

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
1A	Fluvaquents-Udifulvents complex, 0 to 3 percent slopes, frequently flooded	Very limited	Fluvaquents, frequently flooded 45% Wetness Flooding Seepage Extreme soil temperatures Low precipitation Udifulvents, frequently flooded 40% Wetness Flooding Seepage Extreme soil temperatures Low precipitation Wayland 10% Wetness Flooding Low strength Extreme soil temperatures Low precipitation Naples Creek 5% Low strength Wetness Flooding Extreme soil temperatures Low precipitation
2A	Geneseo silty clay loam, 0 to 3 percent slopes	Very limited	Geneseo 90% Wetness Flooding Low strength Piping Extreme soil temperatures Naples Creek 10% Low strength Wetness Flooding Extreme soil temperatures Low precipitation
3A	Hemlock silty clay loam, 0 to 3 percent slopes	Very limited	Hemlock 90% Low strength Wetness Flooding Extreme soil temperatures Low precipitation Naples Creek 10% Low strength Wetness Flooding Extreme soil temperatures Low precipitation

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4A	Naples Creek silty clay loam, 0 to 3 percent slopes	Very limited	Naples Creek 90% Low strength Wetness Flooding Extreme soil temperatures Low precipitation Wayland 5% Wetness Flooding Low strength Extreme soil temperatures Low precipitation Hemlock 5% Low strength Wetness Flooding Extreme soil temperatures Low precipitation
5A	Wayland soils complex, 0 to 3 percent slopes, frequently flooded	Very limited	Wayland 60% Wetness Flooding Low strength Extreme soil temperatures Low precipitation Wayland, very poorly drained 30% Wetness Flooding Ponding Low strength Extreme soil temperatures Wakeville 10% Wetness Flooding Piping Extreme soil temperatures Low precipitation
12D	Rockrift channery silt loam, 15 to 25 percent slopes	Very limited	Rockrift 85% Slope Extreme soil temperatures Low precipitation Mongaup, very stony 10% Slope Piping Extreme soil temperatures Low precipitation Willdin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation
13F	Rock outcrop-Arnot complex, 25 to 70 percent slopes	Not rated	Rock outcrop 55%

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14D	Cadosia channery silt loam, 15 to 25 percent slopes	Very limited	Cadosia 85% Slope Extreme soil temperatures Low precipitation Lordstown, very stony 10% Slope Extreme soil temperatures Low precipitation Mardin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation
15A	Guyanoga channery silt loam, fan, 0 to 3 percent slopes	Very limited	Guyanoga, fan 90% Seepage Wetness Low strength Extreme soil temperatures Low precipitation Chenango, fan 5% Seepage Wetness Extreme soil temperatures Low precipitation Hemlock 5% Low strength Wetness Flooding Extreme soil temperatures Low precipitation
15B	Guyanoga channery silt loam, fan, 3 to 8 percent slopes	Very limited	Guyanoga, fan 90% Seepage Wetness Slope Low strength Extreme soil temperatures Hemlock 5% Low strength Wetness Flooding Extreme soil temperatures Low precipitation Chenango, fan 5% Seepage Wetness Slope Extreme soil temperatures Low precipitation

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16A	Almond channery silt loam, 0 to 3 percent slopes	Very limited	Almond 80% Wetness Low strength Extreme soil temperatures Low precipitation Norchip 8% Wetness Piping Low strength Extreme soil temperatures Low precipitation Ontusia 7% Wetness Piping Low strength Extreme soil temperatures Low precipitation Greter 5% Wetness Slope Low strength Extreme soil temperatures Low precipitation
16B	Almond channery silt loam, 3 to 8 percent slopes	Very limited	Almond 80% Wetness Slope Low strength Extreme soil temperatures Low precipitation Greter 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Salamanca 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Ontusia 5% Wetness Slope Piping Low strength Extreme soil temperatures Norchip 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation

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Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
16C	Almond channery silt loam, 8 to 15 percent slopes	Very limited	Almond 80% Slope Wetness Low strength Extreme soil temperatures Low precipitation Salamanca 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Norchip 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Ontusia 5% Slope Wetness Piping Low strength Extreme soil temperatures Gretor 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
18A	Homer fine sandy loam, 0 to 3 percent slopes	Very limited	Homer 90% Seepage Wetness Extreme soil temperatures Low precipitation Phelps 5% Wetness Seepage Low strength Extreme soil temperatures Low precipitation Fine-loamy, mixed, active, mesic Typic Argiaquolls 5% Wetness Low strength Extreme soil temperatures Low precipitation

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19A	Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Fine-loamy, mixed, active, mesic Typic Argiaquolls 80% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Homer 8% Seepage Wetness Extreme soil temperatures Low precipitation Atherton 7% Wetness Low strength Piping Seepage Extreme soil temperatures Palms, undrained 5% Low strength Wetness Ponding Seepage Extreme soil temperatures
20A	Atherton and Fine-loamy, mixed, active, mesic, Typic Argiaquolls, 0 to 3 percent slopes	Very limited	Atherton 41% Wetness Low strength Piping Seepage Extreme soil temperatures Fine-loamy, mixed, active, mesic Typic Argiaquolls 39% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Homer 8% Seepage Wetness Extreme soil temperatures Low precipitation Canandaigua 7% Wetness Low strength Extreme soil temperatures Low precipitation Castile 5% Seepage Wetness Extreme soil temperatures Low precipitation

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24A	Howard gravelly loam, 0 to 3 percent slopes	Very limited	Howard 80% Seepage Extreme soil temperatures Low precipitation Palmyra 10% Seepage Extreme soil temperatures Low precipitation Arkport 5% Seepage Extreme soil temperatures Low precipitation Phelps 5% Wetness Seepage Low strength Extreme soil temperatures Low precipitation
24B	Howard gravelly loam, 3 to 8 percent slopes	Very limited	Howard 80% Seepage Slope Extreme soil temperatures Low precipitation Palmyra 10% Seepage Slope Extreme soil temperatures Low precipitation Arkport 5% Seepage Slope Extreme soil temperatures Low precipitation Phelps 5% Wetness Seepage Slope Low strength Extreme soil temperatures
24C	Howard gravelly loam, 8 to 15 percent slopes	Very limited	Howard 80% Seepage Slope Extreme soil temperatures Low precipitation Palmyra 10% Seepage Slope Extreme soil temperatures Low precipitation Arkport 5% Slope Seepage Extreme soil temperatures Low precipitation Phelps 5% Wetness Seepage Slope Low strength Extreme soil temperatures

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24D	Howard soils, 15 to 25 percent slopes	Very limited	Howard 65% Seepage Slope Extreme soil temperatures Low precipitation Palmyra 20% Seepage Slope Extreme soil temperatures Low precipitation Arkport 13% Slope Seepage Extreme soil temperatures Low precipitation Phelps 2% Wetness Seepage Slope Low strength Extreme soil temperatures
25A	Chenango gravelly loam, 0 to 3 percent slopes	Very limited	Chenango 90% Seepage Extreme soil temperatures Low precipitation Castile 8% Seepage Wetness Extreme soil temperatures Low precipitation Valois 2% Seepage Extreme soil temperatures Low precipitation
25B	Chenango gravelly loam, 3 to 8 percent slopes	Very limited	Chenango 90% Seepage Slope Extreme soil temperatures Low precipitation Castile 5% Seepage Wetness Slope Extreme soil temperatures Low precipitation Valois 5% Seepage Slope Extreme soil temperatures Low precipitation

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
25C	Chenango gravelly loam, 8 to 15 percent slopes	Very limited	Chenango 90% Seepage Slope Extreme soil temperatures Low precipitation Castile 5% Seepage Slope Wetness Extreme soil temperatures Low precipitation Valois 5% Slope Seepage Extreme soil temperatures Low precipitation
25D	Chenango gravelly loam, 15 to 25 percent slopes	Very limited	Chenango 90% Seepage Slope Extreme soil temperatures Low precipitation Castile 8% Seepage Slope Wetness Extreme soil temperatures Low precipitation Valois 2% Slope Seepage Extreme soil temperatures Low precipitation
25E	Chenango gravelly loam, 25 to 35 percent slopes	Very limited	Chenango 90% Seepage Slope Extreme soil temperatures Low precipitation Valois 10% Slope Seepage Extreme soil temperatures Low precipitation

