

September 12, 2023

James A. McQuade, Section Chief
Solid Waste Management Program
MassDEP Central Regional Office
8 New Bond Street
Worcester, Massachusetts 01606

Subject: Monthly Reporting – August 2023
Permit No. X283688
Former Mabardy Landfill
River Street in Winchendon, Massachusetts
CEC Project No: 306-000

Dear Mr. McQuade:

Civil & Environmental Consultants, Inc. (CEC) presents this letter to fulfill the monthly reporting and recordkeeping requirements at the above referenced landfill (hereby referred to as the “Site”). This submittal was prepared in accordance with Section E of the Specific Permit Conditions as described in the Permit Number X283688 (CAD permit approval) in order to document tonnage received in the past month and any operational problems or deficiencies encountered in the Project.

1.0 MATERIAL ACCEPTED

W.L. French began to import approved soils for shaping and grading at the Site on January 19, 2021 in accordance with the CAD permit approval issued on September 23, 2020. A summary table showing the tonnage of material accepted at the Landfill over the previous month and cumulative yardage and tonnage of material accepted is provided with this letter. Following the approval of the *BWP SW 22 Minor Modification of an Existing Landfill*, dated May 5, 2023, a total of 912,000 tons are permitted for the facility. As presented in the attached summary, 32,023.68 tons (~16,855 cubic yards) were received by the facility in August 2023 which results in 51,422.45 tons (~27,064 cubic yards) remaining.

2.0 OPERATIONAL MODIFICATIONS

During the initial test pitting within the northern permitted stormwater basin footprint, groundwater elevations were detected at higher elevations than the bottom elevation of the permitted basin. Therefore, a stormwater basin redesign was required to allow the stormwater management system to function as originally intended. A temporary basin was installed in the

James A. McQuade - MassDEP

CEC Project: 306-000

Page 2

September 12, 2023

same general vicinity and a permanent stormwater redesign was prepared and submitted to MassDEP under a Major Permit Modification (BWP SW 11) on September 6, 2022. The permanent stormwater basin design was approved for an amended Order of Conditions by the Winchendon Conservation Commission at a public hearing on June 9, 2022.

A Test Pit Summary Report was issued to MassDEP on November 15, 2022, that summarized the results of the test pit investigation performed by CEC personnel on October 17th and 19th, 2022 (Auth. # SW45-0000182). Observations of the test pit investigation were included in the Test Pit Summary Report that provided a 'Proposed Limit of Final Cap' and redesigned the limit of waste based on the observations of the test pit investigation.

In April 2023, CEC prepared and applied for a BWP SW22 *Minor Modification of an Existing Landfill* that detailed proposed modifications to the previously permitted and approved final closure conditions. The BWP SW22 Minor Modification was approved with a Permit Issuance Date of May 5, 2023. This approved modification authorized an additional 65,000 cubic yards, or 123,500 tons, of grading and shaping material at the Landfill in order to achieve the final approved grades.

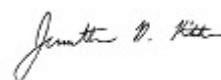
Please do not hesitate to contact either of us with any questions or comments regarding the work performed.

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.


Kyle F. Hampton

Kyle F. Hampton
Project Manager


Jonathan D. Kitchen

Jonathan D. Kitchen, LSP, PG
Principal

Enclosure: 580 River Street, LLC Gross/Tare/Net Daily Summary

580 River Street, LLC
Gross/Tare/Net Daily Summary

Order: by Job Type: Incoming
From 08/01/2023 to 08/31/2023

08/01/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	139,880	69.94
08/01/2023 Totals	2	139,880	69.94

08/02/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Brookline Catch Basin Cleanings (T20-0169-1-M)	7	460,380	230.19
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	129,320	64.66
Alta Marlborough (T23-0200-1-M)	15	1,116,240	558.12
Drill Spoils Lynn Belden Bly Bridge (T23-0222-1-B)	4	288,540	144.27
08/02/2023 Totals	28	1,994,480	997.24

08/03/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Huntington Tower (C21-015-1-b)	7	509,280	254.64
MassDOT District 3 Catch Basin Cleanings (T17-01	15	1,109,560	554.78
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	134,180	67.09
Eversource Hudson URAM soil (T22-1481-1-B)	9	648,960	324.48
Alta Marlborough (T23-0200-1-M)	11	758,700	379.35
Drill Spoils Lynn Belden Bly Bridge (T23-0222-1-B)	3	230,440	115.22
Retaining Wall Saugus BeldenBly Bridge (T23-0222	1	81,120	40.56
08/03/2023 Totals	48	3,472,240	1,736.12

08/04/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	2	156,140	78.07
C22-017 William Carter School (C22-017-1-b ADD	2	149,700	74.85
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	126,860	63.43
Eversource Hudson URAM soil (T22-1481-1-B)	4	281,780	140.89
The Cove Worcester 85 Green St (T22-1483-1-M)	6	440,740	220.37
Alta Marlborough (T23-0200-1-M)	15	1,060,820	530.41
08/04/2023 Totals	31	2,216,040	1,108.02

