

## Winchendon Landfill Site Observation – March 17, 2022

**TO:** Brian Croteau, DPW Director  
**FROM:** Aaron Sabbs, PE, Tighe & Bond  
**COPY:** Tracy Murphy, Director of Planning and Development & Acting Planning Agent  
Alex Fagnand, PE, Tighe & Bond  
**DATE:** May 13, 2022

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On March 17, 2022, Aaron Sabbs from Tighe & Bond visited the Winchendon Landfill (hereby referred to as the "Site") to monitor the grading and shaping activities of the Landfill Closure Project. The Site, which is located at 580 River Street, is the former Mabardy Landfill. It is owned and operated by W.L. French Corporation (Operator) as the Winchendon Landfill. As part of the Landfill Closure Project, the Massachusetts Department of Environmental Protection (MassDEP) has permitted the acceptance of up to 415,000 cubic yards of COMM 97-001 material as defined by MassDEP Policy. In accordance with Condition 13 of the Landfill Closure Agreement between the Town and the Operator, the Site was reviewed for compliance with the following documents:

- Corrective Action Design permit approval issued on September 23, 2020 and Corrective Action Design Plans prepared by Langdon Environmental, LLC, dated June 2019 and revised October 2019.
- Initial Operations Plan, by Langdon Environmental, LLC, dated January 2021, revised to include temporary rip rap settling area.

### Landfill Operations

General landfill operations appeared to comply with best practices and the Corrective Action Design. While on site, material was placed and spread by bulldozer in the general area of Section B-B of Sheet C-5 of the Corrective Action Design, within the limits designated for initial placement.

### Stormwater and Erosion

Stormwater conveyances have been constructed per the Initial Operations Plan as revised to include a temporary rip rap settling area. This plan was submitted to MassDEP under a Major Permit Modification (BWP SQ 11). A swale, including check dams, has been constructed from the temporary stormwater basin to the temporary settling area. Overflow from the temporary stormwater basin runs to the settling area with a PVC culvert running beneath the access road. The swale from the northern section of the site to the temporary stormwater basin has not yet been constructed.

The swale had previously experienced significant sediment buildup and damage from heavy rainfall. The Operator has rebuilt portions of the swale and check dams, including installing additional rip rap to remedy the damage. The swale will require continued maintenance and cleaning, as sediment is still visible within the swale and settling area. The swale and settling area were full of water at the time of the site visit. The check dams had recently been rebuilt to slow the flow of water and capture sediment.

Erosion control was present along the northern, southern, and western edges of the site. There were no noted deficiencies in the erosion control. The eastern slope is not stabilized, and erosion control was not present. Recent rainfall has damaged the existing access road,

portions of which have eroded, and the remaining sections are impassible by vehicle. The access road is not a permanent feature, and this area will be filled in the future. Erosion from this slope is not in danger of affecting adjacent properties, provided that the settling basin is maintained. The Operator indicated that the access road will be relocated to the east to allow passage around the outside of the slope.

Erosion on the southwestern slope has caused an accumulation of sediment at the base of the slope. The sediment has overtopped the wood chip berm and has built up at the haybale erosion control. The sediment in this area should be removed before it overtops the erosion control at the limit of work.

**Material Accepted**

Tighe & Bond reviewed the attached Net Daily Summary Report received for the month of March, which details the total tonnage and number of loads of material received by the facility. As indicated in Table 1 below, a total of 39,235.17 tons of material was received in March, which results in 396,238.19 tons remaining of the total 788,500 tons permitted. Based on a utilization factor of 1.9 tons per cubic yard of soil, the total volume received in March was 20,650.09 cubic yards, which results in 208,546.42 cubic yards remaining. This represents about 50% of the total permitted volume remaining.

