

**Linda L. Segal
9 Aqueduct Road
Wayland, MA 01778-4605**

Louis J. Burkhardt
Raytheon Integrated Defense Systems
528 Boston Post Road
Mail Stop 1880
Sudbury, MA 01776

June 22, 2006

**RE: Public Comment on May 17, 2006 PIP Meeting and Draft Phase IV Report
RTN 3-22408, former Raytheon Facility, 430 Boston Post Rd., Wayland, MA**

Dear Chip:

Thank you for this opportunity to provide public comment on the above-named draft document as presented at the May 17, 2006 PIP meeting held in Wayland Town Hall. My comments represent my personal lay opinion and are not related in any way to any organization, board or committee with which I am currently or have been previously affiliated.

Given that the Town's LSP, Ben Gould, of CMG Environmental, Inc., submits his expert technical review, my comments are primarily procedural. I reiterate my gratitude to Raytheon for continuing to support Ben; he provides invaluable independent expertise to the acknowledged benefit of all stakeholders in this matter.

Phase IV Remedy Implementation Plan document:

1) page 12, section 2.4 Relevant Contacts. The Town of Wayland owns parcel 23-052B on which the town's Wastewater Treatment Plant is located. I understand there are various town easements running through these parcels. Since DEP regulations (310 CMR 40.0874(3)(a) do not specifically require property owners to be listed as relevant contacts, it appears their inclusion on this list is discretionary and viewed as important and helpful. Applying the same logic, since the Town is a stakeholder (local residences, municipal buildings and local businesses including the existing office building on the subject property are connected or have allocated capacity to be connected to the treatment plant), it seems equally prudent and important to add the Town as a relevant contact. I respectfully suggest the following two parties be added to this list:

- Benson R. Gould, LSP, LEP (Town of Wayland's LSP)
CMG Environmental, Inc.
600 Charlton Street
Southbridge, MA 01550
508-765-8510

- Fred Turkington, Town Administrator
Wayland Town Building
41 Cochituate Rd.
Wayland, MA 01778
508 358 3620

2) page 13, section 3.1.1 Impacted Areas – Soil. Please explain what is meant by the following: “Activities and uses specifically prohibited include.....and subsurface activities and/or other activities that could render contaminated media accessible.” The protective language at the end of that sentence creates a general umbrella to cover activities that Raytheon appears to be concerned enough to include. What are they?

3) page 14, section 3.1.2 Impacted Areas – Groundwater. Toluene was detected in field lab screening above the GW1 standard. While Raytheon believes toluene is not representative, nevertheless it was found there, which indicates that there may be issues besides chlorinated solvents in the Northern Area. The same can be said for the detection of chloroform. Based on comments made at public meetings during this past year where the future redevelopment of the property has been discussed, major excavations and changes to the existing terrain and infrastructure seem possible. It is not clear if that will include installation of irrigation wells, drinking water wells, septic system, etc. So why is Raytheon not taking the most protective course by identifying and reporting toluene and chloroform as potential COCs (compounds of concern)?

4) pages 16-17, section 3.2.2 Remedial Goals – Groundwater. The performance standard for a permanent cleanup solution requires achieving background or making best efforts to approach background. In the wetlands portion of the cleanup, the effort was made to determine background for arsenic. Given the Northern Area also sits in our Zone II for the Baldwin Wellfield (drinking water), and to be most protective, why is Raytheon not including establishing background and including monitoring for toluene and chloroform?

5) page 19, section 4.2.2 Design & Construction – Cofferdam. Please explain what utility lines will be affected by deactivation prior to construction. Will that affect any existing active utility connections and uses, such as to the Wastewater Treatment Plant or for emergency public safety response capabilities?

6) page 20, section 4.2.3 Design & Construction – Excavation & Staging/Dewatering. “The Wayland Conservation Commission will receive copies of all analytical data.” I respectfully request that the Town’s LSP, Ben Gould, also be copied at the same time on all analytical data.

