** _____

Fax No. _____

**Send invoice to:**
Name _____
Company _____
Address _____
City, State, Zip _____

**P.O. No.** _____

***Soil samples only: Which state are these from?*** _____

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.) _____

Water samples are:
Drinking water ____
Groundwater ____
Wastewater ____

Enter a "P" here if preservative added.

| Client Sample Identification | Date Sampled | Time Sampled | Matrix/Media | Air Volume (Liters) | # of Containers | ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line) |
|---|---|---|---|---|---|---|
| mc 252 10 2040 | 5-3-10 | 8hrs | 3m | | | NIOSH 1550, OSHA 7 |
| mc 252 10 2041 | 5-3-10 | 8hrs | 3m | | | |
| mc 252 10 2042 | 5-3-10 | 8hrs | 3m | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

***Collected by:*** Chad Comeaux ***Date/Time*** 5-5-10 1930 ***Collector's Signature:*** _____ ***Date/Time*** 5-5-10 1930

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** _____

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** 5/6 1051

***Method of Shipment:*** _____ ***Sample Condition on Receipt:*** _____

***Authorized by:*** _____ ***Acceptable*** ____ ***Other:*** _____

***Date/Time:*** _____ ***(Signature MUST accompany request!)*** ***(Explain)*** _____

***Ship to:***

**Detroit** (IH, Environmental, & Asbestos)
*22345 Roethel Drive*
*Novi, Michigan, 48375*
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*Phone: 770.499.7500, Toll-free 800.252.9919*
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# Request for Laboratory Analytical Services

IMPORTANT: Date results required: _____

Rush charges authorized? Yes ☐ No ☐

Fax or ☐ E-mail results ☐

E-mail Address: _____

Page: 4

For Lab Use Only

Lab Project No.

**Bureau Veritas North America, Inc.**

**Report results to:**
Name _____
Company _____
Mailing Address _____
City, State, Zip _____
Telephone No. _____

**Client Project Number:** _____
Fax No. _____

**Send invoice to:**
Name _____
Company _____
Address _____
City, State, Zip _____

**P.O. No.** _____

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.) _____

***Soil samples only: Which state are these from?*** _____

Water samples are:
Drinking water ____
Groundwater ____
Wastewater ____

Enter a "P" here if preservative added.

| Client Sample Identification | Date Sampled | Time Sampled | Matrix/Media | Air Volume (Liters) | # of Containers | ANALYSIS REQUESTED (List each analyte on the lines below, multiple analytes per line) |
|---|---|---|---|---|---|---|
| mc252 10-2010 | 4-30-10 | 8hrs | 3m | | | NIOSH 1550, OSHA 7 |
| mc252 10-2011 | 4-30-10 | 8hrs | 3m | | | |
| mc 252 10-2012 | 4-30-10 | 8hrs | 3m | | | |
| mc 252 10-2013 | 4-30-10 | 8hrs | 3m | | | |
| mc 252 10-2014 | 4-30-10 | 8hrs | 3m | | | |
| mc 252 10-2015 | 4-30-10 | 8hrs | 3m | | | |
| mc 252 10-2016 | 5-1-10 | 8hrs | 3m | | | |
| mc 252 10-2017 | 5-1-10 | 8hrs | 3m | | | |
| mc 252 10-2018 | 5-1-10 | 8hrs | 3m | | | |
| mc 252 10-2019 | 5-1-10 | 8hrs | 3m | | | |

***Collected by:*** Chad Comeaux ***Date/Time*** 5-5-10 1230 ***Collector's Signature:*** [signature] ***Date/Time*** 5-5-10 1230

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** _____

***Relinquished by:*** _____ ***Date/Time*** _____ ***Received by:*** [signature] ***Date/Time*** 5/6 1052

***Method of Shipment:*** _____ ***Sample Condition on Receipt:*** _____

***Authorized by:*** _____ ***Acceptable*** ____ ***Other:*** _____

***Date/Time:*** _____ ***(Signature MUST accompany request!)*** ***(Explain)*** _____

***Ship to:***

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*22345 Roethel Drive*
*Novi, Michigan, 48375*
*Phone: 248.344.2652, Toll-free 800.806.5887*
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