**Table 1 - Cumulative Material Received**

<u>Month-Year</u>	<u>Material Received (tons)</u>	<u>Material Received (cubic yards)</u>
Before Feb-21	12,764.15	6,717.97
Feb-21	32,224.28	16,960.15
Mar-21	26,702.78	14,054.09
Apr-21	22,376.79	11,777.26
May-21	26,096.58	13,735.04
Jun-21	24,834.48	13,070.78
Jul-21	16,002.93	8,422.59
Aug-21	13,708.12	7,214.80
Sep-21	32,160.64	16,926.65
Oct-21	29,375.34	15,460.71
Nov-21	30,332.79	15,964.63
Dec-21	37,372.65	19,669.82
Jan-22	28,064.80	14,770.95
Feb-22	21,010.31	11,058.06
Mar-22	39,235.17	20,650.09
<b>Total</b>	<b>392,261.81</b>	<b>206,453.58</b>
<b>Remaining</b>	<b>396,238.19</b>	<b>208,546.42</b>

The DEP permit limits the number of loads received to 64 per day without special Town permission. There were no days in March in which the number of loads received was greater than 64.

Enclosed are photographs summarizing the items observed during the site visit.



*Photo 1 – Eastern slope and access road.*



*Photo 2 – Temporary stormwater overflow catch basin.*



*Photo 3 – Swale and check dams between temporary stormwater basin and temporary rip rap settling area.*



*Photo 4 – Swale between temporary stormwater basin and temporary rip rap settling area.*



*Photo 5 - Temporary rip rap settling area.*



*Photo 6 - Material placed and graded in the northern area of the site.*



*Photo 7 – Representative view of erosion control on the western limits of the Site.*



*Photo 8 – Southwestern slope and erosion control.*



*Photo 9 – Grading at monitoring well.*



*Photo 10 – Silt buildup at southwestern limits of the Site.*



*Photo 11 – Existing slope and erosion control at the southern limits of the Site.*



# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

**3/1/2022**

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	25	0	0.0	1,702,220	851.11
Seaport Parcel L5 (T21-0228-1-M) Totals	4	0	0.0	319,340	159.67
Pawtucket Tunnel (T21-0385-1-M) Totals	20	0	0.0	1,317,720	658.86

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	49	0	0.0	3,339,280	1,669.64

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	5	0	0.0	330,560	165.28

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	5	0	0.0	330,560	165.28

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/1/2022 Totals</u>	54	0	0.0	3,669,840	1,834.92

**3/2/2022**

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	11	0	0.0	756,200	378.10
Seaport Parcel L5 (T21-0228-1-M) Totals	5	0	0.0	365,460	182.73
Pawtucket Tunnel (T21-0385-1-M) Totals	20	0	0.0	1,416,940	708.47

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	36	0	0.0	2,538,600	1,269.30

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	8	0	0.0	519,960	259.98

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	8	0	0.0	519,960	259.98

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/2/2022 Totals</u>	44	0	0.0	3,058,560	1,529.28

**3/3/2022**

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
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Legend: I = Imported, E = Edited, M = Minimum Chg

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	2	0	0.0	147,220	73.61
Allston Yards - BOL (C21-010-1-B) Totals	20	0	0.0	1,436,200	718.10
West Garage Back Bay tower drill spoils (T20-0313-1-B) T	1	0	0.0	39,100	19.55
Ragon Inst I-3 I-3A (T21-0147-2-M) Totals	4	0	0.0	306,160	153.08
215 Canal Street Lawrence (T21-0346-1-M) Totals	6	0	0.0	431,340	215.67
Pawtucket Tunnel (T21-0385-1-M) Totals	25	0	0.0	1,775,200	887.60
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	2	0	0.0	112,840	56.42

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	60	0	0.0	4,248,060	2,124.03

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	240,940	120.47

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	240,940	120.47

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/3/2022 Totals</u>	64	0	0.0	4,489,000	2,244.50

### 3/4/2022

#### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Allston Yards - BOL (C21-010-1-B) Totals	13	0	0.0	940,760	470.38
CHA Truman Apts Cambridge (T20-0312-1-M) Totals	2	0	0.0	88,320	44.16
Ragon Inst I-3 I-3A (T21-0147-2-M) Totals	10	0	0.0	702,600	351.30
JQUS 4500 cuyds (T21-0373-1-M) Totals	3	0	0.0	219,020	109.51
Pawtucket Tunnel (T21-0385-1-M) Totals	25	0	0.0	1,746,300	873.15

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	53	0	0.0	3,697,000	1,848.50

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/4/2022 Totals</u>	53	0	0.0	3,697,000	1,848.50