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26B	Chenango channery loam, fan, 3 to 8 percent slopes	Very limited	Chenango, fan 85% Seepage Wetness Slope Extreme soil temperatures Low precipitation Guyanoga, fan 5% Seepage Wetness Slope Low strength Extreme soil temperatures Castile 5% Seepage Wetness Slope Extreme soil temperatures Low precipitation Hemlock 5% Low strength Wetness Flooding Extreme soil temperatures Low precipitation
27B	Castile gravelly silt loam, 3 to 8 percent slopes	Very limited	Castile 85% Seepage Wetness Slope Extreme soil temperatures Low precipitation Phelps 5% Wetness Seepage Slope Low strength Extreme soil temperatures Chenango 5% Seepage Slope Extreme soil temperatures Low precipitation Homer 5% Seepage Wetness Extreme soil temperatures Low precipitation

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Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
31A	Collamer silt loam, 0 to 3 percent slopes	Very limited	Collamer 85% Wetness Piping Low strength Extreme soil temperatures Low precipitation Niagara 10% Wetness Low strength Extreme soil temperatures Low precipitation Schoharie 5% Low strength Wetness Extreme soil temperatures Low precipitation
31B	Collamer silt loam, 3 to 8 percent slopes	Very limited	Collamer 85% Wetness Slope Piping Low strength Extreme soil temperatures Niagara 10% Wetness Low strength Slope Extreme soil temperatures Low precipitation Schoharie 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation
31C	Collamer silt loam, 8 to 15 percent slopes	Very limited	Collamer 85% Slope Wetness Piping Low strength Extreme soil temperatures Niagara 10% Wetness Low strength Slope Extreme soil temperatures Low precipitation Schoharie 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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31D	Collamer silt loam, 15 to 25 percent slopes	Very limited	Collamer 90% Slope Wetness Piping Low strength Extreme soil temperatures Schoharie 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Niagara 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
32A	Dunkirk fine sandy loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Piping Extreme soil temperatures Low precipitation
32B	Dunkirk fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Slope Piping Extreme soil temperatures Low precipitation
33A	Dunkirk silt loam, 0 to 3 percent slopes	Somewhat limited	Dunkirk 90% Low strength Extreme soil temperatures Low precipitation
33B	Dunkirk silt loam, 3 to 8 percent slopes	Somewhat limited	Dunkirk 90% Low strength Slope Extreme soil temperatures Low precipitation
33C	Dunkirk silt loam, 8 to 15 percent slopes	Very limited	Dunkirk 90% Slope Low strength Extreme soil temperatures Low precipitation Arkport 4% Slope Seepage Extreme soil temperatures Low precipitation Schoharie 3% Low strength Slope Wetness Extreme soil temperatures Low precipitation Niagara 3% Wetness Low strength Slope Extreme soil temperatures Low precipitation

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Survey Area Version and Date: 23 - 09/05/2023

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33D	Dunkirk silt loam, 15 to 25 percent slopes	Very limited	Dunkirk 90% Slope Low strength Extreme soil temperatures Low precipitation Schoharie 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Arkport 5% Slope Seepage Extreme soil temperatures Low precipitation
33E	Dunkirk silt loam, 25 to 35 percent slopes	Very limited	Dunkirk 90% Slope Low strength Extreme soil temperatures Low precipitation Schoharie 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Arkport 5% Slope Seepage Extreme soil temperatures Low precipitation
34A	Lakemont silty clay loam, 0 to 3 percent slopes	Very limited	Lakemont 85% Low strength Wetness Extreme soil temperatures Low precipitation Odessa 5% Wetness Low strength Extreme soil temperatures Low precipitation Fonda 4% Low strength Wetness Ponding Extreme soil temperatures Low precipitation Canandaigua 4% Wetness Low strength Extreme soil temperatures Low precipitation Barre 2% Low strength Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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35A	Odessa silt loam, 0 to 3 percent slopes	Very limited	Odessa 85% Wetness Low strength Extreme soil temperatures Low precipitation Lakemont 5% Wetness Low strength Extreme soil temperatures Low precipitation Schoharie 5% Wetness Low strength Extreme soil temperatures Low precipitation Churchville 3% Wetness Piping Low strength Extreme soil temperatures Low precipitation Rhinebeck 2% Low strength Wetness Extreme soil temperatures Low precipitation
35B	Odessa silty clay loam, 3 to 8 percent slopes	Very limited	Odessa 85% Low strength Wetness Slope Extreme soil temperatures Low precipitation Schoharie 6% Wetness Low strength Slope Extreme soil temperatures Low precipitation Lakemont 4% Low strength Wetness Extreme soil temperatures Low precipitation Churchville 3% Wetness Piping Low strength Slope Extreme soil temperatures Rhinebeck 2% Low strength Wetness Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Survey Area Version and Date: 23 - 09/05/2023

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36A	Schoharie silty clay loam, 0 to 3 percent slopes	Very limited	Schoharie 85% Wetness Low strength Extreme soil temperatures Low precipitation Cazenovia 5% Wetness Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Extreme soil temperatures Low precipitation Cayuga 3% Wetness Extreme soil temperatures Low strength Low precipitation Collamer 2% Wetness Piping Extreme soil temperatures Low precipitation
36B	Schoharie silty clay loam, 3 to 8 percent slopes	Very limited	Schoharie 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Cazenovia 5% Wetness Slope Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation Cayuga 3% Wetness Slope Extreme soil temperatures Low strength Low precipitation Collamer 2% Wetness Slope Piping Extreme soil temperatures Low precipitation

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Ontario County, New York
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36C	Schoharie silty clay loam, 8 to 15 percent slopes	Very limited	Schoharie 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Odessa 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Cayuga 3% Slope Wetness Extreme soil temperatures Low strength Low precipitation Collamer 2% Slope Wetness Piping Extreme soil temperatures Low precipitation
36D	Schoharie silty clay loam, 15 to 25 percent slopes	Very limited	Schoharie 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Odessa 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Cayuga 3% Slope Wetness Extreme soil temperatures Low strength Low precipitation Collamer 2% Slope Wetness Piping Extreme soil temperatures Low precipitation

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36E	Schoharie silty clay loam, 25 to 45 percent slopes	Very limited	Schoharie 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Odessa 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Cayuga 3% Slope Wetness Extreme soil temperatures Low strength Low precipitation Collamer 2% Slope Wetness Piping Extreme soil temperatures Low precipitation
37A	Schoharie silt loam, 0 to 3 percent slopes	Very limited	Schoharie 85% Wetness Low strength Extreme soil temperatures Low precipitation Cazenovia 5% Wetness Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Extreme soil temperatures Low precipitation Cayuga 3% Wetness Extreme soil temperatures Low strength Low precipitation Collamer 2% Wetness Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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37B	Schoharie silt loam, 3 to 8 percent slopes	Very limited	Schoharie 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Cazenovia 5% Wetness Slope Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation Cayuga 3% Wetness Slope Extreme soil temperatures Low strength Low precipitation Collamer 2% Wetness Piping Slope Extreme soil temperatures Low precipitation
38A	Niagara silt loam, 0 to 3 percent slopes	Very limited	Niagara 85% Wetness Low strength Extreme soil temperatures Low precipitation Canandaigua 5% Wetness Low strength Extreme soil temperatures Low precipitation Rhinebeck 5% Low strength Wetness Extreme soil temperatures Low precipitation Collamer 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Survey Area Version and Date: 23 - 09/05/2023

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38B	Niagara silt loam, 3 to 8 percent slopes	Very limited	Niagara 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Canandaigua 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation Rhinebeck 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation Collamer 5% Wetness Piping Slope Low strength Extreme soil temperatures
39A	Rhinebeck silty clay loam, 0 to 3 percent slopes	Very limited	Rhinebeck 90% Low strength Wetness Extreme soil temperatures Low precipitation Lakemont 5% Low strength Wetness Extreme soil temperatures Low precipitation Niagara 5% Wetness Low strength Extreme soil temperatures Low precipitation
41A	Aeric Epiaquepts, 0 to 3 percent slopes	Very limited	Aeric Epiaquepts 50% Seepage Wetness Extreme soil temperatures Low precipitation Aeric Epiaquepts 45% Seepage Wetness Extreme soil temperatures Low precipitation Elnora 5% Seepage Wetness Piping Extreme soil temperatures Low precipitation

