

February 22, 2007

Mr. Herbert Rosenthal, First Selectman  
Town of Newtown  
City Hall  
Main Street  
Newtown, CT

Re: Expenditures  
Fairfield Hill Environmental Remediation Oversight

Dear Mr. Rosenthal:

I am writing this letter to detail the expenditures made by my firm on behalf of the Town of Newtown related to environmental remediation at Fairfield Hills. My understanding is that questions of overcharging were raised by some town individual(s). I do not know specific allegations as no one has attempted to contact me regarding this matter. Therefore, I will simply explain the expenditures and their causes.

The environmental remediation at Fairfield Hills consisted of excavation of pesticide and lead contaminated soils from around the buildings. The low-bid remedial firm, Fleet Environment Services, Inc., of Newtown, Connecticut, was the low bidder at approximately \$2.7 million dollars.

R. W. Bartley & Associates, Inc.'s work related to this remediation was to direct and document the cleanup, and to provide remedial contractor oversight and contract management. The majority of work by R. W. Bartley & Associates, Inc., and therefore the majority of our expenditures on behalf of the Town, was related to intensive soil sampling and laboratory analyses we did throughout the duration of the remedial work. This continual soil sampling and assessment of the results was required to direct the ongoing removal of contaminated soils and to document that all contaminated soil was removed.

The Connecticut Department of Environmental Protection required all pesticide- and lead-contaminated soils from around Fairfield Hills' buildings to be removed to specific low levels. The Connecticut Department of Environmental Protection also required that the attainment of these specific levels be well documented. Surface sampling at each building foundation was initially performed to determine buildings and locations where pesticides and lead were present in the soil. Once the top layer of soil was excavated at each area of each building, sampling of soils at the edges and bottom of the excavation and an examination of results was conducted to determine if any additional soils needed to be excavated at that location (either further out from the building or deeper). This process was then repeated over and over until the concentrations specified by the Connecticut Department of Environmental Protection were reached at every

point around every building at Fairfield Hills. This necessitated the scientific collection of thousands of soil samples; the processing, documentation, and packaging of these samples for shipment to laboratory; and laboratory analysis of the samples. After the results were received from the laboratory for each sample batch detailed quality assurance and quality control reviews were completed and documented for each sample to ensure the analysis results were within specific accuracy limits required by the Connecticut Department of Environmental Protection. Once this was completed and results were examined against complex remedial criteria, the next excavation phase limits were determined and new, updated, excavation plans for the specific building area were produced (often overnight) and sent to the remedial contractor.

In addition to R. W. Bartley & Associates, Inc. office staff working on the project, a field office was staffed at the Fairfield Hills Engineer's Cottage for personnel to provide the specific field oversight and continual soil sampling.

The appropriate disposition of all excavated soils had to be determined on an ongoing basis. Depending upon the level of contamination, soils could be brought to different disposal facilities. The purpose of this sampling and analysis of the excavated soil was to ensure that soil disposal costs could be kept as low as possible by directing less-contaminated soils to less expensive disposal facilities that could accept these less-contaminated soils.

R. W. Bartley & Associates, Inc. also retained a geotechnical subcontractor to ensure that buildings would not be damaged as work progressed excavating soils from around and beneath foundations. This geotechnical consultant also performed in-field testing to ensure that backfill soil was placed and compacted to specifications.

A total of approximately \$718,000 has been incurred by R. W. Bartley & Associates, Inc. on behalf of the Town related to this environmental remediation from September 2005 through January 2007. This included the review of bids; evaluation of insurance needs and execution of contract; oversight of the contract; daily collection of samples; analysis of samples; daily direction of the contractor; daily production of updated excavation plans; analysis of soil samples to determine appropriate disposal; quality assurance quality control review and documentation of all samples; and daily oversight of construction activities. Of this \$718,000, approximately \$387,000 was for laboratory expenses for analysis of the thousands of soil samples, approximately \$30,000 was for geotechnical consulting services and drilling subcontractors, approximately \$26,000 was for direct expenses, and approximately \$266,000 was for labor over this 17-month remediation project. A summary of expenditures by month is attached. The vast majority of expenditures were for the continual sampling and assessment of remaining soil contamination during remediation. We estimate that less than 5% of the expenditures on behalf of the Town was for contractor oversight and contract management.

An industry professional examining this provided information would determine R.W. Bartley & Associates, Inc.'s costs for this project to be well within industry norms. The citizens of the Town of Newtown received more than their money's worth on this project.

R. W. Bartley & Associates, Inc., has always performed our work with the best interests of the Town of Newtown in mind. Specifically, we point out:

1. The Town of Newtown was able to negotiate hundreds of thousands if not millions of dollars worth of concessions from the State because of our discovery of pesticide contamination that the State's consultants overlooked;
2. R. W. Bartley & Associates, Inc. is performing services to the Town at rates deeply discounted from industry standard rates;
3. The Fairfield Hills remediation was completed on time and on budget;
4. Through R. W. Bartley & Associates, Inc.'s structuring of the bids to receive both unit price and lump sum bids, the Town of Newtown saved \$500,000 that was already on the books to be expended for cost-cap insurance.

Please let me know if any further information should be provided in regard to this issue.

Sincerely,

R. W. BARTLEY & ASSOCIATES, INC.



Russell W. Bartley, P.E., LEP  
President

Enclosures: Remediation Direction and Oversight Expenditures Table  
Monthly Services Details

C: File

**Fairfield Hill RAP Soil Remediation Project  
RWB&A Remediation Direction and Oversight Expenditures**

	<b>Labor</b>	<b>Laboratory</b>	<b>Expenses</b>	<b>Geotechnical &amp; Drilling Subcontractors</b>	<b>Totals</b>
Sep-05	\$2,793.50		\$157.78		\$2,951.28
Oct-05	\$10,662.50	\$740.03	\$716.63		\$12,119.16
Nov-05	\$22,314.50	\$13,365.50	\$1,532.96		\$37,212.96
Dec-05	\$35,108.25	\$56,598.00	\$2,802.27	\$3,182.85	\$97,691.37
Jan-06	\$31,612.50	\$42,087.51	\$3,096.77		\$76,796.78
Feb-06	\$33,104.00	\$52,660.27	\$3,129.08	\$4,831.75	\$93,725.10
Mar-06	\$32,183.50	\$56,892.43	\$3,340.16	\$2,723.60	\$95,139.69
Apr-06	\$29,498.00	\$64,863.69	\$3,247.36	\$6,689.10	\$104,298.15
May-06	\$20,977.00	\$59,794.77	\$2,652.63		\$83,424.40
Jun-06	\$21,946.50	\$25,131.70	\$2,734.62	\$10,155.83	\$59,968.65
Jul-06	\$9,694.00	\$6,340.92	\$1,252.77	\$1,765.00	\$19,052.69
Aug-06	\$11,888.50	\$5,234.54	\$1,015.47		\$18,138.51
Sep-06	\$4,388.00	\$3,505.69	\$439.56		\$8,333.25
Oct-06	\$3,178.00	\$880.90	\$217.12	\$243.65	\$4,519.67
Nov-06	\$1,443.00	\$243.82	\$227.63		\$1,914.45
Dec-06	\$652.00				\$652.00
Jan-07	\$1,926.50	\$165.88	\$134.88		\$2,227.26
<b>Totals</b>	<b>\$266,170.75</b>	<b>\$387,215.05</b>	<b>\$26,118.06</b>	<b>\$29,348.13</b>	<b>\$718,165.37</b>