UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

May 25, 2006

Christophe M. Henry, PE, LSP
Groundwater and Environmental Services, Inc.
364 Littleton Road – Suite 4
Westford, MA 01886

Re: Authorization to Discharge Under the Remediation General Permit (RGP) to the **Mobil Service Station #12689** in Milford, MA; Authorization #MAG910075, Station System and #MAG910080, River System (Revises letter of 5/12/06)

Dear Mr. Henry,

The US Environmental Protection Agency (EPA) is notifying you that on September 9, 2005, EPA published a notice in the Federal Register (see enclosed) announcing the availability of the Remediation General Permit (RGP). You are receiving this letter because you own or operate a site or facility in Massachusetts (MA) and you are currently authorized to discharge under two separate exclusion letters. Individual NPDES permit applications were submitted for these discharges on November 8, 2001 and March, 21, 2001, respectively.

Effective 30 days after receipt of this letter and authorization, this letter and authorization closes out your exclusion letters and NPDES permit application. Based on the information contained in our files, EPA is authorizing you to discharge under the provisions of the Remediation General Permit (RGP) at this site, effective 30 days after receipt of this letter. Your authorization numbers are listed above. The RGP, Fact Sheet, response to public comments, suggested forms, and additional information can be found at: http://www.epa.gov/region1/npdes/mass.html#dgp or at: EPA-New England, One Congress Street, Suite 1100 (CIP), Boston, MA 02114.

The enclosed checklists designate the monitoring parameters applicable to your discharges. However, note that the checklists do not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of the general permit, including influent and effluent monitoring, narrative water quality standards, sampling, record keeping, and reporting requirements, found in Part I, Part II, and Appendices I – VIII, of the RGP. This general permit and authorization to discharge expire on September 9, 2010.

You have noted that the groundwater remediation systems at this site may not be able to immediately comply with the applicable effluent permit limits for total iron of 1 mg/l, total copper of 5.2 ug/l, total lead of 1.3 ug/l and total zinc of 66.6 ug/l. As discussed in the response to comments document for the final RGP, the EPA may allow permittees some transition time to make necessary changes to their treatment systems in order to comply with the RGP. The EPA has determined that you may have additional time to comply with these effluent metals limits. The effluent limits for these metals shall be met as soon as possible, but no later than six (6) months after this RGP goes into effect. During this time, this discharges shall be monitored (without limit) for these total metals at the frequency specified in the RGP. This remediation system discharges may continue in accordance with all other provisions of the RGP and this authorization letter.

If you believe that the discharges at your site should not be covered by the RGP or this authorization you must submit to EPA (at the address above), within 15 days, one of the following:

(1) a Notice of Termination or other correspondence indicating that you are no longer discharging;

(2) a Notice of Intent or other correspondence indicating current conditions and discharge characteristics.

Notice of this authorization, effective in 30 days, will be posted on EPA's website at: http://www.epa.gov/region1/npdes/rgp.html. This general permit authorization will expire on September 9, 2010.

Thank you in advance for your cooperation in this matter. Please contact George Papadopoulos at (617) 918-1579, or Papadopoulos.George@epa.gov, if you have any questions.

Sincerely,

Roger Janson, Chief
Municipal Permits Branch

Enclosures

cc: Paul Hogan, MA DEP
David Baker, Exxon Mobil Corporation

Summary of applicable monitoring parameters[1] under the Remediation General Permit (RGP)

Facility/Site Name: Former Mobil Station #12689 Facility/Site Address: 134 Cedar Street Milford, MA