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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43A	Canandaigua silt loam, 0 to 3 percent slopes	Very limited	Canandaigua 90% Wetness Low strength Extreme soil temperatures Low precipitation Canandaigua 4% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Lakemont 3% Low strength Wetness Extreme soil temperatures Low precipitation Niagara 3% Wetness Low strength Extreme soil temperatures Low precipitation
44A	Canandaigua mucky silt loam, 0 to 3 percent slopes	Very limited	Canandaigua 90% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Canandaigua 5% Wetness Low strength Extreme soil temperatures Low precipitation Lakemont 3% Low strength Wetness Extreme soil temperatures Low precipitation Palms, undrained 2% Low strength Wetness Ponding Seepage Extreme soil temperatures
45A	Fonda mucky silt loam, 0 to 3 percent slopes	Very limited	Fonda 95% Low strength Wetness Ponding Extreme soil temperatures Low precipitation Canandaigua 3% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Palms, undrained 2% Low strength Wetness Ponding Seepage Extreme soil temperatures

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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46A	Galen fine sandy loam, 0 to 3 percent slopes	Very limited	Galen 90% Wetness Piping Seepage Extreme soil temperatures Low precipitation Aeric Epiaquepts 5% Seepage Wetness Extreme soil temperatures Low precipitation Kendaia 5% Wetness Extreme soil temperatures Low precipitation
46B	Galen fine sandy loam, 3 to 8 percent slopes	Very limited	Galen 90% Wetness Piping Seepage Slope Extreme soil temperatures Kendaia 5% Wetness Slope Extreme soil temperatures Low precipitation Aeric Epiaquepts 5% Seepage Wetness Extreme soil temperatures Low precipitation
48A	Arkport fine sandy loam, 0 to 3 percent slopes	Very limited	Arkport 95% Seepage Extreme soil temperatures Low precipitation Galen 2% Wetness Piping Seepage Extreme soil temperatures Low precipitation
48B	Arkport fine sandy loam, 3 to 8 percent slopes	Very limited	Arkport 95% Seepage Slope Extreme soil temperatures Low precipitation Galen 2% Wetness Piping Seepage Slope Extreme soil temperatures

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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48C	Arkport fine sandy loam, 8 to 15 percent slopes	Very limited	Arkport 95% Slope Seepage Extreme soil temperatures Low precipitation Dunkirk 3% Slope Piping Extreme soil temperatures Low precipitation Galen 2% Wetness Piping Seepage Slope Extreme soil temperatures
48D	Arkport fine sandy loam, 15 to 25 percent slopes	Very limited	Arkport 90% Slope Seepage Extreme soil temperatures Low precipitation Dunkirk 8% Slope Piping Extreme soil temperatures Low precipitation Palmyra 2% Seepage Slope Extreme soil temperatures Low precipitation
49B	Arkport loamy fine sand, 3 to 8 percent slopes	Very limited	Arkport 95% Seepage Piping Slope Extreme soil temperatures Low precipitation Galen 2% Wetness Piping Seepage Slope Extreme soil temperatures
49D	Arkport loamy fine sand, 15 to 25 percent slopes	Very limited	Arkport 95% Slope Seepage Piping Extreme soil temperatures Low precipitation Dunkirk 3% Slope Piping Extreme soil temperatures Low precipitation Palmyra 2% Seepage Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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49E	Arkport loamy fine sand, 25 to 35 percent slopes	Very limited	Arkport 90% Slope Seepage Piping Extreme soil temperatures Low precipitation Dunkirk 8% Slope Piping Extreme soil temperatures Low precipitation Palmyra 2% Seepage Slope Extreme soil temperatures Low precipitation
49F	Arkport loamy fine sand, 35 to 55 percent slopes	Very limited	Arkport 90% Slope Seepage Piping Extreme soil temperatures Low precipitation Dunkirk 8% Slope Piping Extreme soil temperatures Low precipitation Palmyra 2% Seepage Slope Extreme soil temperatures Low precipitation
50B	Dunkirk-Arkport complex, 3 to 8 percent slopes	Very limited	Arkport 45% Seepage Slope Extreme soil temperatures Low precipitation Collamer 5% Wetness Piping Slope Low strength Extreme soil temperatures
50C	Dunkirk-Arkport complex, 8 to 15 percent slopes	Very limited	Dunkirk 60% Slope Low strength Extreme soil temperatures Low precipitation Arkport 35% Slope Seepage Extreme soil temperatures Low precipitation Collamer 5% Slope Wetness Piping Low strength Extreme soil temperatures

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Ontario County, New York
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50D	Dunkirk-Arkport complex, 15 to 25 percent slopes	Very limited	Dunkirk 60% Slope Low strength Extreme soil temperatures Low precipitation Arkport 35% Slope Seepage Extreme soil temperatures Low precipitation Collamer 5% Slope Wetness Piping Low strength Extreme soil temperatures
53A	Lamson fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Wetness Piping Seepage Extreme soil temperatures Low precipitation Lamson 5% Wetness Ponding Piping Seepage Extreme soil temperatures Canandaigua 3% Wetness Low strength Extreme soil temperatures Low precipitation Galen 2% Wetness Piping Seepage Extreme soil temperatures Low precipitation
54A	Lamson mucky fine sandy loam, 0 to 3 percent slopes	Very limited	Lamson 90% Wetness Ponding Piping Seepage Extreme soil temperatures Canandaigua 5% Wetness Low strength Extreme soil temperatures Low precipitation Lamson 5% Wetness Piping Seepage Extreme soil temperatures Low precipitation

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56A	Elnora loamy fine sand, 0 to 3 percent slopes	Very limited	Elnora 90% Seepage Wetness Piping Extreme soil temperatures Low precipitation Aeric Epiaquepts 10% Seepage Wetness Extreme soil temperatures Low precipitation
58B	Colonie loamy fine sand, 3 to 8 percent slopes	Very limited	Colonie 95% Seepage Piping Slope Extreme soil temperatures Low precipitation Elnora 5% Seepage Wetness Piping Slope Extreme soil temperatures
58C	Colonie loamy fine sand, 8 to 15 percent slopes	Very limited	Colonie 95% Slope Seepage Piping Extreme soil temperatures Low precipitation Elnora 5% Seepage Wetness Piping Slope Extreme soil temperatures
62B	Mardin channery silt loam, 3 to 8 percent slopes	Very limited	Mardin 85% Wetness Piping Slope Extreme soil temperatures Low precipitation Bath 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Volusia 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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62C	Mardin channery silt loam, 8 to 15 percent slopes	Very limited	Mardin 88% Slope Wetness Piping Extreme soil temperatures Low precipitation Bath 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Volusia 5% Wetness Piping Slope Low strength Extreme soil temperatures Lordstown 2% Slope Extreme soil temperatures Low precipitation
62D	Mardin channery silt loam, 15 to 25 percent slopes	Very limited	Mardin 85% Slope Wetness Piping Extreme soil temperatures Low precipitation Lordstown 5% Slope Extreme soil temperatures Low precipitation Volusia 5% Slope Wetness Piping Low strength Extreme soil temperatures Bath 5% Slope Wetness Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

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62E	Mardin channery silt loam, 25 to 35 percent slopes	Very limited	Mardin 80% Slope Wetness Piping Extreme soil temperatures Low precipitation Bath 8% Slope Wetness Piping Extreme soil temperatures Low precipitation Lordstown, very stony 7% Slope Large stone content Extreme soil temperatures Low precipitation Volusia 5% Slope Wetness Piping Low strength Extreme soil temperatures
63B	Langford channery silt loam, 3 to 8 percent slopes	Very limited	Langford 85% Wetness Slope Piping Low strength Extreme soil temperatures Erie 10% Wetness Piping Low strength Extreme soil temperatures Low precipitation Schuyler 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

