

NPDES Permit No. MA0003425

MODIFICATION OF
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Clean Water Act as amended, (33 U.S.C. §§1251 et seq.; the "CWA"), and the Massachusetts Clean Waters Act, as amended, (M.G.L. Chap. 21, §§26-53),

Global Petroleum Corporation

is authorized to discharge from the facility located at

**Global Petroleum Corporation
140 Lee Burbank Highway
Revere, Massachusetts 02151**

to receiving water named

Chelsea River/Mystic River Watershed (MA 71)

in accordance with effluent limitations, monitoring requirements and other conditions set forth in the permit issued June 30, 2005, except as listed:

Part I.A.2, Effluent Limitations and Monitoring Requirements for Outfall 002 (page 5)

which has been modified to add ethanol to the list of volatile organic compounds (VOCs) to be monitored on a monthly basis, in accordance with 40 CFR §§122.62.

This permit modification shall become effective on the first day of the calendar month following 60 days after signature.

This permit modification and the authorization to discharge expire at midnight, five (5) years from the effective date of August 31, 2005.

Signed this 30th day of August, 2006

/s/ SIGNATURE ON FILE

Linda M. Murphy, Director
Office of Ecosystem Protection
Environmental Protection Agency
Boston, MA

Glenn Haas, Director
Division of Watershed Management
Department of Environmental Protection
Commonwealth of Massachusetts
Boston, MA

Part I.A.2, Continued

| Effluent Characteristic | Units | Discharge Limitation | | Monitoring Requirements ⁽¹⁾ | |
|---|-------------|----------------------|---------------|--|-------------|
| | | Average Monthly | Maximum Daily | Measurement Frequency | Sample Type |
| Polynuclear Aromatic Hydrocarbons (PAHs) ⁽⁷⁾ | | | | | |
| Benzo(a)anthracene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Benzo(a)pyrene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Benzo(b)fluoranthene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Benzo(k)fluoranthene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Chrysene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Dibenzo(a,h)anthracene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Indeno(1,2,3-cd)pyrene | µg/L | ---- | Report | Quarterly ⁽²⁾ | Grab |
| Naphthalene | µg/L | ---- | 20 | Quarterly ⁽²⁾ | Grab |
| Volatile Organic Compounds (VOCs) | | | | | |
| Benzene | µg/L | ---- | 5 | 1/Month ⁽²⁾ | Grab |
| Toluene | µg/L | ---- | Report | 1/Month ⁽²⁾ | Grab |
| Ethylbenzene | µg/L | ---- | Report | 1/Month ⁽²⁾ | Grab |
| Total Xylenes | µg/L | ---- | Report | 1/Month ⁽²⁾ | Grab |
| BTEX ⁽⁸⁾ | µg/L | ---- | 100 | 1/Month ⁽²⁾ | Grab |
| Methyl Tertiary-Butyl Ether (MTBE) | µg/L | ---- | 70 | 1/Month ⁽²⁾ | Grab |
| Ethanol | µg/L | ---- | Report | 1/Month⁽²⁾ | Grab |
| Total Petroleum Hydrocarbons (TPH) | mg/L | ---- | 5 | 1/Month ⁽²⁾ | Grab |

See page 6 for explanation of footnotes