

**LEGEND**

- PARCEL BOUNDARY
- EXISTING ROAD CENTERLINE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- SOIL BOUNDARY
- DRAINAGE AREA BOUNDARY
- STATE BOUNDARY

# SOUTH RIPLEY SOLAR PROJECT PRE-CONDITION SOILS MAP


CHAUTAUQUA COUNTY, NEW YORK

1,000 0 1,000 2,000 FEET

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W —+— E  
S

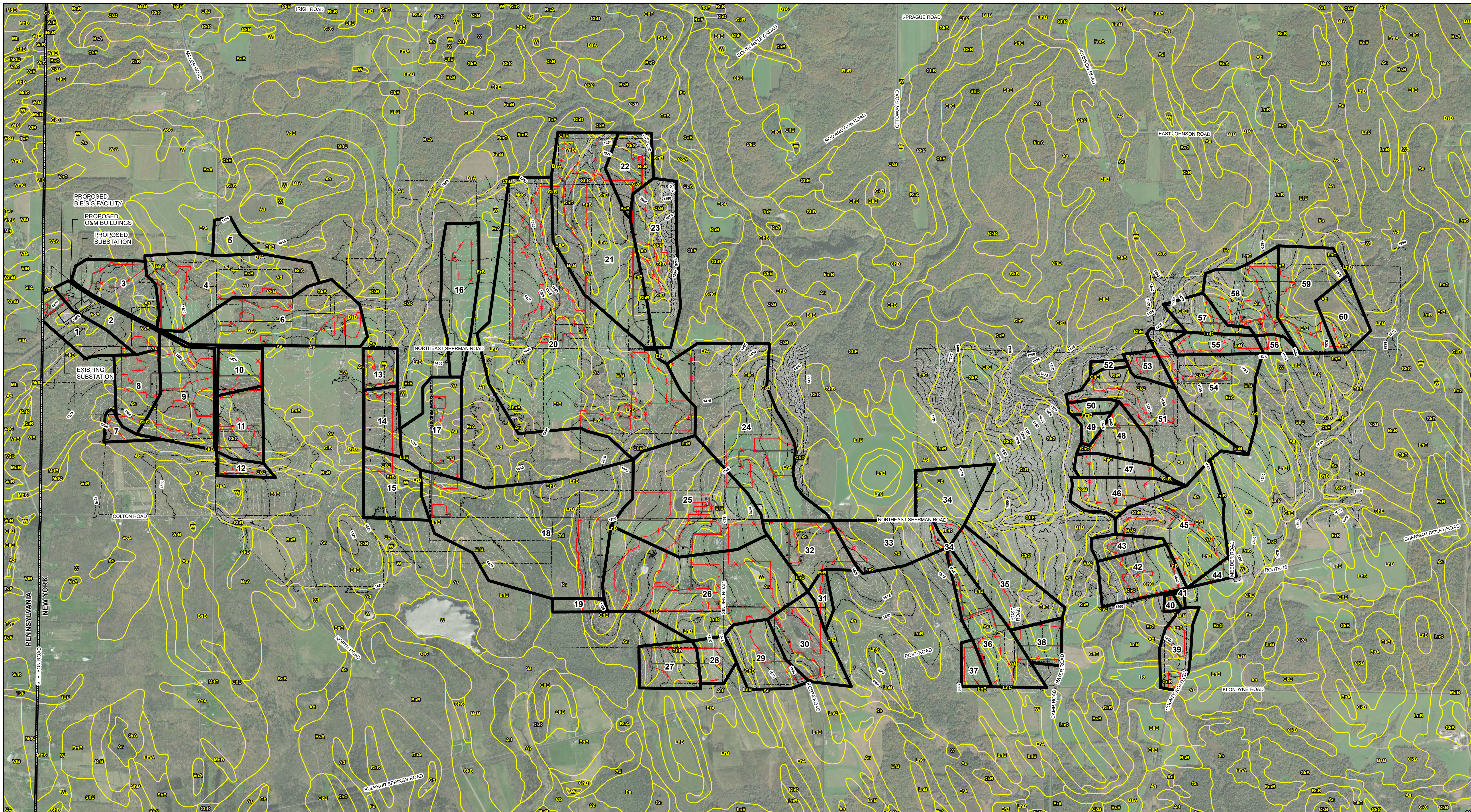
ABSOLUTE SCALE:  
1:12,000

REFERENCE SCALE:  
1 IN = 1,000 FT



**M**  
MOTT  
MACDONALD

<b>DRAWN BY:</b>	MM 05/2021
<b>CHECKED BY:</b>	MM 05/2021
<b>APPROVED BY:</b>	MM 05/2021
<b>REV. DATE:</b>	05/2021
<b>REVISION:</b>	0
<b>DESC:</b>	ISSUED FOR REVIEW
<b>DWG. NO.:</b>	SHEET 1 OF 1



**LEGEND**

	PROPOSED FENCE		DRAINAGE AREA BOUNDARY
	PROPOSED ACCESS ROAD		STATE BOUNDARY
	PARCEL BOUNDARY		
	EXISTING ROAD CENTERLINE		
	EXISTING MINOR CONTOUR		
	EXISTING MAJOR CONTOUR		
	SOIL BOUNDARY		

**SOUTH RIPLEY SOLAR PROJECT**  
**POST-CONDITION SOILS MAP**  
 CHAUTAUQUA COUNTY, NEW YORK

1,000 0 1,000 2,000 FEET

ABSOLUTE SCALE:  
 1:12,000

REFERENCE SCALE:  
 1 IN = 1,000 FT

**M**  
 MOTT  
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 MACDONALD

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<b>DWG. NO.:</b>	SHEET 1 OF 1



**NOAA Atlas 14, Volume 10, Version 3**  
**Location name: Town of Ripley, New York, USA\***  
**Latitude: 42.1908°, Longitude: -79.6955°**  
**Elevation: 1455.03 ft\*\***  
 \* source: ESRI Maps  
 \*\* source: USGS



**POINT PRECIPITATION FREQUENCY ESTIMATES**

Sanja Perica, Sandra Pavlovic, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Orlan Wilhite

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriels](#)

**PF tabular**

<b>PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)<sup>1</sup></b>										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
<b>5-min</b>	<b>0.330</b> (0.263-0.411)	<b>0.389</b> (0.310-0.485)	<b>0.486</b> (0.386-0.608)	<b>0.566</b> (0.447-0.713)	<b>0.677</b> (0.516-0.893)	<b>0.760</b> (0.566-1.03)	<b>0.848</b> (0.612-1.19)	<b>0.950</b> (0.643-1.36)	<b>1.10</b> (0.714-1.64)	<b>1.22</b> (0.775-1.86)
<b>10-min</b>	<b>0.467</b> (0.373-0.582)	<b>0.551</b> (0.439-0.687)	<b>0.688</b> (0.545-0.860)	<b>0.802</b> (0.632-1.01)	<b>0.959</b> (0.730-1.26)	<b>1.08</b> (0.801-1.45)	<b>1.20</b> (0.866-1.69)	<b>1.35</b> (0.912-1.93)	<b>1.56</b> (1.01-2.32)	<b>1.73</b> (1.10-2.64)
<b>15-min</b>	<b>0.550</b> (0.438-0.685)	<b>0.649</b> (0.517-0.809)	<b>0.811</b> (0.644-1.01)	<b>0.945</b> (0.745-1.19)	<b>1.13</b> (0.859-1.49)	<b>1.27</b> (0.943-1.71)	<b>1.41</b> (1.02-1.99)	<b>1.58</b> (1.07-2.27)	<b>1.83</b> (1.19-2.73)	<b>2.04</b> (1.29-3.10)
<b>30-min</b>	<b>0.742</b> (0.592-0.924)	<b>0.875</b> (0.696-1.09)	<b>1.09</b> (0.865-1.37)	<b>1.27</b> (1.00-1.60)	<b>1.52</b> (1.16-2.00)	<b>1.70</b> (1.27-2.30)	<b>1.90</b> (1.37-2.67)	<b>2.12</b> (1.44-3.05)	<b>2.45</b> (1.60-3.66)	<b>2.73</b> (1.73-4.15)
<b>60-min</b>	<b>0.935</b> (0.746-1.16)	<b>1.10</b> (0.876-1.37)	<b>1.37</b> (1.09-1.72)	<b>1.60</b> (1.26-2.01)	<b>1.91</b> (1.45-2.51)	<b>2.14</b> (1.59-2.88)	<b>2.38</b> (1.72-3.34)	<b>2.66</b> (1.81-3.82)	<b>3.08</b> (2.00-4.58)	<b>3.42</b> (2.16-5.20)
<b>2-hr</b>	<b>1.10</b> (0.881-1.36)	<b>1.33</b> (1.06-1.64)	<b>1.70</b> (1.36-2.11)	<b>2.01</b> (1.59-2.51)	<b>2.43</b> (1.86-3.20)	<b>2.74</b> (2.06-3.70)	<b>3.08</b> (2.25-4.34)	<b>3.50</b> (2.38-4.99)	<b>4.12</b> (2.69-6.11)	<b>4.66</b> (2.96-7.04)
<b>3-hr</b>	<b>1.21</b> (0.977-1.49)	<b>1.48</b> (1.19-1.83)	<b>1.92</b> (1.54-2.37)	<b>2.28</b> (1.82-2.84)	<b>2.78</b> (2.14-3.65)	<b>3.15</b> (2.38-4.24)	<b>3.55</b> (2.60-5.00)	<b>4.05</b> (2.75-5.76)	<b>4.81</b> (3.14-7.10)	<b>5.48</b> (3.48-8.24)
<b>6-hr</b>	<b>1.47</b> (1.19-1.80)	<b>1.81</b> (1.47-2.22)	<b>2.36</b> (1.90-2.90)	<b>2.82</b> (2.26-3.49)	<b>3.45</b> (2.67-4.50)	<b>3.91</b> (2.97-5.24)	<b>4.42</b> (3.26-6.20)	<b>5.06</b> (3.46-7.15)	<b>6.05</b> (3.96-8.87)	<b>6.92</b> (4.41-10.3)
<b>12-hr</b>	<b>1.84</b> (1.50-2.23)	<b>2.24</b> (1.82-2.72)	<b>2.90</b> (2.35-3.54)	<b>3.44</b> (2.77-4.23)	<b>4.19</b> (3.26-5.43)	<b>4.74</b> (3.62-6.30)	<b>5.35</b> (3.96-7.44)	<b>6.10</b> (4.19-8.56)	<b>7.27</b> (4.78-10.6)	<b>8.29</b> (5.31-12.3)
<b>24-hr</b>	<b>2.25</b> (1.85-2.72)	<b>2.70</b> (2.22-3.27)	<b>3.44</b> (2.81-4.17)	<b>4.05</b> (3.29-4.95)	<b>4.90</b> (3.84-6.29)	<b>5.52</b> (4.23-7.27)	<b>6.20</b> (4.60-8.54)	<b>7.03</b> (4.85-9.80)	<b>8.31</b> (5.48-12.0)	<b>9.42</b> (6.04-13.9)
<b>2-day</b>	<b>2.69</b> (2.22-3.22)	<b>3.17</b> (2.62-3.81)	<b>3.97</b> (3.26-4.78)	<b>4.63</b> (3.78-5.61)	<b>5.53</b> (4.35-7.04)	<b>6.21</b> (4.77-8.09)	<b>6.93</b> (5.15-9.43)	<b>7.80</b> (5.40-10.8)	<b>9.10</b> (6.02-13.1)	<b>10.2</b> (6.57-15.0)
<b>3-day</b>	<b>3.03</b> (2.51-3.62)	<b>3.53</b> (2.93-4.22)	<b>4.35</b> (3.59-5.22)	<b>5.03</b> (4.12-6.07)	<b>5.97</b> (4.71-7.55)	<b>6.67</b> (5.13-8.64)	<b>7.41</b> (5.51-10.00)	<b>8.28</b> (5.76-11.4)	<b>9.56</b> (6.35-13.7)	<b>10.6</b> (6.86-15.5)
<b>4-day</b>	<b>3.33</b> (2.77-3.96)	<b>3.84</b> (3.19-4.58)	<b>4.68</b> (3.87-5.60)	<b>5.38</b> (4.42-6.48)	<b>6.34</b> (5.01-7.98)	<b>7.06</b> (5.44-9.09)	<b>7.82</b> (5.81-10.5)	<b>8.68</b> (6.05-11.9)	<b>9.94</b> (6.61-14.1)	<b>11.0</b> (7.09-16.0)
<b>7-day</b>	<b>4.12</b> (3.44-4.88)	<b>4.66</b> (3.89-5.53)	<b>5.55</b> (4.62-6.60)	<b>6.28</b> (5.19-7.52)	<b>7.30</b> (5.79-9.11)	<b>8.07</b> (6.23-10.3)	<b>8.86</b> (6.57-11.7)	<b>9.72</b> (6.80-13.3)	<b>10.9</b> (7.29-15.4)	<b>11.9</b> (7.68-17.2)
<b>10-day</b>	<b>4.84</b> (4.07-5.72)	<b>5.42</b> (4.54-6.40)	<b>6.35</b> (5.30-7.53)	<b>7.13</b> (5.91-8.50)	<b>8.19</b> (6.51-10.2)	<b>9.01</b> (6.97-11.4)	<b>9.84</b> (7.30-12.9)	<b>10.7</b> (7.52-14.5)	<b>11.9</b> (7.95-16.7)	<b>12.8</b> (8.30-18.4)
<b>20-day</b>	<b>6.99</b> (5.90-8.19)	<b>7.66</b> (6.46-8.98)	<b>8.75</b> (7.36-10.3)	<b>9.66</b> (8.06-11.5)	<b>10.9</b> (8.73-13.4)	<b>11.9</b> (9.24-14.9)	<b>12.9</b> (9.55-16.7)	<b>13.8</b> (9.74-18.6)	<b>15.1</b> (10.1-21.0)	<b>16.0</b> (10.4-22.9)
<b>30-day</b>	<b>8.76</b> (7.44-10.2)	<b>9.53</b> (8.08-11.1)	<b>10.8</b> (9.11-12.7)	<b>11.8</b> (9.91-14.0)	<b>13.3</b> (10.7-16.2)	<b>14.4</b> (11.2-18.0)	<b>15.5</b> (11.5-20.0)	<b>16.6</b> (11.7-22.2)	<b>18.0</b> (12.1-25.0)	<b>19.0</b> (12.4-27.1)
<b>45-day</b>	<b>11.0</b> (9.36-12.8)	<b>11.9</b> (10.1-13.8)	<b>13.4</b> (11.3-15.6)	<b>14.6</b> (12.3-17.2)	<b>16.3</b> (13.1-19.9)	<b>17.6</b> (13.8-21.9)	<b>18.9</b> (14.1-24.3)	<b>20.2</b> (14.3-27.0)	<b>21.8</b> (14.7-30.3)	<b>23.0</b> (15.0-32.7)
<b>60-day</b>	<b>12.9</b> (11.0-14.9)	<b>13.9</b> (11.9-16.1)	<b>15.6</b> (13.2-18.2)	<b>17.0</b> (14.3-19.9)	<b>18.9</b> (15.3-23.0)	<b>20.4</b> (16.0-25.3)	<b>21.9</b> (16.4-28.0)	<b>23.4</b> (16.6-31.1)	<b>25.3</b> (17.1-34.9)	<b>26.6</b> (17.4-37.7)