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Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
63C	Langford channery silt loam, 8 to 15 percent slopes	Very limited	Langford 85% Slope Wetness Piping Low strength Extreme soil temperatures Chadakoin 5% Slope Piping Extreme soil temperatures Low precipitation Erie 5% Wetness Slope Piping Low strength Extreme soil temperatures Schuyler 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
63D	Langford channery silt loam, 15 to 25 percent slopes	Very limited	Langford 80% Slope Wetness Piping Extreme soil temperatures Low strength Erie 5% Slope Wetness Piping Low strength Extreme soil temperatures Schuyler 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Towerville 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Chadakoin 5% Slope Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
64B	Langford-Erie channery silt loams, 3 to 8 percent slopes	Very limited	Langford 50% Wetness Slope Piping Low strength Extreme soil temperatures Erie 40% Wetness Slope Piping Low strength Extreme soil temperatures Chippewa 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Fremont 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
66A	Lyons soils, 0 to 3 percent slopes	Very limited	Lyons 75% Wetness Extreme soil temperatures Low precipitation Low strength Lyons, frequently ponded 15% Wetness Ponding Extreme soil temperatures Low strength Low precipitation Appleton 3% Wetness Extreme soil temperatures Low precipitation Canandaigua 3% Wetness Low strength Extreme soil temperatures Low precipitation Kendaia 2% Wetness Slope Extreme soil temperatures Low precipitation Palms, undrained 1% Low strength Wetness Ponding Seepage Extreme soil temperatures Iliion 1% Wetness Piping Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
68A	Volusia channery silt loam, 0 to 3 percent slopes	Very limited	Volusia 90% Wetness Piping Low strength Extreme soil temperatures Low precipitation Chippewa 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Mardin 5% Wetness Piping Slope Extreme soil temperatures Low precipitation
68B	Volusia channery silt loam, 3 to 8 percent slopes	Very limited	Volusia 90% Wetness Piping Slope Low strength Extreme soil temperatures Chippewa 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Mardin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation
68C	Volusia channery silt loam, 8 to 15 percent slopes	Very limited	Volusia 90% Slope Wetness Piping Low strength Extreme soil temperatures Mardin 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Chippewa 4% Wetness Piping Slope Low strength Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
68D	Volusia channery silt loam, 15 to 25 percent slopes	Very limited	Volusia 90% Slope Wetness Piping Low strength Extreme soil temperatures Mardin 7% Slope Wetness Piping Extreme soil temperatures Low precipitation Chippewa 3% Wetness Piping Slope Low strength Extreme soil temperatures
69A	Erie channery silt loam, 0 to 3 percent slopes	Very limited	Erie 80% Wetness Piping Low strength Extreme soil temperatures Low precipitation Chippewa 10% Wetness Piping Low strength Extreme soil temperatures Low precipitation Fremont 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation Langford 5% Wetness Slope Piping Low strength Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
69B	Erie channery silt loam, 3 to 8 percent slopes	Very limited	Erie 80% Wetness Slope Piping Low strength Extreme soil temperatures Langford 10% Slope Wetness Piping Low strength Extreme soil temperatures Chippewa 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Fremont 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
69C	Erie channery silt loam, 8 to 15 percent slopes	Very limited	Erie 80% Slope Wetness Piping Low strength Extreme soil temperatures Langford 10% Slope Wetness Piping Extreme soil temperatures Low strength Fremont 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Chippewa 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
71A	Darien silt loam, 0 to 3 percent slopes	Very limited	Darien 95% Wetness Low strength Extreme soil temperatures Low precipitation Ilion 4% Wetness Low strength Extreme soil temperatures Low precipitation Angola 1% Wetness Low strength Extreme soil temperatures Low precipitation
71B	Darien silt loam, 3 to 8 percent slopes	Very limited	Darien 95% Wetness Low strength Slope Extreme soil temperatures Low precipitation Ilion 4% Wetness Low strength Slope Extreme soil temperatures Low precipitation Angola 1% Wetness Low strength Slope Extreme soil temperatures Low precipitation
71C	Darien silt loam, 8 to 15 percent slopes	Very limited	Darien 95% Slope Wetness Low strength Extreme soil temperatures Low precipitation Ilion 4% Wetness Low strength Slope Extreme soil temperatures Low precipitation Angola 1% Slope Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
72A	Darien-Ilion silt loams, 0 to 3 percent slopes	Very limited	Darien 68% Wetness Low strength Extreme soil temperatures Low precipitation Ilion 27% Wetness Low strength Extreme soil temperatures Low precipitation Angola 5% Wetness Low strength Extreme soil temperatures Low precipitation
72B	Darien-Ilion silt loams, 3 to 8 percent slopes	Very limited	Darien 68% Wetness Low strength Slope Extreme soil temperatures Low precipitation Ilion 27% Wetness Low strength Slope Extreme soil temperatures Low precipitation Angola 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
73B	Gretor silt loam, 3 to 8 percent slopes	Very limited	Gretor 95% Wetness Low strength Slope Extreme soil temperatures Low precipitation Gretor, poorly drained 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
73C	Gretor silt loam, 8 to 15 percent slopes	Very limited	Gretor 95% Slope Wetness Low strength Extreme soil temperatures Low precipitation Gretor, poorly drained 5% Wetness Slope Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
73D	Gretor channery silt loam, 15 to 25 percent slopes	Very limited	Gretor 90% Slope Wetness Low strength Extreme soil temperatures Low precipitation Mongaup, very stony 8% Slope Piping Extreme soil temperatures Low precipitation Gretor, poorly drained 2% Wetness Slope Low strength Extreme soil temperatures Low precipitation
76B	Orpark silt loam, 3 to 8 percent slopes	Very limited	Orpark 95% Wetness Low strength Slope Extreme soil temperatures Low precipitation Orpark, poorly drained 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
76C	Orpark silt loam, 8 to 15 percent slopes	Very limited	Orpark 95% Slope Wetness Low strength Extreme soil temperatures Low precipitation Orpark, poorly drained 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
76D	Orpark channery silt loam, 15 to 25 percent slopes	Very limited	Orpark 90% Slope Wetness Low strength Extreme soil temperatures Low precipitation Orpark, poorly drained 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation Lordstown, very stony 5% Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
77A	Chippewa silt loam, 0 to 3 percent slopes	Very limited	Chippewa 85% Wetness Piping Low strength Extreme soil temperatures Low precipitation Chippewa, very poorly drained 10% Wetness Ponding Low strength Piping Extreme soil temperatures Volusia 5% Wetness Piping Slope Low strength Extreme soil temperatures
77B	Chippewa silt loam, 3 to 8 percent slopes	Very limited	Chippewa 85% Wetness Piping Slope Low strength Extreme soil temperatures Volusia 10% Slope Wetness Piping Low strength Extreme soil temperatures Chippewa, very poorly drained 5% Wetness Ponding Low strength Piping Extreme soil temperatures
82B	Manlius channery silt loam, 3 to 8 percent slopes	Somewhat limited	Manlius 95% Seepage Slope Extreme soil temperatures Low precipitation
82C	Manlius channery silt loam, 8 to 15 percent slopes	Very limited	Manlius 95% Slope Seepage Extreme soil temperatures Low precipitation Gretor 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
82D	Manlius channery silt loam, 15 to 25 percent slopes	Very limited	Manlius 95% Slope Seepage Extreme soil temperatures Low precipitation Arnot, very stony 4% Slope Extreme soil temperatures Low precipitation Gretor 1% Slope Wetness Low strength Extreme soil temperatures Low precipitation
91A	Palms muck, 0 to 3 percent slopes	Very limited	Palms, undrained 55% Low strength Wetness Ponding Seepage Extreme soil temperatures Palms, drained 40% Low strength Wetness Seepage Extreme soil temperatures Low precipitation Canandaigua 5% Wetness Ponding Low strength Extreme soil temperatures Low precipitation
92A	Carlisle muck, 0 to 3 percent slopes	Very limited	Carlisle, undrained 45% Low strength Wetness Ponding Seepage Extreme soil temperatures Carlisle, drained 40% Low strength Wetness Seepage Extreme soil temperatures Low precipitation Palms, undrained 10% Low strength Wetness Ponding Seepage Extreme soil temperatures Canandaigua 5% Wetness Ponding Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
93A	Edwards muck, 0 to 3 percent slopes	Very limited	Edwards, undrained 50% Low strength Wetness Ponding Seepage Extreme soil temperatures Edwards, drained 35% Low strength Wetness Seepage Extreme soil temperatures Low precipitation Martisco, undrained 10% Low strength Wetness Ponding Seepage Extreme soil temperatures Canandaigua 5% Wetness Ponding Low strength Extreme soil temperatures Low precipitation
94A	Martisco muck, 0 to 3 percent slopes	Very limited	Martisco, undrained 55% Low strength Wetness Ponding Seepage Extreme soil temperatures Martisco, drained 35% Low strength Wetness Seepage Extreme soil temperatures Low precipitation Canandaigua 5% Wetness Ponding Low strength Extreme soil temperatures Low precipitation Palms, drained 5% Low strength Wetness Seepage Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
95A	Saprists, 0 to 3 percent slopes, inundated	Very limited	Saprists, inundated 85% Low strength Wetness Ponding Seepage Extreme soil temperatures Palms, undrained 5% Low strength Wetness Ponding Seepage Extreme soil temperatures Fluvaquents, frequently flooded 5% Wetness Flooding Seepage Extreme soil temperatures Low precipitation Carlisle, undrained 5% Low strength Wetness Ponding Seepage Extreme soil temperatures
101A	Honeoye loam, 0 to 3 percent slopes	Somewhat limited	Honeoye 85% Extreme soil temperatures Low precipitation Lansing 4% Extreme soil temperatures Low precipitation Wassaic 2% Piping Extreme soil temperatures Low precipitation
101B	Honeoye loam, 3 to 8 percent slopes	Somewhat limited	Honeoye 85% Slope Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
101C	Honeoye loam, 8 to 15 percent slopes	Very limited	Honeoye 85% Slope Extreme soil temperatures Low precipitation Lima 5% Slope Wetness Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Kendaia 4% Slope Wetness Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation
101D	Honeoye loam, 15 to 25 percent slopes	Very limited	Honeoye 85% Slope Extreme soil temperatures Low precipitation Lima 5% Slope Wetness Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Kendaia 4% Slope Wetness Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
101E	Honeoye loam, 25 to 35 percent slopes	Very limited	Honeoye 85% Slope Extreme soil temperatures Low precipitation Lima 5% Slope Wetness Extreme soil temperatures Low precipitation Kendaia 4% Slope Wetness Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation
104A	Honeoye loam, 0 to 3 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Extreme soil temperatures Low precipitation Lansing 4% Extreme soil temperatures Low precipitation Wassaic 2% Piping Extreme soil temperatures Low precipitation
104B	Honeoye loam, 3 to 8 percent slopes, lower clay surface	Somewhat limited	Honeoye, lower clay surface 85% Slope Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
104C	Honeoye loam, 8 to 15 percent slopes, lower clay surface	Very limited	Honeoye, lower clay surface 85% Slope Extreme soil temperatures Low precipitation Lima 5% Slope Wetness Extreme soil temperatures Low precipitation Kendaia 4% Slope Wetness Extreme soil temperatures Low precipitation Lansing 4% Slope Extreme soil temperatures Low precipitation Wassaic 2% Slope Piping Extreme soil temperatures Low precipitation
106B	Danley-Lansing complex, 3 to 8 percent slopes	Very limited	Danley 50% Wetness Low strength Slope Extreme soil temperatures Low precipitation Conesus 2% Wetness Slope Extreme soil temperatures Low precipitation Kendaia 1% Wetness Slope Extreme soil temperatures Low precipitation Palatine 1% Low strength Slope Extreme soil temperatures Low precipitation Appleton 1% Wetness Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
107B	Conesus-Lansing complex, 3 to 8 percent slopes	Very limited	Conesus 50% Wetness Slope Extreme soil temperatures Low precipitation Kendaia 2% Wetness Slope Extreme soil temperatures Low precipitation Appleton 1% Wetness Slope Extreme soil temperatures Low precipitation Danley 1% Wetness Low strength Slope Extreme soil temperatures Low precipitation Palatine 1% Low strength Slope Extreme soil temperatures Low precipitation
108C	Lansing loam, 8 to 15 percent slopes	Very limited	Lansing 85% Slope Extreme soil temperatures Low precipitation Conesus 8% Slope Wetness Extreme soil temperatures Low precipitation Kendaia 3% Wetness Slope Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation Danley 1% Slope Wetness Low strength Extreme soil temperatures Low precipitation Wassaic 1% Slope Piping Low precipitation Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
108D	Lansing loam, 15 to 25 percent slopes	Very limited	Lansing 85% Slope Extreme soil temperatures Low precipitation Conesus 9% Slope Wetness Extreme soil temperatures Low precipitation Wassaic 3% Slope Piping Low precipitation Extreme soil temperatures Kendaia 2% Wetness Slope Extreme soil temperatures Low precipitation Appleton 1% Wetness Slope Extreme soil temperatures Low precipitation
108E	Lansing loam, 25 to 35 percent slopes	Very limited	Lansing 85% Slope Extreme soil temperatures Low precipitation Cazenovia 10% Slope Wetness Low strength Piping Extreme soil temperatures Aurora 5% Slope Wetness Piping Low strength Extreme soil temperatures
112B	Ontario fine sandy loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
112C	Ontario fine sandy loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 5% Slope Wetness Extreme soil temperatures Low precipitation Cazenovia 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation
112D	Ontario fine sandy loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
112E	Ontario fine sandy loam, 25 to 35 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation
114B	Ontario gravelly loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation
114C	Ontario gravelly loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Hilton 5% Slope Wetness Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Cazenovia 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
114D	Ontario gravelly loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 5% Slope Wetness Extreme soil temperatures Low precipitation Cazenovia 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation
116B	Ontario loam, 3 to 8 percent slopes	Somewhat limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation
116C	Ontario loam, 8 to 15 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 5% Slope Wetness Extreme soil temperatures Low precipitation Cazenovia 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