Permit # MAG910075 5/25/06 Station System

Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)	Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)
	1. Total Suspended Solids (TSS)		27. Trichloroethylene (TCE)
	2. Total Residual Chlorine (TRC)		28. Vinyl Chloride (Chloroethene)
✔	3. Total Petroleum Hydrocarbons (TPH)		29. Acetone
	4. Cyanide (CN)[2]		30. 1,4 Dioxane
✔	5. Benzene (B)		31. Total Phenols
✔	6. Toluene (T)		32. Pentachlorophenol (PCP)
✔	7. Ethylbenzene (E)		33. Total Phthalates
✔	8. (m,p,o) Xylenes (X)		34. Bis (2-Ethylhexyl) Phthalate
✔	9. Total BTEX[3]		35. Total Group I Polycyclic Aromatic Hydrocarbons
	10. Ethylene Dibromide (EDB)		a. Benzo(a) Anthracene
✔	11. Methyl-tert-Butyl Ether (MtBE)		b. Benzo(a) Pyrene
✔	12. tert-Butyl Alcohol (TBA)		c. Benzo(b)Fluoranthene
✔	13. tert-Amyl Methyl Ether (TAME)		d. Benzo(k)Fluoranthene
✔	14. Naphthalene		e. Chrysene
	15. Carbon Tetrachloride		f. Dibenzo(a,h)anthracene
	16. 1,4 Dichlorobenzene (p-DCB)		g. Indeno(1,2,3-cd) Pyrene
	17. 1,2 Dichlorobenzene (o-DCB)		36. Total Group II Polycyclic Aromatic Hydrocarbons
	18. 1,3 Dichlorobenzene (m-DCB)		h. Acenaphthene
	18.a. Total dichlorobenzene		i. Acenaphthylene
	19. 1,1 Dichloroethane (DCA)		j. Anthracene
	20. 1,2 Dichloroethane (DCA)		k. Benzo(ghi) Perylene
	21. 1,1 Dichloroethylene (DCE)		l. Fluoranthene
	22. cis-1,2 Dichloro-ethylene (DCE)		m. Fluorene
	23. Dichloromethane (Methylene Chloride)		n. Naphthalene
	24. Tetrachloroethylene (PCE)		o. Phenanthrene
	25. 1,1,1 Trichloro-ethane (TCA)		p. Pyrene
	26. 1,1,2 Trichloro-ethane (TCA)		37. Total Polychlorinated Biphenyls (PCBs)[4]

Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)	Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)
	38. Antimony	✔	**52. Total Flow**
	39. Arsenic	✔	**53. pH Range for Class A & Class B Waters in MA**
	40. Cadmium		**54. pH Range for Class SA & Class SB Waters in MA**
	41. Chromium III (trivalent)		**55. pH Range for Class B Waters in NH**
	42. Chromium VI (hexavalent)		**56. Daily maximum temperature - Warm water fisheries**
✔	**43. Copper**		**57. Daily maximum temperature - Cold water fisheries**
✔	**44. Lead**		**58. Maximum Change in Temperature in MA - Any Class A water body**
	45. Mercury		**59. Maximum Change in Temperature in MA - Warm Water**
	46. Nickel		**60. Maximum Change in Temperature in MA - Cold Water and Lakes/Ponds**
	47. Selenium		**61. Maximum Change in Temperature in MA -Coastal**
	48. Silver		**62. Maximum Change in Temperature in MA - July to September**
✔	**49. Zinc**		**63. Maximum Change in Temperature in MA - October to June**
✔	**50. Iron**		*Other parameters:*
✔	**51. Instantaneous Flow**		

Footnotes:

1. This checklist does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of the remediation general permit (RGP), including influent monitoring, narrative water quality standards, etc. Operators must follow the RGP, including Parts I, II, and Appendices I - VIII in order to comply with the specific applicable requirements.

2. Limits for cyanide are based on EPA's water quality criteria expressed as micrograms (ug) of free cyanide per liter. There is currently no EPA approved test method for free cyanide. Therefore, total cyanide must be reported.

3. BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

4. In the November 2002 WQC, EPA has revised the definition of Total PCBs for aquatic life as *"total PCBs is the sum of all homologue, all isomer, all congener, or all Aroclor analyses."*

Summary of applicable monitoring parameters[1] under the Remediation General Permit (RGP)

Facility/Site Name: Former Mobil Station #12689 Facility/Site Address: 134 Cedar Street Milford, MA

Permit # MAG910080 5/25/06 River System

Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)	Monitor checked parameters	Parameter to be monitored (see Parts I.C. and I.D. and Appendix III of the RGP for specific limits and requirements)
	1. Total Suspended Solids (TSS)		27. Trichloroethylene (TCE)
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✔	9. Total BTEX[3]		35. Total Group I Polycyclic Aromatic Hydrocarbons
	10. Ethylene Dibromide (EDB)		a. Benzo(a) Anthracene
✔	11. Methyl-tert-Butyl Ether (MtBE)		b. Benzo(a) Pyrene
✔	12. tert-Butyl Alcohol (TBA)		c. Benzo(b)Fluoranthene
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	16. 1,4 Dichlorobenzene (p-DCB)		g. Indeno(1,2,3-cd) Pyrene
	17. 1,2 Dichlorobenzene (o-DCB)		36. Total Group II Polycyclic Aromatic Hydrocarbons
	18. 1,3 Dichlorobenzene (m-DCB)		h. Acenaphthene
	18.a. Total dichlorobenzene		i. Acenaphthylene
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✔	**44. Lead**		**58. Maximum Change in Temperature in MA - Any Class A water body**
	45. Mercury		**59. Maximum Change in Temperature in MA - Warm Water**
	46. Nickel		**60. Maximum Change in Temperature in MA - Cold Water and Lakes/Ponds**
	47. Selenium		**61. Maximum Change in Temperature in MA -Coastal**
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