### 3/7/2022

#### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Ragon Inst I-3 I-3A (T21-0147-2-M) Totals	6	0	0.0	450,200	225.10
Pawtucket Tunnel (T21-0385-1-M) Totals	23	0	0.0	1,558,380	779.19

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	29	0	0.0	2,008,580	1,004.29

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/7/2022 Totals</u>	29	0	0.0	2,008,580	1,004.29

**3/8/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Allston Yards - BOL (C21-010-1-B) Totals	15	0	0.0	1,078,740	539.37
West Garage Back Bay tower drill spoils (T20-0313-1-B) T	1	0	0.0	42,080	21.04
Ragon Inst I-3 I-3A (T21-0147-2-M) Totals	4	0	0.0	313,240	156.62
Seaport Parcel L5 (T21-0228-1-B) Totals	4	0	0.0	297,320	148.66
Logan Airport Terminals B-C (T21-0323-1-M) Totals	12	0	0.0	870,920	435.46
Pawtucket Tunnel (T21-0385-1-M) Totals	18	0	0.0	1,154,300	577.15

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	54	0	0.0	3,756,600	1,878.30

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### Catch Basins (300)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Waltham CB 167 Lexington St Waltham (T20-0155-1-M) T	2	0	0.0	144,020	72.01

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>Catch Basins (300) Totals</u>	2	0	0.0	144,020	72.01

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### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	250,140	125.07

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	250,140	125.07

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/8/2022 Totals</u>	60	0	0.0	4,150,760	2,075.38

**3/9/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Allston Yards - BOL (C21-010-1-B) Totals	9	0	0.0	644,160	322.08
West Garage Back Bay tower drill spoils (T20-0313-1-B) T	2	0	0.0	78,400	39.20
Route 2 E. Hartford (T21-0186-1-M) Totals	10	0	0.0	538,120	269.06
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	62,260	31.13

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Legend: I = Imported, E = Edited, M = Minimum Chg

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Logan Airport Terminals B-C (T21-0323-1-M) Totals	10	0	0.0	706,800	353.40
JQUS 4500 cuyds (T21-0373-1-M) Totals	4	0	0.0	274,060	137.03
Pawtucket Tunnel (T21-0385-1-M) Totals	10	0	0.0	698,940	349.47
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	4	0	0.0	276,080	138.04

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	51	0	0.0	3,278,820	1,639.41

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### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Pawtucket Tunnel (T21-0385-1-M) Totals	1	0	0.0	74,220	37.11
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-)	4	0	0.0	272,440	136.22

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	5	0	0.0	346,660	173.33

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/9/2022 Totals</u>	56	0	0.0	3,625,480	1,812.74

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## **3/10/2022**

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Allston Yards - BOL (C21-010-1-B) Totals	19	0	0.0	1,351,040	675.52
Route 2 E. Hartford (T21-0186-1-M) Totals	17	0	0.0	858,360	429.18
Logan Airport Terminals B-C (T21-0323-1-M) Totals	6	0	0.0	429,920	214.96
215 Canal Street Lawrence (T21-0346-1-M) Totals	5	0	0.0	335,160	167.58
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	8	0	0.0	569,800	284.90
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	2	0	0.0	143,000	71.50

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	57	0	0.0	3,687,280	1,843.64

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### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-)	4	0	0.0	283,540	141.77

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	283,540	141.77

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/10/2022 Totals</u>	61	0	0.0	3,970,820	1,985.41

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# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

3/11/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	2	0	0.0	142,960	71.48
Allston Yards - BOL (C21-010-1-B) Totals	20	0	0.0	1,474,220	737.11
CHA Truman Apts Cambridge (T20-0312-1-M) Totals	4	0	0.0	178,080	89.04
West Garage Back Bay tower drill spoils (T20-0313-1-B) T	2	0	0.0	89,440	44.72
Route 2 E. Hartford (T21-0186-1-M) Totals	13	0	0.0	608,440	304.22
Belmont St Worc (T21-0278-1-m) Totals	9	0	0.0	659,100	329.55
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	8	0	0.0	567,540	283.77

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	58	0	0.0	3,719,780	1,859.89

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1	4	0	0.0	275,260	137.63

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	275,260	137.63

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/11/2022 Totals</u>	62	0	0.0	3,995,040	1,997.52