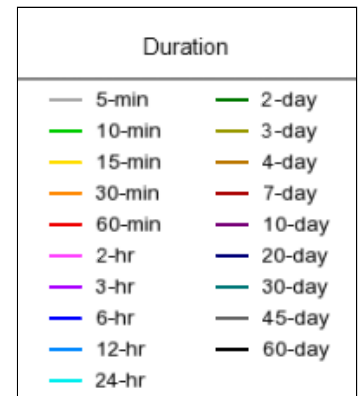
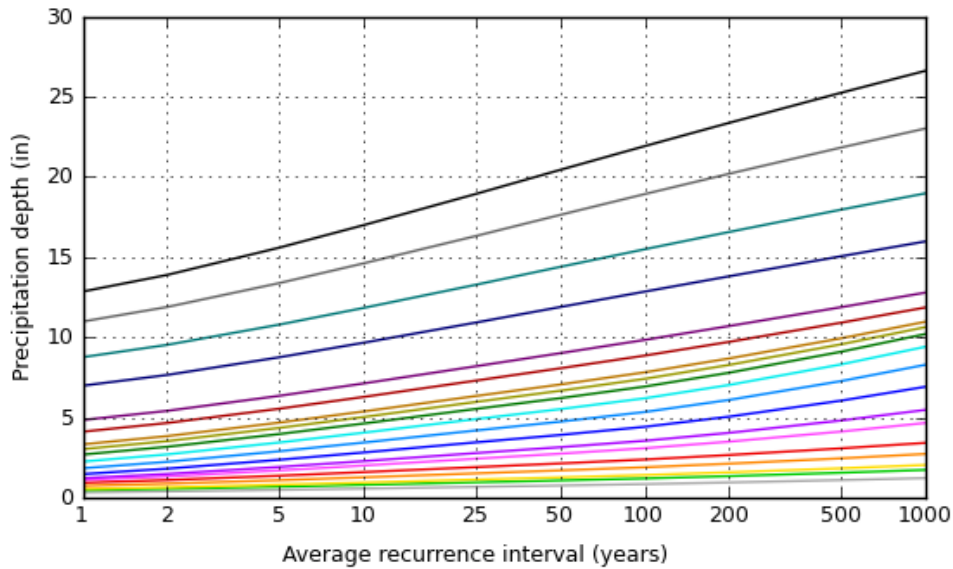
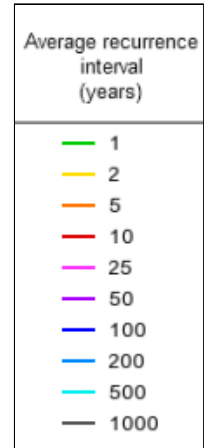
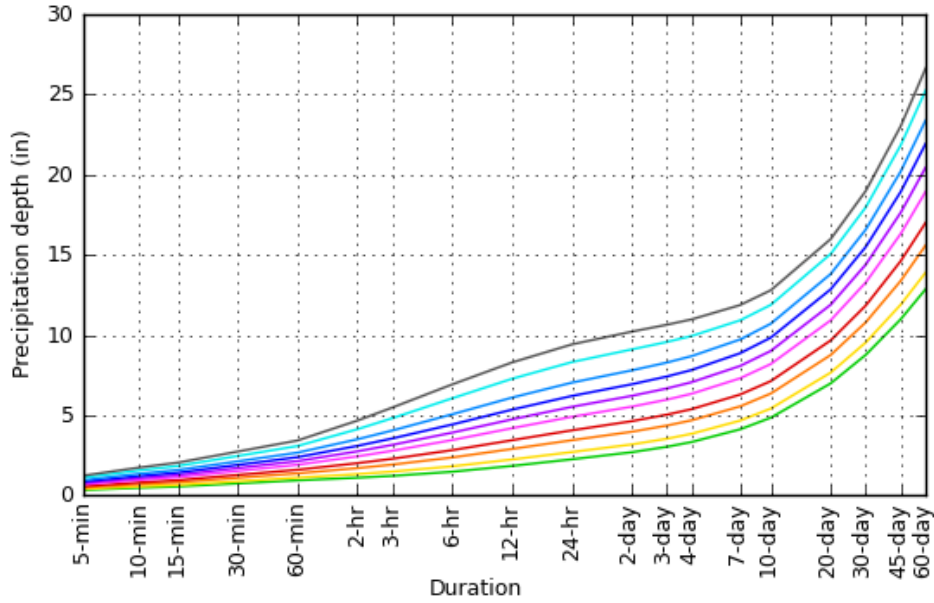
<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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**PF graphical**

PDS-based depth-duration-frequency (DDF) curves

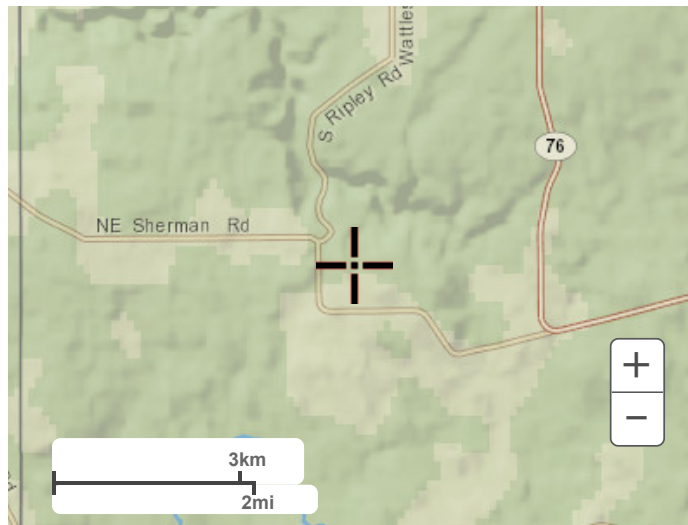
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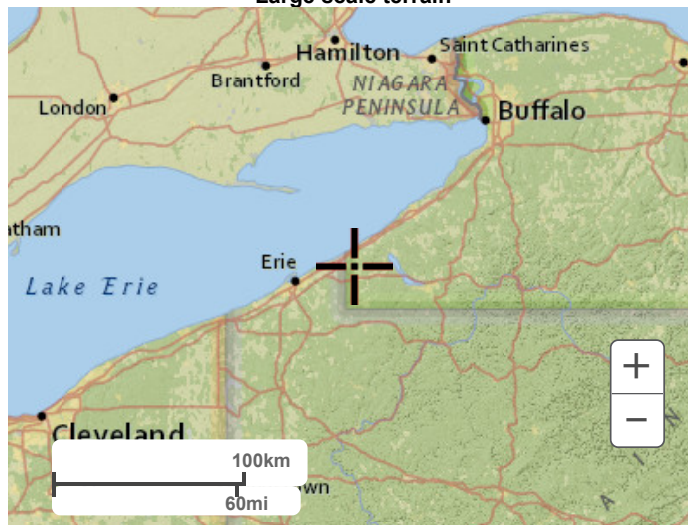
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**Maps & aerials**

**Small scale terrain**



Large scale terrain



Large scale map



Large scale aerial



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[National Weather Service](#)  
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1325 East West Highway  
Silver Spring, MD 20910  
Questions?: [HDSC.Questions@noaa.gov](mailto:HDSC.Questions@noaa.gov)

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Drainage Area ID	Drainage Area	Curve Number	Land Use/Description	Soil Symbol	Soil Description	SSURGO	Corrected	Curve Number	Acreage	Percent	Weighted CN		
						Hydro Classification	Hydro Classification						
1	34.2	Brush-brush, weed, grass mix (Fair)	Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	2.0	5.9%	4.54		
1	34.2	Emergent Herbaceous Wetlands		VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	80	0.0	0.1%	0.08		
1	34.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	1.8	5.2%	4.73		
1	34.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	3.4	9.8%	8.23		
1	34.2	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	3.1	9%	8.01		
1	34.2	Wetlands, Woody Wetlands		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.7	1.9%	1.62		
1	34.2	Woods (Fair) Deciduous Forest, Evergreen Forest		CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	0.7	1.9%	1.39	CN	81
1	34.2	Woods (Fair) Deciduous Forest, Evergreen Forest		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	22.6	66.1%	52.22	34.2 acres	
2	33.5	Brush-brush, weed, grass mix (Fair)	Mixed Forest	As	Ashville silt loam	C/D	C	70	0.5	1.5%	1.05		
2	33.5	Brush-brush, weed, grass mix (Fair)	Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	1.2	3.7%	2.85		
2	33.5	Developed Open Space		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	2.2	6.5%	5.46		
2	33.5	Emergent Herbaceous Wetlands		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	80	0.2	0.7%	0.56		
2	33.5	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard		VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	91	0.0	0.1%	0.09		
2	33.5	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	4.9	14.6%	12.26		
2	33.5	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	89	1.3	3.9%	3.47		
2	33.5	Wetlands, Woody Wetlands		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.5	1.4%	1.19		
2	33.5	Woods (Fair) Deciduous Forest, Evergreen Forest		As	Ashville silt loam	C/D	C	73	0.9	2.7%	1.97	CN	80
2	33.5	Woods (Fair) Deciduous Forest, Evergreen Forest		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	21.7	65%	51.35	33.5 acres	
3	46.1	Brush-brush, weed, grass mix (Fair)	Mixed Forest	As	Ashville silt loam	C/D	C	70	0.1	0.2%	0.14		
3	46.1	Brush-brush, weed, grass mix (Fair)	Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.9	2%	1.54		
3	46.1	Developed Low Intensity		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	93	0.2	0.4%	0.37		
3	46.1	Developed Open Space		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	1.9	4%	3.36		
3	46.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	8.4	18.3%	15.37		
3	46.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	89	0.5	1.1%	0.98		
3	46.1	Wetlands, Woody Wetlands		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	1.1	2.4%	2.04		
3	46.1	Woods (Fair) Deciduous Forest, Evergreen Forest		As	Ashville silt loam	C/D	C	73	3.1	6.6%	4.82	CN	80
3	46.1	Woods (Fair) Deciduous Forest, Evergreen Forest		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	29.9	64.9%	51.27	46.1 acres	
4	106.3	Brush-brush, weed, grass mix (Fair)	Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.9	0.9%	0.63		
4	106.3	Brush-brush, weed, grass mix (Fair)	Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.2	0.2%	0.15		
4	106.3	Developed Open Space		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	78	2.9	2.7%	2.11		
4	106.3	Developed Open Space		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.7	0.7%	0.59		
4	106.3	Emergent Herbaceous Wetlands		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	80	0.2	0.2%	0.16		
4	106.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	79	17.2	16.1%	12.72		
4	106.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	4.9	4.6%	3.86		
4	106.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	85	6.8	6.4%	5.44		
4	106.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	1.2	1.1%	0.98		
4	106.3	Wetlands, Woody Wetlands		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	D	85	3.4	3.2%	2.72		
4	106.3	Woods (Fair) Deciduous Forest, Evergreen Forest		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	73	58.2	54.8%	40.00	CN	76
4	106.3	Woods (Fair) Deciduous Forest, Evergreen Forest		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	9.6	9%	7.11	106.3 acres	
5	14.1	Brush-brush, weed, grass mix (Fair)	Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.8	5.6%	3.92		
5	14.1	Developed Open Space		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	1.5	10.7%	8.35		
5	14.1	Developed Open Space		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.6	4.3%	3.61		
5	14.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	2.3	16.5%	13.04		
5	14.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.2	1.7%	1.43		
5	14.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	7.5	53.3%	45.31		
5	14.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	0.5	3.5%	3.12		
5	14.1	Wetlands, Woody Wetlands		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.4	2.7%	2.30		
5	14.1	Woods (Fair) Deciduous Forest, Evergreen Forest		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	0.1	0.7%	0.51	CN	82
5	14.1	Woods (Fair) Deciduous Forest, Evergreen Forest		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	0.1	1.1%	0.87	14.1 acres	
6	108.0	Barren		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	88	0.2	0.2%	0.18		
6	108.0	Brush-brush, weed, grass mix (Fair)	Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	2.8	2.6%	1.82		
6	108.0	Brush-brush, weed, grass mix (Fair)	Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	1.5	1.4%	1.08		
6	108.0	Developed Low Intensity		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	90	1.8	1.6%	1.44		
6	108.0	Developed Medium Intensity		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	93	0.9	0.8%	0.74		
6	108.0	Developed Open Space		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	78	2.7	2.5%	1.95		
6	108.0	Developed Open Space		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	2.0	1.8%	1.51		
6	108.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	79	7.3	6.7%	5.29		
6	108.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	14.9	13.8%	11.59		
6	108.0	Shrubland		BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	55	0.2	0.2%	0.11		
6	108.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	85	1.9	1.8%	1.53		
6	108.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	4.5	4.2%	3.74		
6	108.0	Wetlands, Woody Wetlands		CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	3.1	2.8%	2.38		
6	108.0	Woods (Fair) Deciduous Forest, Evergreen Forest		CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	53.5	49.5%	36.14	CN	77
6	108.0	Woods (Fair) Deciduous Forest, Evergreen Forest		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	10.7	9.9%	7.82	108.0 acres	
7	9.1	Brush-brush, weed, grass mix (Fair)	Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	0.3	3.6%	2.52		
7	9.1	Woods (Fair) Deciduous Forest, Evergreen Forest		CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	8.7	95.6%	69.79	CN	73
7	9.1	Woods (Fair) Deciduous Forest, Evergreen Forest		VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	79	0.1	0.8%	0.63	9.1 acres	
8	38.4	Brush-brush, weed, grass mix (Fair)	Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	5.4	14%	9.80		
8	38.4	Brush-brush, weed, grass mix (Fair)	Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	5.9	15.3%	11.78		
8	38.4	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.3	0.7%	0.59		
8	38.4	Straight Row Crop (Good) Alfalfa, Corn, Soybeans		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	0.1	0.3%	0.27		
8	38.4	Wetlands, Woody Wetlands		VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.0	0.1%	0.09		

