



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

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

October 3, 2006

Rachel Leary, Project Manager
Environmental Resources Management RCM
399 Boylston Street, 6th Floor
Boston, MA 02116

Re: Former Raytheon Facility site at 430 Boston Post Road, Wayland, MA 01778; Authorization #
MAG910262.

Dear Ms. Leary:

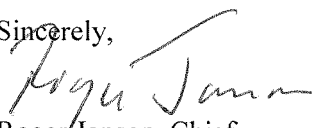
Based on the review of your notice of intent (NOI) for the site referenced above the US Environmental Protection Agency (EPA) hereby authorizes you to discharge in accordance with the provisions of the Remediation General Permit (RGP) at that site.

This letter and authorization terminate any and all exclusion letters or previous permit(s) for this facility issued prior to this date and closes out any and all NPDES applications submitted to EPA prior to this date for this discharge. Your authorization number is listed above.

The enclosed checklist designates the monitoring parameters applicable to your discharge. Note that the checklist does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of this permit, including influent and effluent monitoring, narrative water quality standards, record keeping, and reporting requirements, found in Parts I and II, and Appendices I – VIII of the RGP. See EPA's website for the complete RGP and other information at:
<http://www.epa.gov/region1/npdes/mass.html#dgp> . This general permit and authorization to discharge expires on September 9, 2010.

Thank you in advance for your cooperation in this matter. Please contact Victor Alvarez at (617) 918-1572, or Alvarez.Victor@epa.gov, if you have any questions.

Sincerely,


Roger Janson, Chief
Municipal Permits Branch

Enclosure

cc: Paul Hogan, MADEP
John C. Drobinski, Environmental Resources Management

SUMMARY OF MONITORING PARAMETERS¹ UNDER THE REMEDIATION GENERAL PERMIT (RGP)

Facility/Site Name: **FORMER RAYTHEON FACILITY**

Facility/Site Address: **430 BOSTON POST ROAD, WAYLAND, MA 01778**

Permit # **MAG 910262**

Permit Issued: **October 3, 2006**

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 Poly. Aromatic Hyd.
	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)

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		
✓	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.

Distribution:
REC'D OCT 10 2006
ERM Boston
Client/Location: (# of contract file)
File Folder: