

LaGoy Risk Analysis, Inc.

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Kevin Kavanaugh
ECMS, Inc.
288 Grove Street, #391
Braintree, MA 02184

RE: Evaluation of January 2021 Soil Data from the Charles C.
Cashman Elementary School, 193 Lions Mouth Road,
Amesbury, Massachusetts.

Dear Kevin:

In a July 27, 2020 letter report, I reviewed the soil data collected by Environmental & Construction Management Services, Inc. (ECMS) from the Charles C. Cashman Elementary School property at 193 Lions Mouth Road in Amesbury, Massachusetts and prepared an evaluation of the potential for an imminent hazard and risks associated with the arsenic detected in the soil at that time. I understand that additional samples were collected and analyzed from playing fields at the school in January 2021. This letter addresses the new data.

In the initial evaluation letter, I noted that the detected constituents do not pose an Imminent Hazard to children or adults under the Massachusetts Contingency Plan (MCP), which is the relevant state regulatory program, that use as a playing field does not pose a calculated Significant Risk as that term is defined under the MCP, and that the arsenic appears to be present as a result of its presence in native soil.

The additional soil samples that were collected and analyzed in January 2021 from the playing fields showed results consistent with the results from the July 2020 sampling event. The 12 January 2021 samples had arsenic concentrations that ranged from 19.1 mg/kg to 70.4 mg/kg, with an average of 47.7 mg/kg. The arsenic concentrations in the 15 samples collected in July 2020 had concentrations that ranged from 21.9 mg/kg to 82.3 mg/kg, with an upper bound estimate of the average of 46.4 mg/kg. These results are consistent, and consequently, the recent sample results confirm and support the conclusions of the July 2020 evaluation letter.

As noted in that letter, even though use of the fields is considered unlikely to result in risks to users and soils are likely consistent with background, it would be prudent to take steps to mitigate the potential for exposure. I understand that the fields will be used this Spring, and then construction activities will start that will limit further contact with this soil. Based on these activities, actual risks are likely substantially lower than estimated in the July 27, 2020 letter report.

If you have any questions, please give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter K. LaGoy". The signature is fluid and cursive, with a large initial "P" and a long, sweeping underline.

(electronic signature)

Peter K. LaGoy
Principal