8	38.4 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	9.6 25%	18.25	CN	76
8	38.4 Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	17.1 44.6%	35.23	38.4 acres	
9	76.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	3.4 4.4%	3.08		
9	76.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.2 0.2%	0.15		
9	76.3 Developed Low Intensity	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	90	0.2 0.3%	0.27		
9	76.3 Developed Open Space	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	78	2.4 3.1%	2.42		
9	76.3 Developed Open Space	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.3 0.4%	0.34		
9	76.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	7.3 9.6%	7.58		
9	76.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	1.8 2.3%	1.93		
9	76.3 Shrubland	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	62	0.2 0.3%	0.19		
9	76.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	21.7 28.4%	24.14		
9	76.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	5.9 7.8%	6.94		
9	76.3 Wetlands, Woody Wetlands	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.2 0.3%	0.26		
9	76.3 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	20.4 26.8%	19.56	CN	80
9	76.3 Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	12.2 16%	12.64	76.3 acres	
10	24.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.2 0.9%	0.63		
10	24.1 Developed Low Intensity	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	90	0.0 0.1%	0.09		
10	24.1 Developed Low Intensity	DaA	Dalton silt loam, 0 to 3 percent slopes	D	D	93	0.2 0.7%	0.65		
10	24.1 Developed Open Space	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	0.6 2.6%	2.03		
10	24.1 Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.5 2.2%	1.85		
10	24.1 Emergent Herbaceous Wetlands	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	80	0.2 0.8%	0.64		
10	24.1 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	1.2 4.9%	3.87		
10	24.1 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	2.2 9%	7.56		
10	24.1 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	7.2 29.9%	25.42		
10	24.1 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	5.4 22.2%	19.76		
10	24.1 Wetlands, Woody Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.2 0.9%	0.77		
10	24.1 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	5.8 24.2%	17.67	CN	82
10	24.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	0.4 1.6%	1.26	24.1 acres	
11	39.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.2 0.6%	0.42		
11	39.9 Developed Open Space	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	1.1 2.7%	2.11		
11	39.9 Meadow, Wildflower/Clover	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	63	0.2 0.6%	0.38		
11	39.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	2.5 6.2%	4.90		
11	39.9 Shrubland	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	55	0.0 0%	0.00		
11	39.9 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	0.2 0.6%	0.51		
11	39.9 Wetlands, Woody Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.4 1.1%	0.94	CN	74
11	39.9 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	35.2 88.3%	64.46	39.9 acres	
12	11.2 Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.3 2.7%	2.11		
12	11.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	0.2 2%	1.58		
12	11.2 Shrubland	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	55	0.2 1.9%	1.05	CN	73
12	11.2 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	10.4 93.4%	68.18	11.2 acres	
13	17.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.2 1%	0.70		
13	17.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	1.1 6.2%	4.77		
13	17.3 Developed Open Space	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	78	0.1 0.4%	0.31		
13	17.3 Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.7 3.8%	3.19		
13	17.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4 2.4%	1.90		
13	17.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	1.3 7.2%	6.05		
13	17.3 Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	1.4 8.1%	6.89		
13	17.3 Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	0.5 2.9%	2.84		
13	17.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	2.3 13.5%	9.86	CN	79
13	17.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	9.4 54.3%	42.90	17.3 acres	
14	29.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.1 0.4%	0.34		
14	29.2 Wetlands, Woody Wetlands	W	Water			98	0.0 0%	0.00		
14	29.2 Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	2.1 7.1%	6.04		
14	29.2 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.4 1.3%	0.95	CN	79
14	29.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	26.6 91.2%	72.05	29.2 acres	
15	47.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	2.0 4.2%	2.94		
15	47.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	1.7 3.5%	2.70		
15	47.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4 0.8%	0.63		
15	47.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.9 2%	1.68		
15	47.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.2 0.4%	0.34		
15	47.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.0 0%	0.00		
15	47.2 Water	As	Ashville silt loam	C/D	C	98	0.3 0.6%	0.59		
15	47.2 Wetlands, Woody Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	85	11.9 25.1%	21.34		
15	47.2 Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	2.3 4.8%	4.70		
15	47.2 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	14.5 30.6%	22.34	CN	79
15	47.2 Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	13.1 27.8%	21.96	47.2 acres	
16	58.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.5 2.6%	2.00		
16	58.3 Developed Low Intensity	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	93	0.2 0.4%	0.37		
16	58.3 Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	1.2 2%	1.68		
16	58.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	40.0 68.6%	57.62		
16	58.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	2.9 5%	4.45		
16	58.3 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.2 0.4%	0.34	CN	83
16	58.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	12.3 21.1%	16.67	58.3 acres	
17	60.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.4 0.7%	0.49		
17	60.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	0.0 0%	0.00		



17	60.0 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.2 0.4%	0.32		
17	60.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	5.8 9.6%	7.58		
17	60.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	22.6 37.6%	31.58		
17	60.0 Wetlands, Woody Wetlands	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	85	1.1 1.8%	1.53		
17	60.0 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	9.5 15.8%	11.53	CN	80
17	60.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	20.4 34%	26.86	60.0 acres	
18	242.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	56	3.0 1.2%	0.67		
18	242.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	7.4 3.1%	2.17		
18	242.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	33.3 13.7%	10.55		
18	242.2 Emergent Herbaceous Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	80	1.2 0.5%	0.40		
18	242.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.6 0.7%	0.59		
18	242.2 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	58.1 24%	20.40		
18	242.2 Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	0.1 0%	0.00		
18	242.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	1.0 0.4%	0.24		
18	242.2 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	13.1 5.4%	3.94	CN	79
18	242.2 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	123.3 50.9%	40.21	242.2 acres	
19	8.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	56	0.2 2%	1.12		
19	8.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	Cc	Canandaigua mucky silt loam	C/D	C	70	0.3 2.9%	2.03		
19	8.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	1.5 16.4%	12.63		
19	8.9 Emergent Herbaceous Wetlands	Cc	Canandaigua mucky silt loam	C/D	D	80	0.5 6.2%	4.96		
19	8.9 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	3.9 43.9%	37.32		
19	8.9 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	1.4 15.5%	9.30		
19	8.9 Woods (Fair) Deciduous Forest, Evergreen Forest	Cc	Canandaigua mucky silt loam	C/D	C	73	0.0 0.4%	0.29	CN	78
19	8.9 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	1.1 12.7%	10.03	8.9 acres	
20	385.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	7.5 1.9%	1.33		
20	385.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	12.5 3.2%	2.46		
20	385.7 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.4 0.1%	0.09		
20	385.7 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.5 0.1%	0.08		
20	385.7 Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	9.2 2.4%	2.02		
20	385.7 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	1.8 0.5%	0.40		
20	385.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	0.9 0.2%	0.16		
20	385.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	159.1 41.2%	34.61		
20	385.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	3.8 1%	0.89		
20	385.7 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	5.8 1.5%	1.28		
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	60	4.2 1.1%	0.66		
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	33.8 8.8%	6.42	CN	80
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	146.2 37.9%	29.94	385.7 acres	
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	56	0.6 0.4%	0.22		
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	7.6 4.7%	3.29		
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	77	1.0 0.6%	0.46		
21	162.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.3 0.2%	0.17		
21	162.0 Emergent Herbaceous Wetlands	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	80	0.0 0%	0.00		
21	162.0 Emergent Herbaceous Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	80	0.8 0.5%	0.40		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	69	2.2 1.4%	0.97		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ShB	Schuyler silt loam, 3 to 8 percent slopes	C/D	C	79	5.8 3.6%	2.84		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	84	22.3 13.8%	11.59		
21	162.0 Shrubland	ShB	Schuyler silt loam, 3 to 8 percent slopes	C/D	C	55	0.6 0.3%	0.17		
21	162.0 Shrubland	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	62	0.6 0.3%	0.19		
21	162.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	0.2 0.1%	0.09		
21	162.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.1%	0.09		
21	162.0 Wetlands, Woody Wetlands	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	85	0.0 0%	0.00		
21	162.0 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	3.5 2.1%	1.79		
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	23.5 14.5%	8.70		
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	80.7 49.8%	36.35	CN	73
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	79	12.0 7.4%	5.85	162.0 acres	
22	32.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	35	0.2 0.5%	0.18		
22	32.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	2.5 7.6%	5.32		
22	32.6 Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	0.2 0.7%	0.60		
22	32.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	0.1 0.2%	0.07	CN	73
22	32.6 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	29.7 91%	66.43	32.6 acres	
23	76.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChF	Chadakoin silt loam, 35 to 50 percent slopes	B	B	56	2.0 2.6%	1.46		
23	76.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.7 0.9%	0.63		
23	76.5 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.2 0.2%	0.17		
23	76.5 Emergent Herbaceous Wetlands	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	80	0.1 0.1%	0.08		
23	76.5 Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.1 0.2%	0.16		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	1.6 2.1%	1.45		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.1 0.2%	0.16		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	7.9 10.3%	8.65		
23	76.5 Shrubland	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	42	0.2 0.2%	0.08		
23	76.5 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.1 0.1%	0.06		
23	76.5 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.3%	0.27		
23	76.5 Wetlands, Woody Wetlands	ChF	Chadakoin silt loam, 35 to 50 percent slopes	B	B	85	0.1 0.1%	0.09		
23	76.5 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	1.1 1.4%	1.19		
23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ChF	Chadakoin silt loam, 35 to 50 percent slopes	B	B	60	33.9 44.3%	26.58		
23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	23.5 30.7%	22.41	CN	68

23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	4.8 6.3%	4.98	76.5 acres	
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	56	0.0 0%	0.00		
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	1.4 0.8%	0.56		
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	7.2 4%	3.08		
24	178.6 Developed Low Intensity	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	88	0.3 0.2%	0.18		
24	178.6 Developed Low Intensity	As	Ashville silt loam	C/D	C	90	0.2 0.1%	0.09		
24	178.6 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	1.3 0.7%	0.65		
24	178.6 Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 0.2%	0.19		
24	178.6 Developed Open Space	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	68	1.4 0.8%	0.54		
24	178.6 Developed Open Space	As	Ashville silt loam	C/D	C	78	1.7 1%	0.78		
24	178.6 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.8 6.1%	5.12		
24	178.6 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.5 0.3%	0.24		
24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	0.0 0%	0.00		
24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	4.5 2.5%	1.98		
24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	72.1 40.4%	33.94		
24	178.6 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.2 0.1%	0.06		
24	178.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.2 0.1%	0.09		
24	178.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.3 0.7%	0.62		
24	178.6 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	3.5 2%	1.70		
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	60	5.3 2.9%	1.74		
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	19.7 11.1%	8.10	CN	80
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	46.4 26%	20.54	178.6 acres	
25	151.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.8 0.5%	0.35		
25	151.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	2.3 1.5%	1.16		
25	151.8 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	1.8 1.2%	1.12		
25	151.8 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.3 4.8%	4.03		
25	151.8 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.9 0.6%	0.48		
25	151.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	3.1 2%	1.58		
25	151.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	83.1 54.8%	46.03		
25	151.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.1 0.1%	0.09		
25	151.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.7 1.1%	0.98		
25	151.8 Water	As	Ashville silt loam	C/D	C	98	0.4 0.3%	0.29		
25	151.8 Water	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	98	0.2 0.1%	0.10		
25	151.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	4.5 3%	2.55		
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoim silt loam, 3 to 8 percent slopes	B	B	60	0.8 0.5%	0.30		
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	10.5 6.9%	5.04	CN	82
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	34.3 22.6%	17.85	151.8 acres	
26	184.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	56	0.1 0.1%	0.06		
26	184.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.2 0.1%	0.07		
26	184.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	8.6 4.6%	3.54		
26	184.4 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.3 2.8%	2.35		
26	184.4 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	2.2 1.2%	0.96		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	0.2 0.1%	0.07		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	8.0 4.3%	3.40		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	95.5 51.8%	43.51		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	W	Water			98	0.3 0.1%	0.10		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.5 0.3%	0.26		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	2.2 1.2%	1.07		
26	184.4 Water	As	Ashville silt loam	C/D	C	98	1.1 0.6%	0.59		
26	184.4 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	10.8 5.9%	5.02		
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	60	1.8 1%	0.60		
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	8.1 4.4%	3.21	CN	82
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	39.7 21.5%	16.99	184.4 acres	
27	33.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.2 0.7%	0.54		
27	33.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	1.8 5.3%	3.66		
27	33.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	15.5 45.9%	38.56		
27	33.7 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	1.7 5%	4.25		
27	33.7 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	1.6 4.7%	3.43	CN	81
27	33.7 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	13.0 38.5%	30.42	33.7 acres	
28	18.9 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	0.0 0%	0.00		
28	18.9 Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	2.9 15.5%	13.02		
28	18.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.2 0.9%	0.71		
28	18.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	15.8 83.5%	70.14		
28	18.9 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.0 0.1%	0.09	CN	84
28	18.9 Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	0.0 0%	0.00	18.9 acres	
29	43.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	56	0.0 0.1%	0.06		
29	43.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.1 2.5%	1.93		
29	43.8 Developed Open Space	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	68	0.1 0.1%	0.07		
29	43.8 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.4 0.8%	0.62		
29	43.8 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.2 5.1%	4.28		
29	43.8 Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.2 0.5%	0.40		
29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	1.1 2.5%	1.73		
29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.9 2.1%	1.66		
29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	12.7 29.1%	24.44		
29	43.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.2 0.5%	0.43		