116D	Ontario loam, 15 to 25 percent slopes	Very limited	Ontario 85% Slope Extreme soil temperatures Low precipitation Cazenovia 5% Slope Wetness Extreme soil temperatures Low precipitation Honeoye 5% Slope Extreme soil temperatures Low precipitation Hilton 3% Slope Wetness Extreme soil temperatures Low precipitation Appleton 2% Slope Wetness Extreme soil temperatures Low precipitation
118F	Ontario, Honeoye, and Lansing soils, 35 to 55 percent slopes	Very limited	Ontario 40% Slope Extreme soil temperatures Low precipitation Honeoye 35% Slope Extreme soil temperatures Low precipitation Lansing 20% Slope Extreme soil temperatures Low precipitation Aurora 5% Slope Wetness Piping Low strength Extreme soil temperatures
120E	Palmyra and Howard soils, 25 to 45 percent slopes	Very limited	Palmyra 55% Seepage Slope Extreme soil temperatures Low precipitation Howard 40% Seepage Slope Extreme soil temperatures Low precipitation Colonie 5% Slope Seepage Piping Extreme soil temperatures Low precipitation
122A	Palmyra cobbly loam, 0 to 3 percent slopes	Very limited	Palmyra 95% Seepage Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
122B	Palmyra cobbly loam, 3 to 8 percent slopes	Very limited	Palmyra 95% Seepage Slope Extreme soil temperatures Low precipitation
124A	Palmyra fine sandy loam, 0 to 3 percent slopes	Very limited	Palmyra 90% Seepage Extreme soil temperatures Low precipitation Howard 10% Seepage Extreme soil temperatures Low precipitation
124B	Palmyra fine sandy loam, 3 to 8 percent slopes	Very limited	Palmyra 90% Seepage Slope Extreme soil temperatures Low precipitation Howard 10% Seepage Slope Extreme soil temperatures Low precipitation
126A	Palmyra gravelly loam, 0 to 3 percent slopes	Very limited	Palmyra 95% Seepage Extreme soil temperatures Low precipitation Arkport 5% Seepage Extreme soil temperatures Low precipitation
126B	Palmyra gravelly loam, 3 to 8 percent slopes	Very limited	Palmyra 95% Seepage Slope Extreme soil temperatures Low precipitation Arkport 5% Seepage Slope Extreme soil temperatures Low precipitation
126C	Palmyra gravelly loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Seepage Slope Extreme soil temperatures Low precipitation Arkport 10% Slope Seepage Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
126D	Palmyra gravelly loam, 15 to 25 percent slopes	Very limited	Palmyra 90% Seepage Slope Extreme soil temperatures Low precipitation Arkport 10% Slope Seepage Extreme soil temperatures Low precipitation
128A	Palmyra gravelly sandy loam, 0 to 3 percent slopes	Very limited	Palmyra 90% Seepage Extreme soil temperatures Low precipitation Arkport 10% Seepage Extreme soil temperatures Low precipitation
128B	Palmyra gravelly sandy loam, 3 to 8 percent slopes	Very limited	Palmyra 90% Seepage Slope Extreme soil temperatures Low precipitation Arkport 10% Seepage Slope Extreme soil temperatures Low precipitation
128C	Palmyra gravelly sandy loam, 8 to 15 percent slopes	Very limited	Palmyra 90% Seepage Slope Extreme soil temperatures Low precipitation Arkport 10% Slope Seepage Extreme soil temperatures Low precipitation
130A	Farmington loam, 0 to 3 percent slopes	Somewhat limited	Farmington 90% Piping Extreme soil temperatures Low precipitation Galoo 5% Extreme soil temperatures Low precipitation
130B	Farmington loam, 3 to 8 percent slopes	Somewhat limited	Farmington 90% Piping Slope Extreme soil temperatures Low precipitation Galoo 5% Slope Extreme soil temperatures Low precipitation
132A	Galoo loam, 0 to 3 percent slopes, rocky	Somewhat limited	Galoo 95% Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
132B	Galoo loam, 3 to 8 percent slopes, rocky	Somewhat limited	Galoo 95% Slope Extreme soil temperatures Low precipitation
134A	Camillus silt loam, 0 to 3 percent slopes	Very limited	Camillus 95% Seepage Piping Low strength Extreme soil temperatures Low precipitation Angola 5% Wetness Low strength Extreme soil temperatures Low precipitation
134B	Camillus silt loam, 3 to 8 percent slopes	Very limited	Camillus 95% Seepage Piping Slope Low strength Extreme soil temperatures Angola 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
151C	Willdin-Norchip complex, 3 to 15 percent slopes	Very limited	Willdin 60% Wetness Slope Piping Extreme soil temperatures Low precipitation Norchip 38% Wetness Piping Low strength Extreme soil temperatures Low precipitation Palms, undrained 2% Low strength Wetness Ponding Seepage Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
152B	Valois gravelly loam, 3 to 8 percent slopes	Very limited	Valois 85% Seepage Slope Extreme soil temperatures Low precipitation Volusia 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Mardin 5% Wetness Slope Piping Extreme soil temperatures Low precipitation
152C	Valois gravelly loam, 8 to 15 percent slopes	Very limited	Valois 85% Slope Seepage Extreme soil temperatures Low precipitation Mardin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Cadosia 5% Slope Extreme soil temperatures Low precipitation Volusia 5% Wetness Piping Slope Low strength Extreme soil temperatures
152D	Valois gravelly loam, 15 to 25 percent slopes	Very limited	Valois 85% Slope Seepage Extreme soil temperatures Low precipitation Cadosia 6% Slope Extreme soil temperatures Low precipitation Mardin 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Volusia 3% Slope Wetness Piping Low strength Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
152E	Valois gravelly loam, 25 to 35 percent slopes	Very limited	Valois 85% Slope Seepage Extreme soil temperatures Low precipitation Cadosia 6% Slope Extreme soil temperatures Low precipitation Mardin 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Towerville, extremely stony 3% Slope Wetness Extreme soil temperatures Too Stony Low precipitation
153B	Valois gravelly loam, cool, 3 to 8 percent slopes	Very limited	Valois, cool 85% Seepage Slope Extreme soil temperatures Low precipitation Ontusia 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Willdin 5% Wetness Slope Piping Extreme soil temperatures Low precipitation
153C	Valois gravelly loam, cool, 8 to 15 percent slopes	Very limited	Valois, cool 85% Slope Seepage Extreme soil temperatures Low precipitation Ontusia 5% Wetness Slope Piping Low strength Extreme soil temperatures Rockrift 5% Slope Extreme soil temperatures Low precipitation Willdin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
153D	Valois gravelly loam, cool, 15 to 25 percent slopes	Very limited	Valois, cool 85% Slope Seepage Extreme soil temperatures Low precipitation Rockrift 6% Slope Extreme soil temperatures Low precipitation Willdin 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Ontusia 3% Slope Wetness Piping Low strength Extreme soil temperatures
153E	Valois gravelly loam, cool, 25 to 35 percent slopes	Very limited	Valois, cool 85% Slope Seepage Extreme soil temperatures Low precipitation Rockrift 6% Slope Extreme soil temperatures Low precipitation Willdin 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Ischua 3% Slope Wetness Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
162B	Willdin channery silt loam, 3 to 8 percent slopes	Very limited	Willdin 85% Wetness Slope Piping Extreme soil temperatures Low precipitation Lewbath 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Middlebrook 5% Wetness Slope Extreme soil temperatures Low precipitation Ontusia 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation
162C	Willdin channery silt loam, 8 to 15 percent slopes	Very limited	Willdin 85% Slope Wetness Piping Extreme soil temperatures Low precipitation Ontusia 6% Wetness Slope Piping Low strength Extreme soil temperatures Lewbath 6% Slope Wetness Piping Extreme soil temperatures Low precipitation Middlebrook 3% Slope Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
162D	Willdin channery silt loam, 15 to 25 percent slopes	Very limited	Willdin 80% Slope Wetness Piping Extreme soil temperatures Low precipitation Lewbath 10% Slope Wetness Piping Extreme soil temperatures Low precipitation Mongaup 5% Slope Seepage Piping Extreme soil temperatures Low precipitation Ontusia 5% Slope Wetness Piping Low strength Extreme soil temperatures
168A	Ontusia channery silt loam, 0 to 3 percent slopes	Very limited	Ontusia 88% Wetness Piping Low strength Extreme soil temperatures Low precipitation Willdin 5% Wetness Slope Piping Extreme soil temperatures Low precipitation Norchip 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Greter 2% Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
168B	Ontusia channery silt loam, 3 to 8 percent slopes	Very limited	Ontusia 90% Wetness Slope Piping Low strength Extreme soil temperatures Norchip 5% Wetness Piping Low strength Extreme soil temperatures Low precipitation Willdin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation
168C	Ontusia channery silt loam, 8 to 15 percent slopes	Very limited	Ontusia 90% Slope Wetness Piping Low strength Extreme soil temperatures Norchip 5% Wetness Slope Piping Low strength Extreme soil temperatures Willdin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation
168D	Ontusia channery silt loam, 15 to 25 percent slopes	Very limited	Ontusia 90% Slope Wetness Piping Low strength Extreme soil temperatures Willdin 7% Slope Wetness Piping Extreme soil temperatures Low precipitation Norchip 3% Wetness Slope Piping Low strength Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
171C	Lordstown-Manlius-Towerville complex, 8 to 15 percent slopes, very stony	Very limited	Lordstown, very stony 40% Slope Extreme soil temperatures Low precipitation Towerville, very stony 20% Slope Wetness Extreme soil temperatures Low precipitation Manlius, very stony 20% Slope Seepage Extreme soil temperatures Low precipitation Cadosia, very stony 10% Slope Extreme soil temperatures Low precipitation Mardin, very stony 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Arnot, very stony 5% Slope Extreme soil temperatures Low precipitation
171D	Lordstown-Manlius-Towerville complex, 15 to 25 percent slopes, very stony	Very limited	Lordstown, very stony 40% Slope Extreme soil temperatures Low precipitation Manlius, very stony 20% Slope Seepage Extreme soil temperatures Low precipitation Towerville, very stony 20% Slope Wetness Extreme soil temperatures Low precipitation Cadosia, very stony 10% Slope Extreme soil temperatures Low precipitation Arnot, very stony 5% Slope Extreme soil temperatures Low precipitation Mardin 5% Slope Wetness Piping Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
171E	Lordstown-Manlius-Towerville complex, 25 to 35 percent slopes, extremely stony	Very limited	<p>Lordstown, extremely stony 40%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Too Stony Low precipitation <p>Towerville, extremely stony 20%</p> <ul style="list-style-type: none"> Slope Wetness Extreme soil temperatures Too Stony Low precipitation <p>Manlius, extremely stony 20%</p> <ul style="list-style-type: none"> Slope Seepage Extreme soil temperatures Too Stony Low precipitation <p>Cadosia, extremely stony 10%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Too Stony Low precipitation <p>Arnot, very stony 5%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Low precipitation <p>Mardin, extremely stony 5%</p> <ul style="list-style-type: none"> Slope Wetness Piping Extreme soil temperatures Too Stony
171F	Lordstown-Manlius-Towerville complex, 35 to 80 percent slopes, extremely stony	Very limited	<p>Lordstown, extremely stony 40%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Too Stony Low precipitation <p>Towerville, extremely stony 20%</p> <ul style="list-style-type: none"> Slope Wetness Extreme soil temperatures Too Stony Low precipitation <p>Manlius, extremely stony 20%</p> <ul style="list-style-type: none"> Slope Seepage Extreme soil temperatures Too Stony Low precipitation <p>Arnot, extremely stony 10%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Too Stony Low precipitation <p>Cadosia, extremely stony 10%</p> <ul style="list-style-type: none"> Slope Extreme soil temperatures Too Stony Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
177A	Norchip silt loam, 0 to 3 percent slopes	Very limited	Norchip 85% Wetness Piping Low strength Extreme soil temperatures Low precipitation Norchip, very poorly drained 10% Wetness Ponding Low strength Piping Extreme soil temperatures Ontusia 5% Wetness Slope Piping Low strength Extreme soil temperatures
177B	Norchip silt loam, 3 to 8 percent slopes	Very limited	Norchip 85% Wetness Slope Piping Low strength Extreme soil temperatures Norchip, very poorly drained 10% Wetness Ponding Low strength Piping Extreme soil temperatures Ontusia 5% Slope Wetness Piping Low strength Extreme soil temperatures
181B	Mongaup-Ischua complex, 3 to 8 percent slopes	Somewhat limited	Mongaup 45% Slope Piping Extreme soil temperatures Low precipitation Rockrift 10% Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
181C	Mongaup-Ischua complex, 8 to 15 percent slopes	Very limited	Mongaup 45% Slope Piping Extreme soil temperatures Low precipitation Ischua 40% Slope Wetness Piping Extreme soil temperatures Low precipitation Rockrift 10% Slope Extreme soil temperatures Low precipitation Willdin 3% Slope Wetness Piping Extreme soil temperatures Low precipitation Greter 2% Slope Wetness Low strength Extreme soil temperatures Low precipitation
181D	Mongaup-Ischua complex, 15 to 25 percent slopes, very stony	Very limited	Mongaup, very stony 45% Slope Piping Extreme soil temperatures Low precipitation Ischua, very stony 40% Slope Wetness Piping Extreme soil temperatures Low precipitation Rockrift 10% Slope Extreme soil temperatures Low precipitation Willdin 3% Slope Wetness Piping Extreme soil temperatures Low precipitation Greter 2% Slope Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
181E	Mongaup-Ischua complex, 25 to 35 percent slopes, extremely stony	Very limited	Mongaup, extremely stony 45% Slope Piping Too Stony Extreme soil temperatures Low precipitation Ischua, extremely stony 40% Slope Wetness Piping Too Stony Extreme soil temperatures Rockrift 10% Slope Extreme soil temperatures Low precipitation Willdin 3% Slope Wetness Piping Extreme soil temperatures Low precipitation Gretor 2% Slope Wetness Low strength Extreme soil temperatures Low precipitation
182B	Mongaup channery loam, 3 to 8 percent slopes	Somewhat limited	Mongaup 75% Slope Extreme soil temperatures Low precipitation Rockrift 10% Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
182C	Mongaup channery loam, 8 to 15 percent slopes	Very limited	Mongaup 75% Slope Extreme soil temperatures Low precipitation Rockrft 10% Slope Extreme soil temperatures Low precipitation Willdin 8% Slope Wetness Piping Extreme soil temperatures Low precipitation Ischua 5% Slope Wetness Piping Extreme soil temperatures Low precipitation Gretor 2% Slope Wetness Low strength Extreme soil temperatures Low precipitation
201A	Lima loam, 0 to 3 percent slopes	Very limited	Lima 85% Wetness Extreme soil temperatures Low precipitation Kendaia 3% Wetness Extreme soil temperatures Low precipitation Appleton 3% Wetness Extreme soil temperatures Low precipitation Cazenovia 2% Wetness Low strength Piping Extreme soil temperatures Low precipitation Lyons 2% Wetness Extreme soil temperatures Low precipitation Low strength