08/07/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MassDOT District 3 Catch Basin Cleanings (T17-01	6	411,540	205.77
Wellesley Catch Basin Cleanings (T21-0152-1-M)	9	582,660	291.33
Tufts University Tennis Complex (T22-1423-1-B)	2	145,860	72.93
Alta Marlborough (T23-0200-1-M)	22	1,526,860	763.43
08/07/2023 Totals	39	2,666,920	1,333.46

08/08/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Brookline Catch Basin Cleanings (T20-0169-1-M)	8	529,420	264.71

580 River Street, LLC

Gross/Tare/Net Daily Summary

Order: by Job Type: Incoming

From 08/01/2023 to 08/31/2023

Tufts University Tennis Complex (T22-1423-1-B)	2	154,460	77.23
55 Fruit St (T23-0079-1-mss)	2	158,860	79.43
Alta Marlborough (T23-0200-1-M)	4	285,740	142.87
UMass CSL Building (T23-0227-1-B)	1	52,800	26.40
08/08/2023 Totals	17	1,181,280	590.64

08/09/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
C22-017 William Carter School (C22-017-1-b ADD)	2	135,440	67.72
Wellesley Catch Basin Cleanings (T21-0152-1-M)	2	132,980	66.49
Binney Park (T22-1409-1-B)	4	310,780	155.39
Tufts University Tennis Complex (T22-1423-1-B)	2	149,520	74.76
08/09/2023 Totals	10	728,720	364.36

08/10/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
85 Boston Street (T21-0139-1-B)	9	680,660	340.33
Tufts University Tennis Complex (T22-1423-1-B)	2	147,180	73.59
Eversource - Station 20 (T23-0119-1-B)	4	274,140	137.07
Retaining Wall Saugus BeldenBly Bridge (T23-0222	4	300,440	150.22
08/10/2023 Totals	19	1,402,420	701.21

08/11/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	20	1,464,040	732.02
85 Boston Street (T21-0139-1-B)	8	591,420	295.71
Ragon Inst Group II-1 (T21-0147-1-B)	3	173,360	86.68
Eversource - Station 20 (T23-0119-1-B)	4	278,740	139.37
Alta Marlborough (T23-0200-1-M)	6	389,860	194.93
Retaining Wall Saugus BeldenBly Bridge (T23-0222	3	236,840	118.42
08/11/2023 Totals	44	3,134,260	1,567.13

08/14/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	34	2,474,400	1,237.20
66 Galen St Watertown BOL Soil (T21-0114-1-B)	10	695,720	347.86
Eversource Hudson URAM soil (T22-1481-1-B)	6	477,400	238.70
MXD Development (T23-0214-1-B)	1	71,200	35.60
Retaining Wall Saugus BeldenBly Bridge (T23-0222	4	291,580	145.79
08/14/2023 Totals	55	4,010,300	2,005.15

08/15/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	10	759,620	379.81
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	2	62,280	31.14
Eversource Hudson URAM soil (T22-1481-1-B)	6	392,620	196.31

580 River Street, LLC

Gross/Tare/Net Daily Summary

Order: by Job Type: Incoming

From 08/01/2023 to 08/31/2023

350 Boylston St, Boston, MA (T22-6392-1-B)	19	1,345,880	672.94
55 Fruit St (T23-0079-1-mss)	2	161,480	80.74
Charlton Catch Basin Cleanings (T23-0117-1-M)	9	423,320	211.66
Alta Marlborough (T23-0200-1-M)	6	409,740	204.87
08/15/2023 Totals	54	3,554,940	1,777.47

08/16/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	33	2,405,860	1,202.93
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	2	62,820	31.41
Tufts University Tennis Complex (T22-1423-1-B)	2	146,060	73.03
08/16/2023 Totals	37	2,614,740	1,307.37

08/17/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Huntington Tower (C21-015-1-b)	5	371,440	185.72
MIT SOMA Building 2 (C22-009-1-B)	40	2,966,400	1,483.20
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	2	85,740	42.87
Rindge Commons (T22-1237-1-B)	6	278,080	139.04
382 Harvard Street, Cambridge, MA (T22-1447-1-B)	1	44,360	22.18
Alta Marlborough (T23-0200-1-M)	3	195,380	97.69
08/17/2023 Totals	57	3,941,400	1,970.70

08/18/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
MIT SOMA Building 2 (C22-009-1-B)	15	1,072,740	536.37
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	1	41,760	20.88
66 Galen St Watertown BOL Soil (T21-0114-1-B)	10	734,300	367.15
Rindge Commons (T22-1237-1-B)	5	176,040	88.02
Binney Park (T22-1409-1-B)	4	293,500	146.75
382 Harvard Street, Cambridge, MA (T22-1447-1-B)	1	44,300	22.15
Alta Marlborough (T23-0200-1-M)	3	141,720	70.86
08/18/2023 Totals	39	2,504,360	1,252.18