3/14/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Allston Yards - BOL (C21-010-1-B) Totals	24	0	0.0	1,723,400	861.70
Route 2 E. Hartford (T21-0186-1-M) Totals	20	0	0.0	1,018,160	509.08
Seaport Parcel L5 (T21-0228-1-B) Totals	4	0	0.0	278,180	139.09
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	88,140	44.07
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	4	0	0.0	264,360	132.18

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	54	0	0.0	3,372,240	1,686.12

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1	4	0	0.0	300,980	150.49

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	300,980	150.49

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/14/2022 Totals</u>	58	0	0.0	3,673,220	1,836.61

**3/15/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Building 2 (C20-016-1-M) Totals	10	0	0.0	724,760	362.38
GLX (T18-0354-4-M) Totals	4	0	0.0	307,040	153.52
Route 2 E. Hartford (T21-0186-1-M) Totals	11	0	0.0	589,680	294.84
Seaport Parcel L5 (T21-0228-1-B) Totals	4	0	0.0	274,520	137.26
Belmont St Worc (T21-0278-1-m) Totals	11	0	0.0	851,440	425.72
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	107,200	53.60
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	2	0	0.0	141,620	70.81

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	44	0	0.0	2,996,260	1,498.13

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### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	277,980	138.99

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	277,980	138.99

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/15/2022 Totals</u>	48	0	0.0	3,274,240	1,637.12

**3/16/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	26	0	0.0	1,832,700	916.35
GLX (T18-0354-4-M) Totals	14	0	0.0	1,034,620	517.31
Belmont St Worc (T21-0278-1-m) Totals	12	0	0.0	857,840	428.92
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	90,300	45.15
215 Canal Street Lawrence (T21-0346-1-M) Totals	3	0	0.0	192,980	96.49
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	1	0	0.0	69,660	34.83

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	58	0	0.0	4,078,100	2,039.05

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### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	299,640	149.82

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	299,640	149.82

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/16/2022 Totals</u>	62	0	0.0	4,377,740	2,188.87

**3/17/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	2	0	0.0	151,020	75.51
GLX (T18-0354-4-M) Totals	16	0	0.0	1,167,580	583.79
Belmont St Worc (T21-0278-1-m) Totals	12	0	0.0	905,940	452.97
149 Newbury St Boston (T21-0306-1-M) Totals	6	0	0.0	301,960	150.98
215 Canal Street Lawrence (T21-0346-1-M) Totals	1	0	0.0	73,680	36.84
JQUS 4500 cuyds (T21-0373-1-M) Totals	7	0	0.0	494,000	247.00
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	1	0	0.0	61,600	30.80

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	45	0	0.0	3,155,780	1,577.89

### Catch Basins (300)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Brookline Catch Basin Cleanings (T20-0169-1-M) Totals	3	0	0.0	206,220	103.11

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>Catch Basins (300) Totals</u>	3	0	0.0	206,220	103.11

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	259,700	129.85

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	4	0	0.0	259,700	129.85

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/17/2022 Totals</u>	52	0	0.0	3,621,700	1,810.85

**3/18/2022**

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### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	10	0	0.0	737,180	368.59
West Garage Back Bay tower drill spoils (T20-0313-1-B) T	2	0	0.0	83,100	41.55
Belmont St Worc (T21-0278-1-m) Totals	12	0	0.0	901,460	450.73

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Legend: I = Imported, E = Edited, M = Minimum Chg

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
149 Newbury St Boston (T21-0306-1-M) Totals	6	0	0.0	317,100	158.55
JQUS 4500 cu yds (T21-0373-1-M) Totals	4	0	0.0	276,280	138.14

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	34	0	0.0	2,315,120	1,157.56

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/18/2022 Totals</u>	34	0	0.0	2,315,120	1,157.56

### 3/21/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Boynton Yards Phase 1B Utilities (C20-016-1-B) Totals	12	0	0.0	867,820	433.91
Belmont St Worc (T21-0278-1-m) Totals	11	0	0.0	760,080	380.04
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	101,300	50.65
Pawtucket Tunnel (T21-0385-1-M) Totals	14	0	0.0	936,040	468.02
Triangle Park (T22-1024-1-B) Totals	2	0	0.0	142,120	71.06