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
201B	Lima loam, 3 to 8 percent slopes	Very limited	Lima 85% Wetness Slope Extreme soil temperatures Low precipitation Kendaia 3% Wetness Slope Extreme soil temperatures Low precipitation Appleton 3% Wetness Slope Extreme soil temperatures Low precipitation Cazenovia 2% Wetness Low strength Piping Slope Extreme soil temperatures Lyons 1% Wetness Slope Extreme soil temperatures Low precipitation Low strength
201C	Lima loam, 8 to 15 percent slopes	Very limited	Lima 85% Slope Wetness Extreme soil temperatures Low precipitation Honeoye 7% Slope Extreme soil temperatures Low precipitation Appleton 3% Slope Wetness Extreme soil temperatures Low precipitation Kendaia 3% Slope Wetness Extreme soil temperatures Low precipitation Cazenovia 2% Slope Wetness Low strength Piping Extreme soil temperatures

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
204A	Lima loam, 0 to 3 percent slopes, lower clay surface	Very limited	Lima 85% Wetness Extreme soil temperatures Low precipitation Appleton 3% Wetness Extreme soil temperatures Low precipitation Kendaia 3% Wetness Extreme soil temperatures Low precipitation Lyons 2% Wetness Extreme soil temperatures Low precipitation Low strength Cazenovia 2% Wetness Low strength Piping Extreme soil temperatures Low precipitation
204B	Lima loam, 3 to 8 percent slopes, lower clay surface	Very limited	Lima 85% Wetness Slope Extreme soil temperatures Low precipitation Appleton 3% Wetness Slope Extreme soil temperatures Low precipitation Kendaia 3% Wetness Slope Extreme soil temperatures Low precipitation Cazenovia 2% Wetness Low strength Piping Slope Extreme soil temperatures Lyons 1% Wetness Slope Extreme soil temperatures Low precipitation Low strength