29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	60	4.8 10.9%	6.54		
29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	2.3 5.2%	3.80	CN	78
29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	17.8 40.6%	32.07	43.8 acres	
30	50.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.1 0.1%	0.07		
30	50.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	3.1 6.1%	4.70		
30	50.7 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.1%	0.09		
30	50.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.5 5%	4.20		
30	50.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.5 1.1%	0.87		
30	50.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	14.4 28.5%	23.94		
30	50.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.0 0%	0.00		
30	50.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.4 0.9%	0.80		
30	50.7 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.7 1.3%	1.11		
30	50.7 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	0.1 0.2%	0.15	CN	81
30	50.7 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	28.8 56.8%	44.87	50.7 acres	
31	9.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	7.4 74.3%	62.41		
31	9.9 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.4 4.4%	3.74	CN	83
31	9.9 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	2.1 21.4%	16.91	9.9 acres	
32	47.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.2 0.5%	0.35		
32	47.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	2.1 4.5%	3.47		
32	47.0 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.2%	0.19		
32	47.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.7 1.5%	1.26		
32	47.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	15.0 32%	26.88		
32	47.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.5%	0.45		
32	47.0 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	4.1 8.6%	6.28	CN	80
32	47.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	24.6 52.3%	41.32	47.0 acres	
33	55.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	4.8 8.8%	6.16		
33	55.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	4.6 8.4%	6.47		
33	55.0 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 0.1%	0.09		
33	55.0 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	1.3 2.5%	1.95		
33	55.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.5 1%	0.84		
33	55.0 Emergent Herbaceous Wetlands	Ad	Alden mucky silt loam	C/D	D	80	0.2 0.4%	0.32		
33	55.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	79	0.3 0.6%	0.47		
33	55.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.6 2.9%	2.44		
33	55.0 Wetlands, Woody Wetlands	Ad	Alden mucky silt loam	C/D	D	85	6.0 10.9%	9.27		
33	55.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	17.6 32%	23.36	CN	77
33	55.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	17.9 32.6%	25.75	55.0 acres	
34	49.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	Cb	Canandaigua silt loam, loamy substratum	C/D	C	70	1.2 2.4%	1.68		
34	49.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	0.1 0.3%	0.23		
34	49.2 Developed Open Space	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	78	1.9 3.9%	3.04		
34	49.2 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.5 1.1%	0.92		
34	49.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Cb	Canandaigua silt loam, loamy substratum	C/D	C	79	21.6 43.8%	34.60		
34	49.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	17.7 35.9%	30.16		
34	49.2 Shrubland	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	55	0.4 0.9%	0.50		
34	49.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.5 1.1%	0.94		
34	49.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.3 0.7%	0.62		
34	49.2 Wetlands, Woody Wetlands	Cb	Canandaigua silt loam, loamy substratum	C/D	D	85	0.3 0.5%	0.43		
34	49.2 Woods (Fair) Deciduous Forest, Evergreen Forest	Cb	Canandaigua silt loam, loamy substratum	C/D	C	73	4.4 9%	6.57	CN	80
34	49.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.2 0.4%	0.32	49.2 acres	
35	62.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.7 1.1%	0.77		
35	62.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.5 0.7%	0.54		
35	62.7 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	2.3 3.6%	2.81		
35	62.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.5 16.8%	14.11		
35	62.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	11.3 18%	14.22		
35	62.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	21.0 33.5%	28.14		
35	62.7 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.4 0.7%	0.43		
35	62.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.7 1.1%	0.94		
35	62.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.0 0%	0.00		
35	62.7 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	10.7 17%	12.41	CN	80
35	62.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	4.7 7.5%	5.93	62.7 acres	
36	60.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0%	0.00		
36	60.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.6 1%	0.77		
36	60.9 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.1%	0.09		
36	60.9 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.0 0.1%	0.08		
36	60.9 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.4 5.6%	4.70		
36	60.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	3.1 5.1%	4.03		
36	60.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	40.0 65.7%	55.19		
36	60.9 Shrubland	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	55	0.1 0.2%	0.11		
36	60.9 Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.3 0.5%	0.31		
36	60.9 Small Grain (Good), Oats	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	87	0.2 0.4%	0.35		
36	60.9 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.4 0.7%	0.60		
36	60.9 Woods (Fair) Deciduous Forest, Evergreen Forest	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	73	2.9 4.7%	3.43	CN	82
36	60.9 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	9.7 15.9%	12.56	60.9 acres	
37	12.1 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.5%	0.47		
37	12.1 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.2 2%	1.68		
37	12.1 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.1 83.3%	69.97		

37	12.1 Wetlands, Woody Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	85	0.1 0.6%	0.51	CN	83
37	12.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	1.6 13.6%	10.74	12.1 acres	
38	21.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.3 1.3%	1.00		
38	21.3 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 0.1%	0.09		
38	21.3 Developed Open Space	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	78	0.2 1.1%	0.86		
38	21.3 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.4 6.6%	5.54		
38	21.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	5.3 24.7%	19.51		
38	21.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	12.6 59.3%	49.81		
38	21.3 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.2 1%	0.62		
38	21.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.2 1%	0.85		
38	21.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.2 1%	0.73	CN	82
38	21.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.8 3.8%	3.00	21.3 acres	
39	27.0 Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.7 2.5%	2.30		
39	27.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	35	0.3 1%	0.35		
39	27.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	56	0.1 0.5%	0.28		
39	27.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	0.1 0.4%	0.28		
39	27.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErC	Erie silt loam, 8 to 15 percent slopes	D	D	77	0.6 2.2%	1.69		
39	27.0 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.2 0.8%	0.74		
39	27.0 Developed Open Space	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	52	1.1 4.1%	2.13		
39	27.0 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.5 1.9%	1.48		
39	27.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.5 12.8%	10.75		
39	27.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	49	3.7 13.9%	6.81		
39	27.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	69	0.6 2.1%	1.45		
39	27.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.1 0.5%	0.40		
39	27.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.5 27.9%	23.44		
39	27.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CnB	Chenango gravelly loam, 3 to 8 percent slopes	A	A	67	0.4 1.3%	0.87		
39	27.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	78	0.1 0.5%	0.39		
39	27.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.2 0.8%	0.71		
39	27.0 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.2 0.8%	0.68		
39	27.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	1.6 5.8%	2.09		
39	27.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	60	0.3 1.2%	0.72		
39	27.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	1.2 4.3%	3.14	CN	72
39	27.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErC	Erie silt loam, 8 to 15 percent slopes	D	D	79	3.9 14.6%	11.53	27.0 acres	
40	2.8 Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.1 2.1%	1.93		
40	2.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.1 1.8%	1.39		
40	2.8 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.2 5.5%	4.62		
40	2.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	2.0 70.3%	59.05		
40	2.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.2 8%	7.12	CN	84
40	2.8 Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	0.3 12.3%	9.72	2.8 acres	
41	1.6 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 2.3%	2.14		
41	1.6 Developed Medium Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	94	0.0 0%	0.00		
41	1.6 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.4 22.7%	19.07	CN	84
41	1.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.2 74.9%	62.92	1.6 acres	
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	35	1.2 2.5%	0.88		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.6 1.3%	0.73		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	1.5 3.3%	2.31		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.9 4.2%	3.23		
42	46.2 Developed Medium Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	94	0.0 0%	0.00		
42	46.2 Developed Open Space	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	52	0.3 0.7%	0.36		
42	46.2 Developed Open Space	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	68	0.2 0.4%	0.27		
42	46.2 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.8 1.7%	1.43		
42	46.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	49	0.1 0.3%	0.15		
42	46.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	0.8 1.7%	1.17		
42	46.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	14.0 30.3%	25.45		
42	46.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.1 0.2%	0.18		
42	46.2 Wetlands, Woody Wetlands	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	85	1.0 2.1%	1.79		
42	46.2 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	1.0 2.1%	1.79		
42	46.2 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	3.0 6.4%	5.44		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	36	6.1 13.2%	4.75		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	6.7 14.5%	8.70		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	1.7 3.6%	2.63	CN	70
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	5.3 11.5%	9.09	46.2 acres	
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	35	0.5 3.1%	1.09		
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.0 0.2%	0.11		
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	2.0 13.2%	9.24		
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.7 4.5%	3.47		
43	15.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.9 5.5%	4.62		
43	15.5 Wetlands, Woody Wetlands	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	D	85	0.4 2.7%	2.30		
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	3.2 21%	7.56		
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	0.6 4.2%	2.52		
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	4.8 31%	22.63	CN	65
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	2.2 14.5%	11.46	15.5 acres	
44	6.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	0.0 0.6%	0.46		
44	6.7 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.2 2.9%	2.70		
44	6.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.6 23.6%	19.82		

44	6.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	4.6 68.8%	57.79		
44	6.7 Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.1 0.8%	0.50	CN	84
44	6.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.2 3.3%	2.94	6.7 acres	
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	35	0.1 0.1%	0.04		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	56	1.5 1.6%	0.90		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	3.1 3.5%	2.45		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	3.7 4.2%	3.23		
45	88.3 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.0 0.0%	0.00		
45	88.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	6.2 7.1%	5.61		
45	88.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	47.2 53.5%	44.94		
45	88.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	85	0.4 0.4%	0.34		
45	88.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.4 0.4%	0.36		
45	88.3 Wetlands, Woody Wetlands	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	85	0.0 0.0%	0.00		
45	88.3 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.3 0.3%	0.26		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	0.8 0.9%	0.32		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	60	5.1 5.8%	3.48		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	10.1 11.4%	8.32	CN	79
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	9.5 10.7%	8.45	88.3 acres	
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	35	0.7 1.9%	0.67		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	56	0.9 2.4%	1.34		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	0.9 2.5%	1.75		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.0 0.1%	0.08		
46	36.4 Developed Low Intensity	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	90	0.0 0.0%	0.00		
46	36.4 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.9 2.4%	2.23		
46	36.4 Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 1.2%	1.13		
46	36.4 Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.1 0.3%	0.23		
46	36.4 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.2 0.6%	0.50		
46	36.4 Emergent Herbaceous Wetlands	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	D	80	0.4 1.1%	0.80		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	49	0.8 2.1%	1.03		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	69	0.4 1.1%	0.76		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	8.7 23.8%	18.80		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.1 13.9%	11.68		
46	36.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	67	0.4 1.2%	0.80		
46	36.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	85	0.3 0.7%	0.60		
46	36.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.6%	0.53		
46	36.4 Wetlands, Woody Wetlands	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	85	0.2 0.6%	0.51		
46	36.4 Wetlands, Woody Wetlands	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	85	0.2 0.6%	0.51		
46	36.4 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	1.7 4.8%	4.08		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	4.6 12.6%	4.54		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoim silt loam, 25 to 35 percent slopes	B	B	60	2.5 7%	4.20		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	4.1 11.2%	8.18	CN	71
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	2.7 7.3%	5.77	36.4 acres	
47	22.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	56	0.4 2%	1.12		
47	22.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.4 1.9%	1.33		
47	22.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.5 6.7%	5.16		
47	22.0 Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.1 0.5%	0.39		
47	22.0 Emergent Herbaceous Wetlands	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	80	0.2 1%	0.80		
47	22.0 Emergent Herbaceous Wetlands	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	D	80	0.1 0.3%	0.24		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	49	0.1 0.3%	0.15		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	69	1.7 7.9%	5.45		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	7.9 35.8%	28.28		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.5 11.6%	9.74		
47	22.0 Wetlands, Woody Wetlands	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	85	0.0 0.0%	0.00		
47	22.0 Wetlands, Woody Wetlands	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	85	0.1 0.3%	0.26		
47	22.0 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.7 3.4%	2.89		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	0.2 0.8%	0.29		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	60	2.3 10.2%	6.12		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	2.5 11.3%	8.25	CN	75
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	1.3 5.8%	4.58	22.0 acres	
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	56	0.2 0.6%	0.34		
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.8 2.8%	1.96		
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.2 4.2%	3.23		
48	28.8 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.4 1.5%	1.20		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	69	0.5 1.6%	1.10		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	6.5 22.6%	17.85		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	6.4 22.2%	18.65		
48	28.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	85	0.0 0.1%	0.09		
48	28.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.7%	0.62		
48	28.8 Wetlands, Woody Wetlands	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	85	0.0 0.0%	0.00		
48	28.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.6 2.2%	1.87		
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	60	1.0 3.5%	2.10		
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	5.2 18.1%	13.21	CN	78
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	5.7 19.7%	15.56	28.8 acres	
49	8.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoim silt loam, 8 to 15 percent slopes	B	B	56	0.4 5.3%	2.97		
49	8.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.5 5.8%	4.06		