7) page 21, section 4.2.3 Design & Construction – Excavation & Staging/Staging
Whenever Raytheon mentions the use of “new soil”, it is not clear where the new soil will be coming from. Please specify your source for new soils to be used in the Northern Area.
Please also specify the street routes Raytheon and its contractors expect to use for transporting what will apparently be a great deal of large equipment and soils. During the Q&A portion of the May 17 PIP, Ed Madera indicated that Raytheon expects the vehicles to use Route 20, a state roadway. To avoid negative impacts to Wayland’s two nearby Historic Districts, designated scenic roads and residential neighborhoods, please amend your draft to include a traffic plan.

8) page 25, section 4.4.3 Implementation Program - Inspections & Monitoring Please add notification of the anticipated work schedule to the Town’s LSP (contact info already listed in item 1 above) so that he can decide if/when he wants to observe site work.

9) page 26, section 4.4.6 Implementation Program – Property Access Should the owner of the Wastewater Treatment Plant be included in property access discussions? Should the

Wastewater District Commission be invited to such discussions since the Town owns that land parcel as described in item 1 above? If that opportunity has not been offered yet, please consider doing so, again, in the public interest.

I also recall the public was invited on occasion to observe previous site work, e.g. wetlands project. Ed Madera indicated at the May 17 PIP meeting that he anticipates making such planned public site visits available again this fall. Is it appropriate to include mention of this in the RIP?

10) page 29, section 5.3.1 Design & Implementation – Pre-Remedial Design Activities

Raytheon refers to anticipated destruction of existing groundwater monitoring wells in the work zone during source area soil excavation. Please identify which specific wells are at risk. Will Raytheon replace those wells in the same exact locations as part of this RIP? I am assuming it is important to do so for the integrity of the data. What precautions will be taken to protect any and all existing wells on the property given that site activity will occur in many parts of the property?

11) page 33, section 6.0 Implementation Schedule Ed Madera indicated at the May 17 PIP meeting that he anticipates the next PIP meeting to occur this fall, perhaps in October, to report to the public the outcome of this soil excavation activity. Please amend your schedule to include mention of approximate months for future anticipated PIP meetings, at least through year 2007. That being said, I am mindful of the role Mother Nature plays in your proposed cleanup activities. Several years ago, your wetlands cleanup was complicated by bad weather, resulting in the need for an extension on your permit deadline. It is fortunate that Raytheon is planning this next step with more time flexibility, hoping that August will have dry enough conditions. Given some news media forecasts for increased incidence of hurricanes in the Northeast this year, what backup plan does Raytheon have for this implementation schedule in the event Mother Nature does not cooperate?

May 17 PIP Meeting:

1) Transition to new Raytheon project manager: From my review of the cable TV rebroadcast, you did an excellent job with your first PIP presentation in Wayland, and it was an informative and productive meeting. Questions about how the cleanup relates to the future or ongoing legal negotiations (that are not public) are challenging and are not likely to go away. You and outgoing project manager Ed Madera made it clear how Raytheon views its focus and obligations with respect to the cleanup. Maintaining clear and open lines of communication among all stakeholders remains very important.

2) Powerpoint Slide 7: Request for a more clear historical synopsis: Thank you for your effort to be mindful of the “first-timers” who attended this meeting. Your Powerpoint slide number 7 showing only arsenic and MTBE in the wetlands and southern areas respectively may convey an incomplete picture, unfortunately, for those who are new to the hazmat issues. “First timers” either at the meeting or watching the cable TV rebroadcast are not likely to otherwise know that your wetlands excavation reduced the presence of other contaminants (PCBs, PAHs, metals, etc.) and the southern area cleanup was prompted by a release in the office building courtyard. During the Q&A portion of the meeting, you broadened your explanations. Can you please consider adding an historical snapshot (two overlays should suffice, one for each of those site locations) in your Powerpoint presentation so the public can appreciate the scope of the cleanup work already completed since this became a PIP site?

3) Powerpoint Slides 9, 16 & 17: Request for more detail: Questions from the public indicated that everyone would benefit from a bit more information on these slides. Slide 9 (the angled boundary line) would be less confusing if Raytheon identified who owns each parcel (the Draft IV RIP report does list such information elsewhere) so the public can better appreciate the relationships amongst the stakeholders, including identifying the location of the Town's Wastewater Treatment Plant. And on Slides 16 & 17, it would be more informative if the groundwater divide and flow lines on the eastern portion of the property (not all groundwater flows and discharges westerly towards the Sudbury River) were shown. I respectfully suggest that information be added to future Powerpoint presentations.