08/21/2023

Job Name	<u>Loads</u>	<u>Net</u>	<u>Net Tons</u>
Huntington Tower (C21-015-1-b)	8	614,620	307.31
MIT SOMA Building 2 (C22-009-1-B)	20	1,422,900	711.45
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	1	46,080	23.04
Tropical Products (C23-010-1-B)	8	543,940	271.97
325 Binney St, Cambridge, MA (T20-0350-1-M)	4	277,740	138.87
Arlington Catch Basin Cleanings (T21-0353-1-M)	4	254,280	127.14
Binney Park (T22-1409-1-B)	4	297,720	148.86
Alta Marlborough (T23-0200-1-M)	2	140,860	70.43
1 Rogers St Cambridge (T23-0224-1-B)	3	144,860	72.43

580 River Street, LLC
Gross/Tare/Net Daily Summary

Order: by Job Type: Incoming
From 08/01/2023 to 08/31/2023

08/21/2023 Totals	54	3,743,000	1,871.50
-------------------	----	-----------	----------

08/22/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	13	941,900	470.95
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	1	25,760	12.88
Tropical Products (C23-010-1-B)	2	144,620	72.31
Middlesex Eversource Mystic to Woburn (T19-0371	3	214,160	107.08
325 Binney St Cambridge (T20-0350-1-m add 2)	4	258,500	129.25
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	131,340	65.67
Eversource - Station 20 (T23-0119-1-B)	5	394,840	197.42
Alta Marlborough (T23-0200-1-M)	6	429,000	214.50
1 Rogers St Cambridge (T23-0224-1-B)	4	173,180	86.59
08/22/2023 Totals	40	2,713,300	1,356.65

08/23/2023

Job Name	Loads	Net	Net Tons
Sussmna 50 Pleasant St Brookline (C23-001-1-m)	1	35,000	17.50
325 Binney St Cambridge (T20-0350-1-m add 2)	4	300,700	150.35
Arlington Catch Basin Cleanings (T21-0353-1-M)	2	149,440	74.72
85 Boston St Everett (T22-1360-1-b)	11	805,320	402.66
Binney Park (T22-1409-1-B)	4	297,780	148.89
420 Rutherford Ave Charlestown (T22-1496-1-B)	14	1,063,200	531.60
55 Fruit St (T23-0079-1-mss)	2	148,260	74.13
Alta Marlborough (T23-0200-1-M)	10	726,220	363.11
1 Rogers St Cambridge (T23-0224-1-B)	2	80,560	40.28
08/23/2023 Totals	50	3,606,480	1,803.24

08/24/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	9	648,860	324.43
325 Binney St Cambridge (T20-0350-1-m add 2)	4	295,360	147.68
Revere DPW (T21-0279-2-M)	5	340,820	170.41
420 Rutherford Ave Charlestown (T22-1496-1-B)	13	1,014,860	507.43
Alta Marlborough (T23-0200-1-M)	2	152,840	76.42
08/24/2023 Totals	33	2,452,740	1,226.37

08/25/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	24	1,800,580	900.29
GLX (T18-0354-2-m ADD 3)	1	54,520	27.26
Residences at 1800 Boylston (T21-0087-1-B)	8	641,060	320.53
420 Rutherford Ave Charlestown (T22-1496-1-B)	11	839,860	419.93
12 Hemenway Street (T23-0103-1-M)	3	49,260	24.63
Eversource Station 250 Everett Charlesto (T23-0257	6	440,460	220.23

580 River Street, LLC
Gross/Tare/Net Daily Summary

Order: by Job Type: Incoming
From 08/01/2023 to 08/31/2023

08/25/2023 Totals	53	3,825,740	1,912.87
-------------------	----	-----------	----------

08/28/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	37	2,678,480	1,339.24
Residences at 1800 Boylston (T21-0087-1-B)	6	454,340	227.17
85 Boston St Everett (T22-1360-1-b)	12	923,340	461.67
420 Rutherford Ave Charlestown (T22-1496-1-B)	4	281,260	140.63
08/28/2023 Totals	59	4,337,420	2,168.71

08/29/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	43	3,113,200	1,556.60
Residences at 1800 Boylston (T21-0087-1-B)	9	661,320	330.66
420 Rutherford Ave Charlestown (T22-1496-1-B)	4	290,340	145.17
55 Fruit St (T23-0079-1-mss)	2	140,640	70.32
UConn S. Campus Infrastructure (T23-0157-1-M)	2	109,620	54.81
08/29/2023 Totals	60	4,315,120	2,157.56

08/30/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	46	3,278,740	1,639.37
C22-017 William Carter School (C22-017-1-b ADD	4	285,860	142.93
Middlesex Eversource Mystic to Woburn (T19-0371	2	144,060	72.03
Residences at 1800 Boylston (T21-0087-1-B)	6	443,060	221.53
08/30/2023 Totals	58	4,151,720	2,075.86

08/31/2023

Job Name	Loads	Net	Net Tons
MIT SOMA Building 2 (C22-009-1-B)	2	123,040	61.52
C22-017 William Carter School (C22-017-1-b ADD	10	654,320	327.16
Middlesex Eversource Mystic to Woburn (T19-0371	2	135,660	67.83
Residences at 1800 Boylston (T21-0087-1-B)	6	426,840	213.42
08/31/2023 Totals	20	1,339,860	669.93

Grand Total	907	64,047,360	32,023.68
--------------------	------------	-------------------	------------------