49	8.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	77	0.1 0.9%	0.69		
49	8.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	0.0 0.3%	0.24		
49	8.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	84	0.0 0.0%	0.00		
49	8.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	78	0.2 2.1%	1.64		
49	8.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.2 2.6%	2.21		
49	8.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	89	0.5 5.8%	5.16		
49	8.3 Wetlands, Woody Wetlands	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	85	0.6 7.7%	6.55		
49	8.3 Wetlands, Woody Wetlands	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	85	0.2 2.7%	2.30		
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udiluvents complex, frequently flooded	A/D	A	36	0.1 0.8%	0.29		
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	60	2.7 32.3%	19.38		
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	1.2 14.5%	10.59	CN	71
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	79	1.6 19.3%	15.25	8.3 acres	
50	8.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	56	0.2 2.8%	1.57		
50	8.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.4 5.6%	3.92		
50	8.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.5 6.7%	5.29		
50	8.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	84	0.4 5.1%	4.28		
50	8.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.2 2.7%	2.30		
50	8.0 Wetlands, Woody Wetlands	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	85	0.1 0.9%	0.77		
50	8.0 Wetlands, Woody Wetlands	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	85	0.0 0.1%	0.09		
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udiluvents complex, frequently flooded	A/D	A	36	0.2 2.3%	0.83		
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	2.5 30.9%	18.54		
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	2.5 31%	22.63	CN	70
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	79	0.9 11.9%	9.40	8.0 acres	
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	56	0.1 0.1%	0.06		
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	1.6 1.7%	1.19		
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	2.0 2.1%	1.62		
51	95.3 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.7 0.7%	0.59		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	69	3.0 3.2%	2.21		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	6.0 6.3%	4.98		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	15.3 16.1%	13.52		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	78	1.3 1.4%	1.09		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.1 0.2%	0.17		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.0 0.0%	0.00		
51	95.3 Wetlands, Woody Wetlands	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	85	0.4 0.4%	0.34		
51	95.3 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.1 0.1%	0.09		
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	60	10.8 11.3%	6.78		
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	24.1 25.3%	18.47	CN	76
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	29.6 31.1%	24.57	95.3 acres	
52	3.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	56	0.1 3%	1.68		
52	3.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0.8%	0.56		
52	3.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	69	0.1 2.1%	1.45		
52	3.9 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	78	0.3 7.5%	5.85		
52	3.9 Wetlands, Woody Wetlands	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	85	0.6 14.2%	12.07		
52	3.9 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	60	2.8 7.1%	42.60	CN	65
52	3.9 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.1 1.3%	0.95	3.9 acres	
53	13.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.1 0.5%	0.28		
53	13.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0.3%	0.21		
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	0.3 2.7%	1.62		
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	10.2 78.1%	57.01	CN	74
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	2.4 18.3%	14.46	13.1 acres	
54	88.0 Barren	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	92	1.3 1.5%	1.38		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	2.4 2.7%	1.51		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	0.3 0.4%	0.28		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	4.0 4.5%	3.47		
54	88.0 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.4 0.5%	0.47		
54	88.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.2 5.9%	4.96		
54	88.0 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.4 0.5%	0.40		
54	88.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.0 0.0%	0.00		
54	88.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	19.5 22.2%	18.65		
54	88.0 Small Grain (Good), Oats	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	87	0.2 0.3%	0.26		
54	88.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	D	Langford silt loam, 3 to 8 percent slopes	D	D	89	1.0 1.2%	1.07		
54	88.0 Wetlands, Woody Wetlands	Ad	Alden mucky silt loam	C/D	D	85	0.7 0.7%	0.60		
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	8.8 9.9%	5.94		
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	12.0 13.7%	10.00	CN	77
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	31.7 36%	28.44	88.0 acres	
55	21.6 Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.2 1%	0.92		
55	21.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.1 0.3%	0.17		
55	21.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.3 1.4%	1.08		
55	21.6 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.1 4.9%	4.12		
55	21.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	79	0.0 0.2%	0.16		
55	21.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	13.5 62.4%	52.42		
55	21.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.4 1.9%	1.69		
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	1.0 4.8%	2.88		
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	0.0 0%	0.00	CN	82
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	5.0 23.2%	18.33	21.6 acres	

56	7.5	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	0.2 2.4%	1.85		
56	7.5	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.9 39%	32.76	CN	81
56	7.5	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	4.4 58.5%	46.22	7.5 acres	
57	23.1	Barren	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	92	0.2 1%	0.92		
57	23.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	56	0.0 0.1%	0.06		
57	23.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	70	0.4 1.7%	1.19		
57	23.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.6 2.4%	1.85		
57	23.1	Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	0.5 2.2%	1.68		
57	23.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	79	0.4 1.9%	1.50		
57	23.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	8.4 36.5%	30.66		
57	23.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	1.2 5.4%	4.81		
57	23.1	Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	60	0.6 2.6%	1.56		
57	23.1	Woods (Fair) Deciduous Forest, Evergreen Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	7.2 31.3%	22.85	CN	79
57	23.1	Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	3.5 15.2%	12.01	23.1 acres	
58	59.0	Barren	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	81	0.0 0%	0.00		
58	59.0	Barren	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	92	0.4 0.7%	0.64		
58	59.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	56	0.0 0%	0.00		
58	59.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.6 2.6%	2.00		
58	59.0	Developed High Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.2 0.4%	0.38		
58	59.0	Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.4 0.8%	0.74		
58	59.0	Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 0.8%	0.75		
58	59.0	Developed Open Space	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	68	0.3 0.5%	0.34		
58	59.0	Developed Open Space	As	Ashville silt loam	C/D	C	78	0.0 0%	0.00		
58	59.0	Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.1 5.2%	4.37		
58	59.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	2.3 3.8%	3.00		
58	59.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	30.0 50.7%	42.59		
58	59.0	Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.2 0.3%	0.19		
58	59.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.4 2.4%	2.14		
58	59.0	Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.2 0.4%	0.34		
58	59.0	Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	60	4.4 7.5%	4.50		
58	59.0	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	1.5 2.5%	1.83	CN	81
58	59.0	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	12.6 21.3%	16.83	59.0 acres	
59	66.5	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	1.5 2.2%	1.54		
59	66.5	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	2.9 4.4%	3.39		
59	66.5	Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.6 0.9%	0.72		
59	66.5	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	1.3 2%	1.58		
59	66.5	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	26.4 39.6%	33.26		
59	66.5	Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.0 0.1%	0.06		
59	66.5	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.1 1.6%	1.42		
59	66.5	Water	Ad	Alden mucky silt loam	C/D	C	98	0.1 0.1%	0.10		
59	66.5	Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	6.3 9.5%	8.08		
59	66.5	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	11.0 16.6%	12.12	CN	80
59	66.5	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	15.3 23%	18.17	66.5 acres	
60	30.7	Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluents complex, frequently flooded	A/D	A	35	0.1 0.3%	0.11		
60	30.7	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	2.2 7.3%	5.11		
60	30.7	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	4.3 13.9%	10.70		
60	30.7	Emergent Herbaceous Wetlands	Ad	Alden mucky silt loam	C/D	D	80	1.4 4.5%	3.60		
60	30.7	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.4 4.6%	3.86		
60	30.7	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Ad	Alden mucky silt loam	C/D	C	85	0.2 0.7%	0.60		
60	30.7	Water	Fe	Fluvaquents-Udifluents complex, frequently flooded	A/D	A	98	0.0 0%	0.00		
60	30.7	Water	Ad	Alden mucky silt loam	C/D	C	98	0.7 2.2%	2.16		
60	30.7	Water	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	98	0.3 1.1%	1.08		
60	30.7	Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	6.2 20.1%	17.09		
60	30.7	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	4.7 15.4%	11.24	CN	79
60	30.7	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	9.2 29.9%	23.62	30.7 acres	

Drainage Area ID	Drainage Area Acreage	Curve Number	Land Use/Description	Soil Symbol	Soil Description	SSURGO Hydro Classification	Corrected Hydro Classification	Curve Number	Acreage	Percent	Weighted CN		
1		34.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	1.5	4.5%	3.43		
1		34.2	Emergent Herbaceous Wetlands	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	80	0.0	0.1%	0.10		
1		34.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	3.9	11.5%	10.46		
1		34.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	3.0	8.6%	7.25		
1		34.2	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.8	2.4%	1.99		
1		34.2	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	2.4	7.1%	6.35		
1		34.2	Wetlands, Woody Wetlands	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.4	1.3%	1.11		
1		34.2	Woods (Fair) Deciduous Forest, Evergreen Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	0.7	1.9%	1.40	CN	82
1		34.2	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	21.4	62.6%	49.43	34.2 acres	
2		33.5	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.0	0.12%	0.08		
2		33.5	Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.2	0.55%	0.42		
2		33.5	Developed Open Space	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	2.1	6.29%	5.28		
2		33.5	Emergent Herbaceous Wetlands	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	80	0.2	0.66%	0.53		
2		33.5	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	91	2.5	7.34%	6.68		
2		33.5	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	3.3	9.89%	8.30		
2		33.5	PV Fenced Areas	As	Ashville silt loam	C/D	C	79	0.6	1.82%	1.44		
2		33.5	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	3.1	9.28%	7.80		
2		33.5	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	89	1.2	3.68%	3.28		
2		33.5	Wetlands, Woody Wetlands	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	85	0.5	1.36%	1.16		
2		33.5	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	0.8	2.28%	1.66	CN	81
2		33.5	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	19.0	56.73%	44.81	33.5 acres	
3		46.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.1	0.2%	0.14		
3		46.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.9	2%	1.54		
3		46.1	Developed Low Intensity	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	93	0.2	0.4%	0.37		
3		46.1	Developed Open Space	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	1.8	3.9%	3.28		
3		46.1	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	91	0.4	0.9%	0.82		
3		46.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	5.7	12.4%	10.42		
3		46.1	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	10.0	21.7%	18.23		
3		46.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	89	0.5	1.1%	0.98		
3		46.1	Wetlands, Woody Wetlands	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	85	0.5	1%	0.85		
3		46.1	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	3.1	6.6%	4.82	CN	81
3		46.1	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	22.9	49.7%	39.26	46.1 acres	
4		106.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.9	0.9%	0.63		
4		106.3	Developed Open Space	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	78	2.8	2.6%	2.03		
4		106.3	Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.6	0.6%	0.50		
4		106.3	Emergent Herbaceous Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	80	0.2	0.2%	0.16		
4		106.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	89	0.2	0.1%	0.09		
4		106.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	0.5	0.5%	0.46		
4		106.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	79	12.9	12.1%	9.56		
4		106.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	2.8	2.6%	2.18		
4		106.3	PV Fenced Areas	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	16.9	15.9%	12.56		
4		106.3	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	7.2	6.8%	5.71		
4		106.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	85	4.4	4.2%	3.57		
4		106.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	0.7	0.7%	0.62		
4		106.3	Wetlands, Woody Wetlands	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	D	85	3.4	3.2%	2.72		
4		106.3	Woods (Fair) Deciduous Forest, Evergreen Forest	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	73	47.9	45%	32.85	CN	77
4		106.3	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	4.7	4.5%	3.56	106.3 acres	
5		14.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.8	5.6%	3.92		
5		14.1	Developed Open Space	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	1.5	10.7%	8.35		
5		14.1	Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.6	4.3%	3.61		
5		14.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	2.3	16.5%	13.04		
5		14.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.2	1.7%	1.43		
5		14.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	7.5	53.3%	45.31		
5		14.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	0.5	3.5%	3.12		
5		14.1	Wetlands, Woody Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.4	2.7%	2.30		
5		14.1	Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	0.1	0.7%	0.51	CN	82
5		14.1	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	0.1	1.1%	0.87	14.1 acres	
6		108.0	Barren	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	88	0.2	0.2%	0.18		
6		108.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	2.8	2.6%	1.82		
6		108.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	1.5	1.4%	1.08		
6		108.0	Developed Low Intensity	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	90	1.5	1.4%	1.26		
6		108.0	Developed Medium Intensity	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	93	0.9	0.8%	0.74		
6		108.0	Developed Open Space	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	78	2.7	2.5%	1.95		
6		108.0	Developed Open Space	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	2.0	1.8%	1.51		
6		108.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.9	0.9%	0.80		
6		108.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	0.2	0.2%	0.18		
6		108.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	79	5.5	5.1%	4.03		
6		108.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	11.8	10.9%	9.16		
6		108.0	PV Fenced Areas	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	79	11.3	10.4%	8.22		
6		108.0	PV Fenced Areas	DaA	Dalton silt loam, 0 to 3 percent slopes	D	D	84	4.0	3.7%	3.11		
6		108.0	Shrubland	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	55	0.1	0.1%	0.06		
6		108.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsA	Busti silt loam, 0 to 3 percent slopes	C/D	C	85	1.4	1.3%	1.11		