4) Q&A

- An overriding concern implicit and explicit in many of the questions asked by the public, including town officials, is the need and interest to understand how Raytheon's planned cleanup site activities will be well-coordinated and integrated with proposed plans to redevelop the property. The new zoning district recently approved at town meeting calls for replacing the existing structures with residential housing and retail stores. To underscore that ongoing and pressing need for clear information and open communication, please be aware that as recently as two nights ago, at a Planning Board meeting with the developers' team, the Planning Board expressed concern about the deed restrictions as a possible factor in the Town pursuing ownership of a 2-acre Town Green yet to be designated. That is separate from the municipal pad for which a lease agreement is anticipated. While town ownership of the green might help avoid future first amendment rights conflicts, the project manager postponed detailed discussion about the deed restrictions, liability and other environmental concerns such ownership may raise.
- Last year, on June 27, 2005, Raytheon and Ben Gould met with the Wayland Selectmen to provide an update about the cleanup. At that time, the terms of the existing deed restrictions and AUL were explained and "memorialized" in a letter. It will be very important for the Town to be informed about the terms of whatever new agreement Raytheon negotiates regarding lifting the existing restrictions and imposing new ones.
- Another unknown is what contaminants, if any, lie under the existing structures on the property in soils and groundwater. Monitoring the status of remediation activities in the identified "southern area" involves the existing office building. While Raytheon responded to several variations of this question at the PIP meeting, it would be helpful if the citations for the specific MCP and Brownfields regulations and "standard of care" required by site owners can be identified. How they are followed, reported and overseen will be very important for what has been a complex PIP site in this environmentally sensitive location.
- As redevelopment of the property moves forward, what plan/protocol will Raytheon create to protect its investment, interests and the public welfare? You have spent many years and many dollars on this project since it became a PIP site in year 2000. There is public confidence in your proven track record, but this property has changed ownership several times in recent years and could do so again tomorrow.

- Will Raytheon post on its website and add to the repositories any and all reports, correspondence related to your oversight of environmental issues on the property (within your jurisdiction), and legal agreements which are affected or generated by redevelopment activities? One example mentioned at the PIP meeting was the need for the developer to provide (to whom?) a soil management plan. What protocol is there for such plans? Does it include testing? If so, where do those data get reported?
- Another question asked at the PIP meeting was about the possible need to move the existing outfall pipe. There has been some creative and innovative thinking about septic solutions that could possibly involve relocating the Wastewater Treatment Plant. And there has been mention by the Selectmen about a canoe launch along the Sudbury River. What will Raytheon's protocol be to respond to any such requests?
- As you know from our communication today, it would be helpful if Raytheon would please clarify exactly how it prefers written public comment to be submitted. If email alone is not considered adequate, please explain which formats are preferred/acceptable for future submittals.

Thank you again for this opportunity to comment on your Draft Phase IV RIP report and the May 17 PIP meeting. I hope these personal comments and questions are helpful.

I repeat my appreciation for the state-of-the-art technology and expertise Raytheon and ERM continue to apply towards resolving the hazmat issues on this property. Your PIP meetings are well-prepared and very informative, and the ability of any interested party to readily access information about your project on your website is greatly appreciated.

I particularly thank Ed Madera for the years and hard work he has invested in this project as he moves on to other responsibilities at Raytheon. His presentations and forthright dialogue at PIP meetings have contributed greatly to the public's understanding of Raytheon's commitment to protecting our community's health and environment.

If you have any questions about this submittal, please do not hesitate to contact me.

Sincerely,

Linda L. Segal

cc: Ed Madera, Raytheon
Wayland Town Boards
Wayland Public Library PIP file
Wayland Board of Health PIP file
Karen Stromberg, DEP PIP Coordinator
John Drobinski, LSP, ERM, Boston
Jeremy Picard, ERM, Boston
Ben Gould, LSP, CMG Environmental, Inc.