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	41	0	0.0	2,807,360	1,403.68

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/21/2022 Totals</u>	41	0	0.0	2,807,360	1,403.68

### 3/22/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
GLX (T18-0354-4-M) Totals	16	0	0.0	1,149,220	574.61
87 Union Street, New Haven, CT (T21-0099-1-M) Totals	10	0	0.0	504,540	252.27
Seaport Parcel L5 (T21-0228-1-M) Totals	6	0	0.0	458,220	229.11
Belmont St Worc (T21-0278-1-m) Totals	12	0	0.0	844,320	422.16
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	87,360	43.68
Pawtucket Tunnel (T21-0385-1-M) Totals	4	0	0.0	289,180	144.59
Triangle Park (T22-1024-1-B) Totals	4	0	0.0	263,920	131.96

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	54	0	0.0	3,596,760	1,798.38



# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<b>3/22/2022 Totals</b>	<b>54</b>	<b>0</b>	<b>0.0</b>	<b>3,596,760</b>	<b>1,798.38</b>

### 3/23/2022

<u>COMM-97 Soil (100)</u>					
	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
GLX (T18-0354-4-M) Totals	6	0	0.0	436,040	218.02
AOTC Talcott Ave (T20-0345-1-B) Totals	4	0	0.0	200,180	100.09
92 Grand St, Worcester (T21-0032-1-B) Totals	12	0	0.0	901,400	450.70
87 Union Street, New Haven, CT (T21-0099-1-M) Totals	7	0	0.0	334,300	167.15
Belmont St Worc (T21-0278-1-m) Totals	12	0	0.0	869,300	434.65
Pawtucket Tunnel (T21-0385-1-M) Totals	8	0	0.0	581,460	290.73
Triangle Park (T22-1024-1-B) Totals	4	0	0.0	265,160	132.58
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	1	0	0.0	68,100	34.05
<b>COMM-97 Soil (100) Totals</b>	<b>54</b>	<b>0</b>	<b>0.0</b>	<b>3,655,940</b>	<b>1,827.97</b>

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<b>3/23/2022</b>	<b>54</b>	<b>0</b>	<b>0.0</b>	<b>3,655,940</b>	<b>1,827.97</b>

### 3/24/2022

<u>COMM-97 Soil (100)</u>					
	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Bowdoin St Dorchester (T21-0030-1-B) Totals	10	0	0.0	553,660	276.83
92 Grand St, Worcester (T21-0032-1-B) Totals	6	0	0.0	438,340	219.17
Pawtucket Tunnel (T21-0385-1-M) Totals	10	0	0.0	681,640	340.82
Triangle Park (T22-1024-1-B) Totals	4	0	0.0	272,920	136.46
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	2	0	0.0	149,280	74.64
<b>COMM-97 Soil (100) Totals</b>	<b>32</b>	<b>0</b>	<b>0.0</b>	<b>2,095,840</b>	<b>1,047.92</b>
<b>3/24/2022 Totals</b>	<b>32</b>	<b>0</b>	<b>0.0</b>	<b>2,095,840</b>	<b>1,047.92</b>

### 3/25/2022

<u>COMM-97 Soil (100)</u>					
	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
CHA Truman Apts Cambridge (T20-0312-1-M) Totals	2	0	0.0	97,740	48.87

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Bowdoin St Dorchester (T21-0030-1-B) Totals	10	0	0.0	473,980	236.99
92 Grand St, Worcester (T21-0032-1-B) Totals	15	0	0.0	1,048,280	524.14
Seaport Parcel L5 (T21-0228-1-M) Totals	8	0	0.0	586,520	293.26
215 Canal Street Lawrence (T21-0346-1-M) Totals	3	0	0.0	214,900	107.45
Pawtucket Tunnel (T21-0385-1-M) Totals	10	0	0.0	706,640	353.32
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	6	0	0.0	414,060	207.03
Triangle Park (T22-1024-1-B) Totals	2	0	0.0	137,480	68.74
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	1	0	0.0	75,040	37.52

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	57	0	0.0	3,754,640	1,877.32