6	108.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	4.3	4%	3.56		
6	108.0	Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	2.5	2.3%	1.96		
6	108.0	Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	44.6	41.3%	30.15	CN	78
6	108.0	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	9.8	9.1%	7.19	108.0 acres	
7	9.1	Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	0.2	2.2%	1.54		
7	9.1	PV Fenced Areas	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	4.3	47.9%	37.84		
7	9.1	Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	4.5	49.2%	35.92	CN	76
7	9.1	Woods (Fair) Deciduous Forest, Evergreen Forest	VoB	Volusia channery silt loam, 3 to 8 percent slopes	D	D	79	0.1	0.8%	0.63	9.1 acres	
8	38.4	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	4.4	11.6%	8.12		
8	38.4	Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	2.3	6.1%	4.70		
8	38.4	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	0.4	0.9%	0.82		
8	38.4	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.3	0.7%	0.59		
8	38.4	PV Fenced Areas	As	Ashville silt loam	C/D	C	79	4.3	11.3%	8.93		
8	38.4	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	13.1	34.3%	28.81		
8	38.4	Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	6.2	16.2%	11.83	CN	79
8	38.4	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	7.3	18.9%	14.93	38.4 acres	
9	76.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	1.8	2.3%	1.61		
9	76.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	77	0.2	0.2%	0.15		
9	76.3	Developed Low Intensity	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	90	0.2	0.3%	0.27		
9	76.3	Developed Open Space	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	78	2.3	3%	2.34		
9	76.3	Developed Open Space	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.3	0.4%	0.34		
9	76.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	89	1.0	1.3%	1.16		
9	76.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	91	0.2	0.2%	0.18		
9	76.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	3.9	5.2%	4.11		
9	76.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	0.7	1%	0.84		
9	76.3	PV Fenced Areas	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	23.6	31%	24.49		
9	76.3	PV Fenced Areas	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	84	8.9	11.7%	9.83		
9	76.3	Shrubland	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	62	0.2	0.2%	0.12		
9	76.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	8.4	11.1%	9.44		
9	76.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	89	0.0	0%	0.00		
9	76.3	Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	14.0	18.4%	13.43	CN	79
9	76.3	Woods (Fair) Deciduous Forest, Evergreen Forest	VoA	Volusia channery silt loam, 0 to 3 percent slopes	D	D	79	10.4	13.6%	10.74	76.3 acres	
10	24.1	Developed Low Intensity	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	90	0.0	0.1%	0.09		
10	24.1	Developed Low Intensity	DaA	Dalton silt loam, 0 to 3 percent slopes	D	D	93	0.2	0.7%	0.65		
10	24.1	Developed Open Space	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	0.6	2.5%	1.95		
10	24.1	Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.5	2.2%	1.85		
10	24.1	Emergent Herbaceous Wetlands	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	80	0.1	0.4%	0.32		
10	24.1	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	89	0.3	1.3%	1.16		
10	24.1	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	91	0.1	0.6%	0.55		
10	24.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	0.6	2.3%	1.82		
10	24.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	1.1	4.5%	3.78		
10	24.1	PV Fenced Areas	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	10.8	44.7%	35.31		
10	24.1	PV Fenced Areas	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	5.7	23.6%	19.82		
10	24.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	0.7	3%	2.55		
10	24.1	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	89	1.0	4%	3.56		
10	24.1	Wetlands, Woody Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.2	0.9%	0.77		
10	24.1	Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	2.1	8.8%	6.42	CN	81
10	24.1	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	0.1	0.4%	0.32	24.1 acres	
11	39.9	Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.2	0.6%	0.42		
11	39.9	Developed Open Space	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	78	1.0	2.5%	1.95		
11	39.9	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	89	0.6	1.6%	1.42		
11	39.9	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	2.2	5.6%	4.42		
11	39.9	PV Fenced Areas	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	14.9	37.3%	29.47		
11	39.9	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	0.2	0.6%	0.51		
11	39.9	Wetlands, Woody Wetlands	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	D	85	0.3	0.8%	0.68	CN	76
11	39.9	Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	20.3	50.9%	37.16	39.9 acres	
12	11.2	Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.3	2.5%	1.95		
12	11.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	0.1	0.7%	0.55		
12	11.2	PV Fenced Areas	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	6.1	54.5%	43.06		
12	11.2	Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	4.7	42.3%	30.88	CN	77
13	17.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.2	1%	0.70	11.3 acres	
13	17.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	0.7	4.3%	3.31		
13	17.3	Developed Open Space	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	78	0.1	0.4%	0.31		
13	17.3	Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.6	3.8%	3.19		
13	17.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.1	0.9%	0.80		
13	17.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	91	0.5	2.6%	2.37		
13	17.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4	2.4%	1.90		
13	17.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	1.1	6.2%	5.21		
13	17.3	PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4	2.5%	1.98		
13	17.3	PV Fenced Areas	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	5.2	30.3%	25.45		
13	17.3	Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	0.5	2.9%	2.84		
13	17.3	Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	0.9	5.5%	4.68		
13	17.3	Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	1.9	11%	8.03	CN	81
13	17.3	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	4.5	26.3%	20.78	17.1 acres	
14	29.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.0	0.1%	0.09		

14	29.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	91	0.5	1.7%	1.55		
14	29.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	0.1	0.4%	0.34		
14	29.2	PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	79	0.0	0.1%	0.08		
14	29.2	PV Fenced Areas	ErA	Erie silt loam, 0 to 3 percent slopes	D	C	84	19.9	68.1%	57.20		
14	29.2	Wetlands, Woody Wetlands	W	Water			98	0.0	0%	0.00		
14	29.2	Wetlands, Woody Wetlands	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	D	85	1.8	6%	5.10		
14	29.2	Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.4	1.2%	0.88	CN	83
14	29.2	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	6.6	22.4%	17.70	29.2 acres	
15	47.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	2.0	4.2%	2.94		
15	47.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	1.7	3.5%	2.70		
15	47.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.1	0.2%	0.18		
15	47.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.1	0.2%	0.18		
15	47.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4	0.8%	0.63		
15	47.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.9	2%	1.68		
15	47.2	PV Fenced Areas	As	Ashville silt loam	C/D	C	79	3.9	8.2%	6.48		
15	47.2	PV Fenced Areas	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	3.1	6.5%	5.46		
15	47.2	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.2	0.4%	0.34		
15	47.2	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.0	0%	0.00		
15	47.2	Water	As	Ashville silt loam	C/D	D	98	0.3	0.6%	0.59		
15	47.2	Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	2.3	4.8%	4.70		
15	47.2	Wetlands, Woody Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	85	11.9	25.1%	21.34		
15	47.2	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	10.5	22.2%	16.21	CN	80
15	47.2	Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	10.0	21.2%	16.75	47.2 acres	
16	58.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.4	2.4%	1.85		
16	58.3	Developed Low Intensity	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	93	0.2	0.3%	0.28		
16	58.3	Developed Open Space	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	1.2	2%	1.68		
16	58.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.1	1.9%	1.73		
16	58.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	32.8	56.2%	47.21		
16	58.3	PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.0	12%	10.08		
16	58.3	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	2.6	4.5%	4.01		
16	58.3	Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.2	0.4%	0.34	CN	83
16	58.3	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	11.8	20.3%	16.04	58.3 acres	
17	60.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.4	0.7%	0.49		
17	60.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	77	0.0	0%	0.00		
17	60.0	Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.2	0.3%	0.24		
17	60.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.3	0.5%	0.45		
17	60.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.9	1.5%	1.37		
17	60.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	5.6	9.4%	7.43		
17	60.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	20.2	33.7%	28.31		
17	60.0	PV Fenced Areas	As	Ashville silt loam	C/D	C	79	0.6	1.1%	0.87		
17	60.0	PV Fenced Areas	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	84	6.2	10.3%	8.65		
17	60.0	Wetlands, Woody Wetlands	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	85	1.1	1.8%	1.53		
17	60.0	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	8.7	14.6%	10.66	CN	81
17	60.0	Woods (Fair) Deciduous Forest, Evergreen Forest	ErA	Erie silt loam, 0 to 3 percent slopes	D	D	79	15.6	26%	20.54	60.0 acres	
18	242.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	56	3.0	1.2%	0.67		
18	242.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	7.4	3.1%	2.17		
18	242.2	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	26.2	10.8%	8.32		
18	242.2	Emergent Herbaceous Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	80	1.2	0.5%	0.40		
18	242.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	85	0.0	0%	0.00		
18	242.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.1	0.1%	0.09		
18	242.2	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	1.3	0.6%	0.55		
18	242.2	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.0	0%	0.00		
18	242.2	PV Fenced Areas	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	69	0.2	0.1%	0.07		
18	242.2	PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.4	0.2%	0.16		
18	242.2	PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	31.6	13.1%	11.00		
18	242.2	Woods (Fair) Deciduous Forest, Evergreen Forest	W	Water			98	0.1	0%	0.00		
18	242.2	Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	58.1	24%	20.40		
18	242.2	Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	0.8	0.3%	0.18		
18	242.2	Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	12.6	5.2%	3.80	CN	80
18	242.2	Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	99.1	40.9%	32.31	242.2 acres	
19	8.9	Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	56	0.0	0%	0.00		
19	8.9	Brush-brush, weed, grass mix (Fair)Mixed Forest	Cc	Canandaigua mucky silt loam	C/D	C	70	0.3	2.9%	2.03		
19	8.9	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.2	2.8%	2.16		
19	8.9	Emergent Herbaceous Wetlands	Cc	Canandaigua mucky silt loam	C/D	D	80	0.5	6.2%	4.96		
19	8.9	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	85	0.2	2.1%	1.79		
19	8.9	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.0	0.1%	0.09		
19	8.9	PV Fenced Areas	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	69	1.4	15.3%	10.56		
19	8.9	PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	2.2	25.1%	21.08		
19	8.9	Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	3.9	43.9%	37.32		
19	8.9	Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	0.0	0%	0.00		
19	8.9	Woods (Fair) Deciduous Forest, Evergreen Forest	Cc	Canandaigua mucky silt loam	C/D	C	73	0.0	0.4%	0.29	CN	81
19	8.9	Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	0.1	1%	0.79	8.9 acres	
20	385.7	Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	4.2	1.1%	0.77		
20	385.7	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	9.3	2.4%	1.85		
20	385.7	Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.4	0.1%	0.09		

20	385.7 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.5 0.1%	0.08		
20	385.7 Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	9.1 2.4%	2.02		
20	385.7 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.9 0.2%	0.16		
20	385.7 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	89	0.3 0.1%	0.09		
20	385.7 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	91	2.9 0.8%	0.73		
20	385.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	0.1 0%	0.00		
20	385.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	122.5 31.8%	26.71		
20	385.7 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	18.3 4.7%	3.71		
20	385.7 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	82.1 21.3%	17.89		
20	385.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	2.5 0.7%	0.62		
20	385.7 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	3.3 0.9%	0.77		
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	60	4.2 1.1%	0.66		
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	19.5 5%	3.65	CN	81
20	385.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	105.4 27.3%	21.57	385.7 acres	
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChB	Chadakoim silt loam, 3 to 8 percent slopes	B	B	56	0.4 0.3%	0.17		
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	4.9 3%	2.10		
21	162.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	77	0.9 0.6%	0.46		
21	162.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.3 0.2%	0.17		
21	162.0 Emergent Herbaceous Wetlands	ChB	Chadakoim silt loam, 3 to 8 percent slopes	B	B	80	0.0 0%	0.00		
21	162.0 Emergent Herbaceous Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	80	0.3 0.2%	0.16		
21	162.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	85	0.6 0.4%	0.34		
21	162.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.9 0.6%	0.53		
21	162.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	91	1.0 0.6%	0.55		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChB	Chadakoim silt loam, 3 to 8 percent slopes	B	B	69	2.2 1.3%	0.90		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ShB	Schuyler silt loam, 3 to 8 percent slopes	C/D	C	79	5.2 3.2%	2.53		
21	162.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	84	20.5 12.7%	10.67		
21	162.0 PV Fenced Areas	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	4.6 2.9%	2.00		
21	162.0 PV Fenced Areas	ShB	Schuyler silt loam, 3 to 8 percent slopes	C/D	C	79	39.0 24.1%	19.04		
21	162.0 PV Fenced Areas	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	84	3.3 2.1%	1.76		
21	162.0 Shrubland	ShB	Schuyler silt loam, 3 to 8 percent slopes	C/D	C	55	0.1 0.1%	0.06		
21	162.0 Shrubland	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	62	0.6 0.3%	0.19		
21	162.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	85	0.2 0.1%	0.09		
21	162.0 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	2.0 1.2%	1.02		
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoim silt loam, 3 to 8 percent slopes	B	B	60	18.5 11.4%	6.84		
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	45.2 27.9%	20.37	CN	75
21	162.0 Woods (Fair) Deciduous Forest, Evergreen Forest	FmA	Fremont silt loam, 0 to 3 percent slopes	D	D	79	11.1 6.8%	5.37	162.0 acres	
22	32.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	35	0.2 0.5%	0.18		
22	32.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	1.8 5.6%	3.92		
22	32.6 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	89	0.4 1.3%	1.16		
22	32.6 PV Fenced Areas	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	79	14.3 43.9%	34.68		
22	32.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	0.1 0.2%	0.07	CN	75
22	32.6 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	15.8 48.5%	35.41	32.6 acres	
23	76.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	56	1.9 2.5%	1.40		
23	76.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	70	0.7 0.9%	0.63		
23	76.5 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.2 0.2%	0.17		
23	76.5 Emergent Herbaceous Wetlands	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	80	0.1 0.1%	0.08		
23	76.5 Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.1 0.2%	0.16		
23	76.5 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.4 0.5%	0.45		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	1.0 1.3%	0.90		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.1 0.1%	0.08		
23	76.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.2 9.4%	7.90		
23	76.5 PV Fenced Areas	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	6.5 8.5%	5.87		
23	76.5 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	11.0 14.4%	11.38		
23	76.5 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	2.0 2.6%	2.18		
23	76.5 Shrubland	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	42	0.2 0.2%	0.08		
23	76.5 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.1 0.1%	0.06		
23	76.5 Wetlands, Woody Wetlands	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	85	0.1 0.1%	0.09		
23	76.5 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	1.0 1.3%	1.11		
23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	60	28.2 36.8%	22.08		
23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	BsB	Busti silt loam, 3 to 8 percent slopes	C/D	C	73	12.2 15.9%	11.61	CN	70
23	76.5 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	3.7 4.9%	3.87	76.5 acres	
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	56	0.0 0%	0.00		
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	1.4 0.8%	0.56		
24	178.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	6.8 3.8%	2.93		
24	178.6 Developed Low Intensity	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	88	0.3 0.2%	0.18		
24	178.6 Developed Low Intensity	As	Ashville silt loam	C/D	C	90	0.2 0.1%	0.09		
24	178.6 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	1.3 0.7%	0.65		
24	178.6 Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 0.2%	0.19		
24	178.6 Developed Open Space	ChF	Chadakoim silt loam, 35 to 50 percent slopes	B	B	68	1.4 0.8%	0.54		
24	178.6 Developed Open Space	As	Ashville silt loam	C/D	C	78	1.7 1%	0.78		
24	178.6 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.6 5.9%	4.96		
24	178.6 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.5 0.3%	0.24		
24	178.6 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	2.0 1.1%	1.00		
24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	69	0.0 0%	0.00		
24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	4.4 2.5%	1.98		