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
210A	Phelps gravelly silt loam, 0 to 3 percent slopes	Very limited	Phelps 85% Wetness Seepage Low strength Extreme soil temperatures Low precipitation Galen 10% Wetness Piping Seepage Extreme soil temperatures Low precipitation Homer 5% Seepage Wetness Extreme soil temperatures Low precipitation
210B	Phelps gravelly silt loam, 3 to 8 percent slopes	Very limited	Phelps 85% Wetness Seepage Slope Low strength Extreme soil temperatures Galen 10% Wetness Piping Seepage Slope Extreme soil temperatures Homer 5% Seepage Wetness Slope Extreme soil temperatures Low precipitation
212A	Nuhi silt loam, 0 to 3 percent slopes	Very limited	Nuhi 85% Wetness Low strength Extreme soil temperatures Low precipitation Nuhi, poorly drained 5% Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
240B	Aurora-Angola silt loams, 3 to 8 percent slopes	Very limited	Aurora 60% Wetness Piping Slope Low strength Extreme soil temperatures Angola 30% Wetness Low strength Slope Extreme soil temperatures Low precipitation Danley 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation Darien 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
240C	Aurora-Angola silt loams, 8 to 15 percent slopes	Very limited	Aurora 60% Slope Wetness Piping Low strength Extreme soil temperatures Angola 30% Slope Wetness Low strength Extreme soil temperatures Low precipitation Darien 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Danley 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
240D	Aurora-Angola silt loams, 15 to 25 percent slopes	Very limited	Aurora 60% Slope Wetness Piping Low strength Extreme soil temperatures Angola 30% Slope Wetness Low strength Extreme soil temperatures Low precipitation Darlen 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation Danley 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
241B	Aurora silt loam, 3 to 8 percent slopes	Very limited	Aurora 85% Wetness Piping Slope Low strength Extreme soil temperatures Angola 10% Wetness Low strength Slope Extreme soil temperatures Low precipitation Danley 5% Wetness Low strength Slope Extreme soil temperatures Low precipitation
241C	Aurora silt loam, 8 to 15 percent slopes	Very limited	Aurora 85% Slope Wetness Piping Low strength Extreme soil temperatures Angola 8% Slope Wetness Low strength Extreme soil temperatures Low precipitation Danley 7% Slope Wetness Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
241D	Aurora silt loam, 15 to 25 percent slopes	Very limited	Aurora 85% Slope Wetness Piping Low strength Extreme soil temperatures Danley 10% Slope Wetness Low strength Extreme soil temperatures Low precipitation Angola 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
255B	Cazenovia silt loam, 3 to 8 percent slopes	Very limited	Cazenovia 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Ovid 10% Wetness Low strength Slope Extreme soil temperatures Low precipitation Cayuga 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation
255C	Cazenovia silt loam, 8 to 15 percent slopes	Very limited	Cazenovia 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Cayuga 8% Low strength Slope Wetness Extreme soil temperatures Low precipitation Ovid 7% Wetness Slope Low strength Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
255D	Cazenovia silt loam, 15 to 25 percent slopes	Very limited	Cazenovia 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Cayuga 10% Low strength Slope Wetness Extreme soil temperatures Low precipitation Ovid 5% Slope Wetness Low strength Extreme soil temperatures Low precipitation
260B	Cayuga silt loam, 3 to 8 percent slopes	Very limited	Cayuga 85% Low strength Wetness Slope Extreme soil temperatures Low precipitation Schoharie 10% Low strength Wetness Slope Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation
260C	Cayuga silt loam, 8 to 15 percent slopes	Very limited	Cayuga 85% Low strength Slope Wetness Extreme soil temperatures Low precipitation Schoharie 10% Low strength Slope Wetness Extreme soil temperatures Low precipitation Odessa 5% Low strength Wetness Slope Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
260D	Cayuga silt loam, 15 to 25 percent slopes	Very limited	Cayuga 85% Low strength Slope Wetness Extreme soil temperatures Low precipitation Lansing 10% Slope Extreme soil temperatures Low precipitation Schoharie 5% Low strength Slope Wetness Extreme soil temperatures Low precipitation
304A	Kendaia loam, 0 to 3 percent slopes	Very limited	Kendaia 85% Wetness Extreme soil temperatures Low precipitation Lima 6% Wetness Extreme soil temperatures Low precipitation Lyons 5% Wetness Extreme soil temperatures Low precipitation Low strength Ovid 2% Wetness Low strength Extreme soil temperatures Low precipitation Churchville 2% Low strength Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
304B	Kendaia loam, 3 to 8 percent slopes	Very limited	Kendaia 85% Wetness Slope Extreme soil temperatures Low precipitation Lima 7% Wetness Slope Extreme soil temperatures Low precipitation Lyons 4% Wetness Slope Extreme soil temperatures Low precipitation Low strength Churchville 2% Low strength Wetness Slope Extreme soil temperatures Low precipitation Ovid 2% Wetness Low strength Slope Extreme soil temperatures Low precipitation
342A	Angola silt loam, 0 to 3 percent slopes	Very limited	Angola 90% Wetness Low strength Extreme soil temperatures Low precipitation Darien 5% Wetness Low strength Extreme soil temperatures Low precipitation Ilion 5% Wetness Low strength Extreme soil temperatures Low precipitation
356A	Ovid silt loam, 0 to 3 percent slopes	Very limited	Ovid 85% Wetness Low strength Extreme soil temperatures Low precipitation Odessa 10% Low strength Wetness Extreme soil temperatures Low precipitation Lakemont 5% Low strength Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
356B	Ovid silt loam, 3 to 8 percent slopes	Very limited	Ovid 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Odessa 10% Low strength Wetness Slope Extreme soil temperatures Low precipitation Lakemont 5% Low strength Wetness Extreme soil temperatures Low precipitation
357B	Ovid silty clay loam, 3 to 8 percent slopes	Very limited	Ovid 85% Wetness Low strength Slope Extreme soil temperatures Low precipitation Odessa 10% Low strength Wetness Slope Extreme soil temperatures Low precipitation Lakemont 5% Low strength Wetness Extreme soil temperatures Low precipitation
357C	Ovid silty clay loam, 8 to 15 percent slopes	Very limited	Ovid 85% Slope Wetness Low strength Extreme soil temperatures Low precipitation Odessa 10% Low strength Wetness Slope Extreme soil temperatures Low precipitation Lakemont 5% Low strength Wetness Extreme soil temperatures Low precipitation

