



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Central Regional Office • 8 New Bond Street, Worcester MA 01606 • 508-792-7650

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April 5, 2017

Casella Waste Systems, Inc.
25 Greens Hill Lane
Rutland, VT 05701

Attention: John Casella,
President

Re: Immediate Response Action
Southbridge Landfill
165 Barefoot Road
Southbridge, MA
RTN 2-0019678

Dear Mr. Casella:

The Massachusetts Department of Environmental Protection (“MassDEP”) has reviewed the Immediate Response Action (“IRA”) Status Report, submitted to MassDEP on March 15, 2017, for the above-referenced Site. The IRA Status Report was prepared by Tighe & Bond, Inc. and submitted by Jeffrey Arps, Licensed Site Professional of Record (LSP No. 4589). In accordance with MassDEP’s IRA Approval, dated November 21, 2016, Casella Waste Systems, Inc. is currently required to perform monthly sampling and analysis of private wells within 500 feet of any detection of a contaminant of concern due to additional contaminant detections and increased concentrations identified during the July and August, 2016 quarterly private well sampling event. The March 15, 2017 IRA Status Report includes a request to reduce the frequency of sampling private drinking water wells within 500 feet of any detection of a contaminant of concern from monthly to quarterly. Pursuant to 310 CMR 40.0420(11), MassDEP denies the request to reduce sampling frequency from monthly to quarterly sampling at this time. MassDEP also denies the request to reduce IRA Status Report submittal frequency.

In addition, sampling of residential wells in September 2016 detected concentrations of lead at concentrations of 10 µg/l and 280 µg/l in drinking water samples collected at 150 Berry Corner Road and 10 Eleanor Lane, respectively. Upon receipt of these sampling results, MassDEP spoke with LSP Arps to require sampling of other residential drinking water supplies within 500 feet of 150 Berry Corner Road and 10 Eleanor Lane, in accordance with a prior IRA approval requirement to sample all residential wells within 500 feet of a detection of any contaminant of concern detected at the landfill. MassDEP considers lead a contaminant of concern that has been detected in landfill monitoring wells. To date, Casella Waste Systems,

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Southbridge Recycling & Disposal Park, Inc.
165 Barefoot Rd., Southbridge
RTN: 2-0019678

Inc. has not sampled wells within 500 feet of 150 Berry Corner Road or 10 Eleanor Lane for lead. Although subsequent resampling of drinking water conducted in October and November 2016 at 150 Berry Corner Road and 10 Eleanor Lane, detected lower concentrations that were attributed by Casella Waste Systems, Inc. to the home water treatment system at 10 Eleanor Lane and as a historically anomalous sampling result at 150 Berry Corner Road, Casella Waste Systems, Inc. must sample private wells within 500 feet of those locations pursuant to prior IRA approvals.

MassDEP is requiring sampling of any residential well for lead within 500 feet of 10 Eleanor Lane and 150 Berry Corner Road, and within 500 feet of any subsequent detections of lead in a residential water supply well. Initial sampling of residential wells at 10 Eleanor Lane, 150 Berry Corner Road, and within 500 feet of these properties shall be performed by **May 5, 2017**. Sampling of any residential wells where lead is or has been detected, including 150 Berry Corner Road and 10 Eleanor Lane, shall continue to be conducted on monthly basis. Detections of lead in a residential drinking water well are considered a Critical Exposure Pathway (CEP) and will require elimination, prevention, or mitigation with provision of bottled water or point-of-entry treatment system installation, per 310 CMR 40.0414.

MassDEP thanks Casella Waste Systems, Inc. for their continued cooperation in this matter. Please contact me in MassDEP's Central Regional Office at (508) 767-2805 if you have any questions.

Sincerely,



Kevin W. Daoust
Section Chief
Emergency Response
Bureau of Waste Site Cleanup

MEB/KWD

[IRA/APWRIT-ER]

- ecc: Mary Jude Pigsely, Regional Director, MassDEP-CERO
Mark Baldi, Deputy Regional Director, BWSC, MassDEP-CERO
John Kronopolous, Deputy Regional Director, BAW, MassDEP-CERO
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Southbridge Board of Health
Southbridge Town Manager
Charlton Board of Health
Charlton Board of Selectmen
Sturbridge Board of Health
Sturbridge Board of Selectmen
Tracy Markham; SRDP, Inc.
Samuel Nicolai; Casella Waste Systems, Inc.
Gary Magnuson, LSP
Jeffrey Arps, LSP
Nicole Roy; Sanborn, Head & Associates, Inc.
- cc: Database Entry