24	178.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	42.9 24%	20.16		
24	178.6 PV Fenced Areas	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	0.1 0.1%	0.07		
24	178.6 PV Fenced Areas	As	Ashville silt loam	C/D	D	79	0.1 0%	0.00		
24	178.6 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	C	84	28.8 16.1%	13.52		
24	178.6 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.2 0.1%	0.06		
24	178.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.2 0.1%	0.09		
24	178.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.9 0.5%	0.45		
24	178.6 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	3.5 1.9%	1.62		
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ChF	Chadakoin silt loam, 35 to 50 percent slopes	B	B	60	5.1 2.9%	1.74		
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	19.7 11.1%	8.10	CN	80
24	178.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	45.8 25.7%	20.30	178.6 acres	
25	151.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.8 0.5%	0.35		
25	151.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.7 1.1%	0.85		
25	151.8 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	1.8 1.2%	1.12		
25	151.8 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.1 4.6%	3.86		
25	151.8 Emergent Herbaceous Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	80	0.7 0.4%	0.32		
25	151.8 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.1 0.1%	0.09		
25	151.8 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.7 1.1%	1.00		
25	151.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	3.1 2%	1.58		
25	151.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	42.8 28.2%	23.69		
25	151.8 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	0.0 0%	0.00		
25	151.8 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	47.5 31.3%	26.29		
25	151.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.1 0.1%	0.09		
25	151.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.9 0.6%	0.53		
25	151.8 Water	As	Ashville silt loam	C/D	C	98	0.4 0.3%	0.29		
25	151.8 Water	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	98	0.2 0.1%	0.10		
25	151.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	3.6 2.4%	2.04		
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	60	0.8 0.5%	0.30		
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	10.4 6.8%	4.96	CN	82
25	151.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	28.1 18.5%	14.62	151.8 acres	
26	184.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	56	0.1 0.1%	0.06		
26	184.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	5.6 3%	2.31		
26	184.4 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.2 2.8%	2.35		
26	184.4 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	1.3 0.7%	0.56		
26	184.4 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.0 0.6%	0.55		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	0.2 0.1%	0.07		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	6.1 3.3%	2.61		
26	184.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	40.8 22.1%	18.56		
26	184.4 PV Fenced Areas	ChB	Chadakoin silt loam, 3 to 8 percent slopes	B	B	69	1.8 1%	0.69		
26	184.4 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	3.4 1.8%	1.42		
26	184.4 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	83.0 45%	37.80		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.5 0.3%	0.26		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.8 1%	0.89		
26	184.4 Water	As	Ashville silt loam	C/D	C	98	1.1 0.6%	0.59		
26	184.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	W	Water			98	0.3 0.1%	0.10		
26	184.4 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	10.1 5.5%	4.68		
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	60	0.0 0%	0.00		
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	6.7 3.6%	2.63	CN	83
26	184.4 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	15.3 8.3%	6.56	184.4 acres	
27	33.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.1 0.4%	0.31		
27	33.7 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	85	0.0 0.1%	0.09		
27	33.7 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	91	0.5 1.4%	1.27		
27	33.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	0.4 1.3%	0.90		
27	33.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	5.2 15.6%	13.10		
27	33.7 PV Fenced Areas	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	1.3 3.9%	2.69		
27	33.7 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	15.5 46.1%	38.72		
27	33.7 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	1.5 4.3%	3.66		
27	33.7 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	1.6 4.7%	3.43	CN	82
27	33.7 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	7.5 22.2%	17.54	33.7 acres	
28	18.9 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	0.0 0%	0.00		
28	18.9 Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	2.9 15.1%	12.68		
28	18.9 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	91	0.2 1.2%	1.09		
28	18.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.2 0.9%	0.71		
28	18.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	7.5 39.9%	33.52		
28	18.9 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	8.1 42.8%	35.95		
28	18.9 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.0 0.1%	0.09	CN	84
28	18.9 Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	0.0 0%	0.00	18.9 acres	
29	43.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	56	0.0 0.1%	0.06		
29	43.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.4 1%	0.77		
29	43.8 Developed Open Space	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	68	0.1 0.1%	0.07		
29	43.8 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.4 0.8%	0.62		
29	43.8 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.2 5%	4.20		
29	43.8 Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.2 0.5%	0.40		
29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChD	Chadakoin silt loam, 15 to 25 percent slopes	B	B	69	1.1 2.5%	1.73		
29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.9 2.1%	1.66		

29	43.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	6.6 15.1%	12.68		
29	43.8 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	13.9 31.8%	26.71		
29	43.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.2 0.5%	0.43		
29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChD	Chadakoim silt loam, 15 to 25 percent slopes	B	B	60	4.8 10.9%	6.54		
29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	2.3 5.2%	3.80	CN	79
29	43.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	10.7 24.4%	19.28	43.8 acres	
30	50.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	0.1 0.1%	0.07		
30	50.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.9 3.8%	2.93		
30	50.7 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.1%	0.09		
30	50.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.4 4.8%	4.03		
30	50.7 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.0 1.9%	1.73		
30	50.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	0.5 1.1%	0.87		
30	50.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.5 14.8%	12.43		
30	50.7 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	22.8 44.9%	37.72		
30	50.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.0 0%	0.00		
30	50.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.4 0.7%	0.62		
30	50.7 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.7 1.3%	1.11		
30	50.7 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	0.1 0.2%	0.15	CN	83
30	50.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	13.4 26.4%	20.86	50.7 acres	
31	9.9 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	3.9 39.6%	33.26		
31	9.9 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	3.6 36.1%	30.32		
31	9.9 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.4 4.3%	3.66	CN	83
31	9.9 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	2.0 20%	15.80	9.9 acres	
32	47.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.4 3%	2.31		
32	47.0 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.2%	0.19		
32	47.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.6 1.3%	1.09		
32	47.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.7 1.5%	1.37		
32	47.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.3 2.9%	2.44		
32	47.0 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	4.2 9%	7.11		
32	47.0 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	31.0 66.1%	55.52		
32	47.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.2 0.4%	0.36		
32	47.0 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	0.1 0.1%	0.07	CN	83
32	47.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	7.3 15.5%	12.25	47.0 acres	
33	55.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	4.8 8.8%	6.16		
33	55.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	4.6 8.3%	6.39		
33	55.0 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 0.1%	0.09		
33	55.0 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	1.3 2.5%	1.95		
33	55.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.5 1%	0.84		
33	55.0 Emergent Herbaceous Wetlands	Ad	Alden mucky silt loam	C/D	D	80	0.2 0.4%	0.32		
33	55.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	89	0.1 0.2%	0.18		
33	55.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.2 0.4%	0.36		
33	55.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	79	0.1 0.3%	0.24		
33	55.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.1 0.2%	0.17		
33	55.0 PV Fenced Areas	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	79	0.1 0.3%	0.24		
33	55.0 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.0 9%	7.56		
33	55.0 Wetlands, Woody Wetlands	Ad	Alden mucky silt loam	C/D	D	85	6.0 10.9%	9.27		
33	55.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	17.5 31.8%	23.21	CN	78
33	55.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	14.3 26%	20.54	55.0 acres	
34	49.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	Cb	Canandaigua silt loam, loamy substratum	C/D	C	70	1.2 2.3%	1.61		
34	49.2 Developed Open Space	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	78	1.9 3.9%	3.04		
34	49.2 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.5 1.1%	0.92		
34	49.2 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	89	0.0 0%	0.00		
34	49.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Cb	Canandaigua silt loam, loamy substratum	C/D	C	79	19.4 39.4%	31.13		
34	49.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	17.2 35%	29.40		
34	49.2 PV Fenced Areas	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	79	3.4 7%	5.53		
34	49.2 PV Fenced Areas	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.6 1.2%	1.01		
34	49.2 Shrubland	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	55	0.3 0.6%	0.33		
34	49.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	As	Ashville silt loam	C/D	C	85	0.3 0.7%	0.60		
34	49.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.3 0.7%	0.62		
34	49.2 Wetlands, Woody Wetlands	Cb	Canandaigua silt loam, loamy substratum	C/D	C	85	0.3 0.5%	0.43		
34	49.2 Woods (Fair) Deciduous Forest, Evergreen Forest	Cb	Canandaigua silt loam, loamy substratum	C/D	C	73	3.6 7.3%	5.33	CN	80
34	49.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.2 0.4%	0.32	49.2 acres	
35	62.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.7 1.1%	0.77		
35	62.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.5 0.7%	0.54		
35	62.7 Developed Open Space	Ad	Alden mucky silt loam	C/D	C	78	2.3 3.6%	2.81		
35	62.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.3 16.4%	13.78		
35	62.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	3.6 5.7%	4.50		
35	62.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.8 9.3%	7.81		
35	62.7 PV Fenced Areas	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	79	8.1 12.9%	10.19		
35	62.7 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	15.4 24.5%	20.58		
35	62.7 Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.4 0.7%	0.43		
35	62.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.4 0.7%	0.60		
35	62.7 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	10.5 16.8%	12.26	CN	80
35	62.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	4.7 7.5%	5.93	62.7 acres	
36	60.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0%	0.00		

36	60.9	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.3 0.5%	0.39		
36	60.9	Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.1%	0.09		
36	60.9	Developed Open Space	As	Ashville silt loam	C/D	D	78	0.0 0.1%	0.08		
36	60.9	Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	C	84	3.3 5.4%	4.54		
36	60.9	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	89	0.3 0.4%	0.36		
36	60.9	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.3 2.1%	1.91		
36	60.9	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	1.7 2.8%	2.21		
36	60.9	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	12.7 20.9%	17.56		
36	60.9	PV Fenced Areas	As	Ashville silt loam	C/D	D	79	1.6 2.6%	2.05		
36	60.9	PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	27.6 45.4%	38.14		
36	60.9	Shrubland	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	55	0.1 0.2%	0.11		
36	60.9	Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.0 0.1%	0.06		
36	60.9	Small Grain (Good), Oats	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	87	0.2 0.3%	0.26		
36	60.9	Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.4 0.7%	0.60		
36	60.9	Woods (Fair) Deciduous Forest, Evergreen Forest	DeC	Darien silt loam, 8 to 15 percent slopes	C/D	C	73	2.5 4.1%	2.99		CN
36	60.9	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	8.8 14.5%	11.46		60.9 acres
37	12.1	Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.1 0.5%	0.47		
37	12.1	Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.2 2%	1.68		
37	12.1	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.0 0.1%	0.09		
37	12.1	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.3 19.4%	16.30		
37	12.1	PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	7.9 65.2%	54.77		
37	12.1	Wetlands, Woody Wetlands	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	85	0.1 0.6%	0.51		CN
37	12.1	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	1.5 12.3%	9.72		12.1 acres
38	21.3	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.3 1.3%	1.00		
38	21.3	Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 0.1%	0.09		
38	21.3	Developed Open Space	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	78	0.1 0.6%	0.47		
38	21.3	Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.0 4.9%	4.12		
38	21.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.2 0.7%	0.62		
38	21.3	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.2 1.1%	1.00		
38	21.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.3 1.2%	0.95		
38	21.3	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.3 10.8%	9.07		
38	21.3	PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	5.2 24.3%	19.20		
38	21.3	PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	10.6 49.5%	41.58		
38	21.3	Shrubland	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	62	0.2 0.9%	0.56		
38	21.3	Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.2 1%	0.73		CN
38	21.3	Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.8 3.7%	2.92		21.3 acres
39	27.0	Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.7 2.5%	2.30		
39	27.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	35	0.3 1%	0.35		
39	27.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	56	0.1 0.5%	0.28		
39	27.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	0.1 0.3%	0.21		
39	27.0	Brush-brush, weed, grass mix (Fair)Mixed Forest	ErC	Erie silt loam, 8 to 15 percent slopes	D	D	77	0.5 1.8%	1.39		
39	27.0	Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.2 0.8%	0.74		
39	27.0	Developed Open Space	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	52	1.0 3.8%	1.98		
39	27.0	Developed Open Space	As	Ashville silt loam	C/D	C	78	0.5 1.7%	1.33		
39	27.0	Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.0 11.3%	9.49		
39	27.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CnB	Chenango gravelly loam, 3 to 8 percent slopes	A	A	76	0.1 0.5%	0.38		
39	27.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	Ad	Alden mucky silt loam	C/D	C	89	0.0 0%	0.00		
39	27.0	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.3 1%	0.91		
39	27.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	49	2.1 7.8%	3.82		
39	27.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	69	0.5 2%	1.38		
39	27.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.1 0.4%	0.32		
39	27.0	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.1 11.6%	9.74		
39	27.0	PV Fenced Areas	CnB	Chenango gravelly loam, 3 to 8 percent slopes	A	A	49	1.6 5.8%	2.84		
39	27.0	PV Fenced Areas	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	69	0.0 0.2%	0.14		
39	27.0	PV Fenced Areas	As	Ashville silt loam	C/D	C	79	0.1 0.4%	0.32		
39	27.0	PV Fenced Areas	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	4.8 17.9%	15.04		
39	27.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CnB	Chenango gravelly loam, 3 to 8 percent slopes	A	A	67	0.4 1.3%	0.87		
39	27.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	78	0.1 0.5%	0.39		
39	27.0	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.2 0.8%	0.71		
39	27.0	Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.2 0.8%	0.68		
39	27.0	Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	1.6 5.8%	2.09		
39	27.0	Woods (Fair) Deciduous Forest, Evergreen Forest	Ho	Holderton silt loam, 0 to 3 percent slopes, occasionally flooded 140	B/D	B	60	0.3 1.2%	0.72		
39	27.0	Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	1.2 4.3%	3.14		CN
39	27.0	Woods (Fair) Deciduous Forest, Evergreen Forest	ErC	Erie silt loam, 8 to 15 percent slopes	D	D	79	3.8 14%	11.06		27.0 acres
40	2.8	Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.1 2.1%	1.93		
40	2.8	Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.0 0%	0.00		
40	2.8	Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.1 4.4%	3.70		
40	2.8	Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	91	0.2 8.7%	7.92		
40	2.8	Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.5 19.6%	16.46		
40	2.8	PV Fenced Areas	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.5 53.2%	44.69		
40	2.8	Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.1 4.8%	4.27		CN
40	2.8	Woods (Fair) Deciduous Forest, Evergreen Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	79	0.2 7.2%	5.69		2.8 acres
41	1.6	Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.0 2.3%	2.14		
41	1.6	Developed Medium Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	94	0.0 0%	0.00		
41	1.6	Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.4 22.7%	19.07		