Composting Facility - Surface

Aggregation Method: Dominant Condition
Tie-break Rule: Higher

Ontario County, New York
Survey Area Version and Date: 23 - 09/05/2023

Map symbol	Map unit name	Rating	Component name and % composition Rating reasons
400A	Udorthents, loamy, 0 to 3 percent slopes	Very limited	Udorthents, loamy 80% Seepage Extreme soil temperatures Low precipitation Howard 5% Seepage Extreme soil temperatures Low precipitation Palmyra 5% Seepage Extreme soil temperatures Low precipitation Lima 5% Wetness Extreme soil temperatures Low precipitation
401D	Udorthents, refuse substratum. 0 to 25 percent slopes	Not rated	Udorthents, refuse substratum 90%
PG	Pits, gravel and sand	Not rated	Pits, gravel and sand 75%
PQ	Pits, quarry	Not rated	Pits, quarry 80%
W	Water	Not rated	Water 100%

Composting Facility - Surface

Rating Options

Attribute Name: Composting Facility - Surface

DHS - Department of Homeland Security

Composting is a method of using natural processes to change vegetative debris into a useful product. This interpretation evaluates the degree and kind of limitation(s) that affect the siting of a surface composting facility to stabilize vegetative debris produced as a result of a major disaster.

The soil is evaluated from the surface to a depth of 79 inches. The ratings are based on the soil properties that affect trafficability; attenuation of suspended, soil solution, and gaseous decomposition products and microorganisms; construction and maintenance of the site; and public health. Improper site selection, design, or installation may cause contamination of ground water, seepage, and contamination of stream systems from surface drainage or floodwater.

Properties that influence the risk of pollution, ease of excavation, trafficability, and revegetation are major considerations. Soils that flood or have a water table within the depth of excavation present a potential pollution hazard and are difficult to excavate. Soils that have high saturated hydraulic conductivity (Ksat), that are shallow to bedrock, ice, or a cemented pan, or that have a high content of stones and boulders are limited because these features interfere with the installation, performance, and maintenance of the system. Slope is an important consideration because it affects the work involved in road construction, the performance of the roads, and the control of surface water around the facility.

Climatic factors influence the ease with which a composting facility can be maintained. Adequate precipitation to keep the mass moist, and sufficient heat to sustain biological activity are essential.

The ratings are both verbal and numerical. Numerical ratings indicate the severity of the individual limitations. The ratings are shown in decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest limitation on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect these uses. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected of a properly designed and installed system on these soils. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value to represent the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. The components in the map unit name represent the major soils within a map unit delineation. Minor components make up the balance of the map unit. Great differences in soil properties can occur between map unit components and within short distances. Minor components may be very different from the major components. Such differences could significantly affect use and management of the map unit. Minor components may or may not be documented in the database. The results of aggregation do not reflect the presence or absence of limitations of the components which are not listed in the database. An on-site investigation is required to identify the location of individual map unit components.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be generated. Aggregation must be done because, on any soil map, map units are delineated but components are not.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now

Composting Facility - Surface

represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.