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	1	0	0.0	78,300	39.15

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	1	0	0.0	78,300	39.15

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/25/2022 Totals</u>	58	0	0.0	3,832,940	1,916.47

## 3/28/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
CHA Truman Apts Cambridge (T20-0312-1-M) Totals	1	0	0.0	43,600	21.80
85 Boston Street (T21-0139-1-B) Totals	11	0	0.0	763,320	381.66
Pawtucket Tunnel (T21-0385-1-M) Totals	11	0	0.0	748,840	374.42
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	3	0	0.0	205,480	102.74
Triangle Park (T22-1024-1-B) Totals	2	0	0.0	129,780	64.89
2 H St South Boston SP-4 (T22-1069-1-M) Totals	8	0	0.0	586,900	293.45

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	36	0	0.0	2,477,920	1,238.96

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/28/2022 Totals</u>	36	0	0.0	2,477,920	1,238.96

## 3/29/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
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Legend: I = Imported, E = Edited, M = Minimum Chg

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
85 Boston Street (T21-0139-1-B) Totals	28	0	0.0	2,031,540	1,015.77
149 Newbury St Boston (T21-0306-1-M) Totals	4	0	0.0	182,440	91.22
23 Sycamore Ave, Medford (T22-1007-1-M) Totals	4	0	0.0	264,120	132.06
Triangle Park (T22-1024-1-B) Totals	2	0	0.0	140,920	70.46
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	1	0	0.0	76,960	38.48
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	1	0	0.0	71,620	35.81
2 H St South Boston SP-4 (T22-1069-1-M) Totals	7	0	0.0	500,900	250.45

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	47	0	0.0	3,268,500	1,634.25

### COMM-94 Dredge (600)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	1	0	0.0	75,180	37.59

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-94 Dredge (600) Totals</u>	1	0	0.0	75,180	37.59

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/29/2022 Totals</u>	48	0	0.0	3,343,680	1,671.84

## 3/30/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
85 Boston Street (T21-0139-1-B) Totals	20	0	0.0	1,474,480	737.24
149 Newbury St Boston (T21-0306-1-M) Totals	2	0	0.0	103,760	51.88
Triangle Park (T22-1024-1-B) Totals	2	0	0.0	138,800	69.40
74 Middlesex St, Somerville, MA (T22-1029-1-BS) Totals	2	0	0.0	142,700	71.35
2 H St South Boston SP-4 (T22-1069-1-M) Totals	6	0	0.0	449,200	224.60

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	32	0	0.0	2,308,940	1,154.47

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	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/30/2022 Totals</u>	32	0	0.0	2,308,940	1,154.47

## 3/31/2022

### COMM-97 Soil (100)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Residences at 1800 Boylston (T21-0087-1-B) Totals	6	0	0.0	333,380	166.69
85 Boston Street (T21-0139-1-B) Totals	15	0	0.0	1,061,400	530.70

# 580 River Street, LLC

## Gross/Tare/Net Summary

Order: by Material (100,300,600) by Job Type: All  
From 03/01/2022 to 03/31/2022

### COMM-97 Soil (100) (Continued)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
215 Canal Street Lawrence (T21-0346-1-M) Totals	2	0	0.0	146,180	73.09
Pawtucket Tunnel (T21-0385-1-M) Totals	18	0	0.0	1,286,080	643.04
Sediment Traphole Brook Mill Pond Norwoo (T22-1044-1-1)	4	0	0.0	318,600	159.30
GE Lynn 40 SP 5 A and B (T22-1093-1-B) Totals	6	0	0.0	386,200	193.10

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>COMM-97 Soil (100) Totals</u>	51	0	0.0	3,531,840	1,765.92

### Catch Basins (300)

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
Newton Catch Basin Cleanings (T19-0312-1-M) Totals	13	0	0.0	892,020	446.01

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>Catch Basins (300) Totals</u>	13	0	0.0	892,020	446.01

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<u>3/31/2022 Totals</u>	64	0	0.0	4,423,860	2,211.93

	<u>Loads</u>	<u>Units</u>	<u>Yards</u>	<u>Net</u>	<u>Net Tons</u>
<b>Grand Totals</b>	1,156	0	0.0	78,470,340	39,235.17