41	1.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.8 49.5%	41.58	CN	84
41	1.6 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.4 25.5%	21.42	1.6 acres	
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	35	1.2 2.5%	0.88		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.2 0.3%	0.17		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.1 0.1%	0.07		
42	46.2 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.2 0.4%	0.31		
42	46.2 Developed Medium Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	94	0.0 0%	0.00		
42	46.2 Developed Open Space	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	52	0.3 0.7%	0.36		
42	46.2 Developed Open Space	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	68	0.2 0.4%	0.27		
42	46.2 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.7 1.5%	1.26		
42	46.2 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.4 0.8%	0.73		
42	46.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	49	0.1 0.3%	0.15		
42	46.2 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.1 4.6%	3.86		
42	46.2 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	4.5 9.6%	6.62		
42	46.2 PV Fenced Areas	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	3.3 7.2%	5.69		
42	46.2 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	17.6 38.1%	32.00		
42	46.2 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.1 0.2%	0.18		
42	46.2 Wetlands, Woody Wetlands	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	85	1.0 2.1%	1.79		
42	46.2 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.8 1.7%	1.45		
42	46.2 Wetlands, Woody Wetlands	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	D	85	2.3 5.1%	4.34		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	36	6.1 13.2%	4.75		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	3.6 7.8%	4.68		
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	0.3 0.6%	0.44	CN	72
42	46.2 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	1.3 2.7%	2.13	46.2 acres	
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	CnC	Chenango gravelly loam, 8 to 15 percent slopes	A	A	35	0.5 3.1%	1.09		
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.0 0.2%	0.11		
43	15.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.6 4.1%	2.87		
43	15.5 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	4.9 31.6%	24.96		
43	15.5 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.8 24.6%	20.66		
43	15.5 Wetlands, Woody Wetlands	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	D	85	0.4 2.7%	2.30		
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	3.2 21%	7.56		
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	0.6 4.2%	2.52	CN	68
43	15.5 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	1.3 8.5%	6.21	15.5 acres	
44	6.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	0.0 0.6%	0.46		
44	6.7 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.2 2.9%	2.70		
44	6.7 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.6 23.1%	19.40		
44	6.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.1 31.9%	26.80		
44	6.7 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.6 38.3%	32.17		
44	6.7 Shrubland	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	62	0.1 0.8%	0.50	CN	84
44	6.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.2 2.4%	2.14	6.7 acres	
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	35	0.1 0.1%	0.04		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	56	1.3 1.5%	0.84		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	1.3 1.5%	1.05		
45	88.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	3.5 4%	3.08		
45	88.3 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.0 0%	0.00		
45	88.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	89	0.4 0.4%	0.36		
45	88.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.4 0.5%	0.46		
45	88.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	2.4 2.7%	2.13		
45	88.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	24.1 27.3%	22.93		
45	88.3 PV Fenced Areas	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	69	0.3 0.4%	0.28		
45	88.3 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	10.5 11.9%	9.40		
45	88.3 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	26.0 29.4%	24.70		
45	88.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	85	0.4 0.4%	0.34		
45	88.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.4 0.4%	0.36		
45	88.3 Wetlands, Woody Wetlands	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	85	0.0 0%	0.00		
45	88.3 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.0 0%	0.00		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	0.8 0.9%	0.32		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	60	4.8 5.5%	3.30		
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	73	5.0 5.7%	4.16	CN	79
45	88.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	6.4 7.2%	5.69	88.3 acres	
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	35	0.7 1.9%	0.67		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	56	0.3 0.8%	0.45		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	70	0.6 1.7%	1.19		
46	36.4 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.0 0.1%	0.08		
46	36.4 Developed Low Intensity	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	90	0.0 0%	0.00		
46	36.4 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.7 2%	1.86		
46	36.4 Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 1.2%	1.13		
46	36.4 Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.1 0.3%	0.23		
46	36.4 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.2 0.6%	0.50		
46	36.4 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	89	0.3 0.9%	0.80		
46	36.4 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.1 0.3%	0.27		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	49	0.8 2.1%	1.03		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	0.0 0.1%	0.07		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	2.6 7.2%	5.69		
46	36.4 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.2 3.3%	2.77		

46	36.4 PV Fenced Areas	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	49	0.2 0.7%	0.34		
46	36.4 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	2.2 6.2%	4.28		
46	36.4 PV Fenced Areas	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	D	79	8.3 22.7%	17.93		
46	36.4 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	C	84	5.0 13.8%	11.59		
46	36.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	67	0.4 1.2%	0.80		
46	36.4 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	85	0.3 0.7%	0.60		
46	36.4 Wetlands, Woody Wetlands	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	85	0.2 0.6%	0.51		
46	36.4 Wetlands, Woody Wetlands	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	85	0.2 0.6%	0.51		
46	36.4 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	1.1 3.1%	2.64		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	4.3 11.9%	4.28		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	60	1.2 3.4%	2.04		
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	2.4 6.7%	4.89	CN	72
46	36.4 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	2.1 5.9%	4.66	36.4 acres	
47	22.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.3 1.3%	0.73		
47	22.0 Developed Open Space	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	78	0.1 0.5%	0.39		
47	22.0 Emergent Herbaceous Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	80	0.2 1%	0.80		
47	22.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	89	0.2 0.8%	0.71		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	49	0.1 0.3%	0.15		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	0.6 2.9%	2.00		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	2.2 10%	7.90		
47	22.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.4 2%	1.68		
47	22.0 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	1.3 5.8%	4.00		
47	22.0 PV Fenced Areas	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	79	8.9 40.2%	31.76		
47	22.0 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.0 22.9%	19.24		
47	22.0 Wetlands, Woody Wetlands	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	85	0.0 0%	0.00		
47	22.0 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.1 0.3%	0.26		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CoB	Chenango channery loam, fan, 3 to 8 percent slopes	A	A	36	0.2 0.8%	0.29		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	2.3 10.2%	6.12		
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	73	0.1 0.6%	0.44	CN	77
47	22.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.0 0.2%	0.16	22.0 acres	
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.2 0.6%	0.34		
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.1 0.4%	0.28		
48	28.8 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	0.0 0%	0.00		
48	28.8 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.3 1.1%	0.98		
48	28.8 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.3 0.9%	0.82		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	0.4 1.2%	0.83		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	0.2 0.6%	0.47		
48	28.8 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	0.4 1.4%	1.18		
48	28.8 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	0.1 0.5%	0.35		
48	28.8 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	11.0 38.1%	30.10		
48	28.8 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	13.2 45.9%	38.56		
48	28.8 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.0 0.1%	0.09		
48	28.8 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.0 0%	0.00		
48	28.8 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.0 0%	0.00		
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	1.0 3.4%	2.04		
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	1.2 4.2%	3.07	CN	80
48	28.8 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.4 1.5%	1.19	28.8 acres	
49	8.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.2 2%	1.12		
49	8.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0.1%	0.07		
49	8.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.1 1.5%	1.28		
49	8.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	BsC	Busti silt loam, 8 to 15 percent slopes	C/D	C	89	0.0 0.4%	0.36		
49	8.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	91	0.1 0.8%	0.73		
49	8.3 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	1.6 19.2%	13.25		
49	8.3 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	2.0 23.7%	18.72		
49	8.3 PV Fenced Areas	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	84	2.2 26.8%	22.51		
49	8.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	78	0.0 0.1%	0.08		
49	8.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.0 0%	0.00		
49	8.3 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.5 5.5%	4.68		
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	0.1 0.8%	0.29		
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	60	1.6 19.2%	11.52	CN	75
49	8.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.0 0%	0.00	8.3 acres	
50	8.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	56	0.0 0.2%	0.11		
50	8.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0.2%	0.14		
50	8.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.1 0.7%	0.55		
50	8.0 PV Fenced Areas	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	69	1.8 22.7%	15.66		
50	8.0 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	2.9 36.6%	28.91		
50	8.0 PV Fenced Areas	FmB	Fremont silt loam, 3 to 8 percent slopes	D	D	84	1.4 17%	14.28		
50	8.0 Wetlands, Woody Wetlands	ChC	Chadakoin silt loam, 8 to 15 percent slopes	B	B	85	0.0 0.3%	0.26		
50	8.0 Wetlands, Woody Wetlands	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	D	85	0.0 0%	0.00		
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	36	0.2 2.3%	0.83		
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	60	0.9 11.4%	6.84	CN	74
50	8.0 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	0.7 8.6%	6.28	8.0 acres	
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoin silt loam, 25 to 35 percent slopes	B	B	56	0.0 0%	0.00		
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	1.0 1%	0.70		
51	95.3 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	1.3 1.3%	1.00		



51	95.3 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	0.7 0.7%	0.59		
51	95.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	85	0.4 0.4%	0.34		
51	95.3 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.3 0.3%	0.27		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	69	0.0 0%	0.00		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkB	Chautauqua silt loam, 3 to 8 percent slopes	C/D	C	79	6.0 6.3%	4.98		
51	95.3 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	14.6 15.4%	12.94		
51	95.3 PV Fenced Areas	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	69	8.9 9.3%	6.42		
51	95.3 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	16.6 17.4%	13.75		
51	95.3 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	6.0 6.2%	5.21		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	78	0.0 0%	0.00		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	85	0.0 0%	0.00		
51	95.3 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	0.0 0%	0.00		
51	95.3 Wetlands, Woody Wetlands	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	85	0.1 0.1%	0.09		
51	95.3 Wetlands, Woody Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	85	0.0 0%	0.00		
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	6.3 6.6%	3.96		
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	7.9 8.3%	6.06	CN	77
51	95.3 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	25.2 26.5%	20.94	95.3 acres	
52	3.9 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChC	Chadakoil silt loam, 8 to 15 percent slopes	B	B	56	0.0 0.8%	0.45		
52	3.9 PV Fenced Areas	ChB	Chadakoil silt loam, 3 to 8 percent slopes	B	B	69	3.4 86.8%	59.89		
52	3.9 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	0.1 2.1%	1.66		
52	3.9 Wetlands, Woody Wetlands	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	85	0.1 1.9%	1.62	CN	69
52	3.9 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	0.3 8.4%	5.04	3.9 acres	
53	13.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.1 0.5%	0.28		
53	13.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	70	0.0 0.3%	0.21		
53	13.1 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	89	0.1 0.8%	0.71		
53	13.1 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.0 0.4%	0.36		
53	13.1 PV Fenced Areas	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	69	0.0 0.1%	0.07		
53	13.1 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	6.9 52.4%	41.40		
53	13.1 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	2.3 17.9%	15.04		
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	0.3 2.6%	1.56		
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	73	3.3 24.9%	18.18	CN	78
53	13.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	0.0 0.1%	0.08	13.1 acres	
54	88.0 Barren	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	92	1.3 1.5%	1.38		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	2.4 2.7%	1.51		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	Ad	Alden mucky silt loam	C/D	C	70	0.3 0.4%	0.28		
54	88.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	4.0 4.5%	3.47		
54	88.0 Developed Low Intensity	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	93	0.4 0.5%	0.47		
54	88.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	5.1 5.8%	4.87		
54	88.0 Emergent Herbaceous Wetlands	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	80	0.4 0.5%	0.40		
54	88.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	85	0.1 0.1%	0.09		
54	88.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	89	0.2 0.2%	0.18		
54	88.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.4 0.5%	0.46		
54	88.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	Ad	Alden mucky silt loam	C/D	C	79	0.0 0%	0.00		
54	88.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	19.5 22.1%	18.56		
54	88.0 PV Fenced Areas	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	69	1.4 1.6%	1.10		
54	88.0 PV Fenced Areas	CkC	Chautauqua silt loam, 8 to 15 percent slopes	C/D	C	79	2.6 3%	2.37		
54	88.0 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.9 2.2%	1.85		
54	88.0 Small Grain (Good), Oats	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	87	0.2 0.3%	0.26		
54	88.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	89	1.0 1.2%	1.07		
54	88.0 Wetlands, Woody Wetlands	Ad	Alden mucky silt loam	C/D	D	85	0.7 0.7%	0.60		
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	7.3 8.3%	4.98		
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	Ad	Alden mucky silt loam	C/D	C	73	9.2 10.5%	7.67	CN	78
54	88.0 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	29.3 33.4%	26.39	88.0 acres	
55	21.6 Barren	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	92	0.2 1%	0.92		
55	21.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.1 0.3%	0.17		
55	21.6 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.2 1%	0.77		
55	21.6 Developed Open Space	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	1.1 4.9%	4.12		
55	21.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	79	0.0 0.2%	0.16		
55	21.6 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	4.4 20.2%	16.97		
55	21.6 PV Fenced Areas	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	69	0.1 0.7%	0.48		
55	21.6 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	11.8 54.7%	45.95		
55	21.6 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.4 1.6%	1.42		
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	0.9 4.1%	2.46		
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	0.0 0%	0.00	CN	82
55	21.6 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	2.5 11.4%	9.01	21.6 acres	
56	7.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	77	0.2 2.4%	1.85		
56	7.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	1.0 13.4%	11.26		
56	7.5 PV Fenced Areas	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.8 51.3%	43.09	CN	82
56	7.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	2.5 32.9%	25.99	7.5 acres	
57	23.1 Barren	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	92	0.2 1%	0.92		
57	23.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.0 0.1%	0.06		
57	23.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	70	0.4 1.7%	1.19		
57	23.1 Brush-brush, weed, grass mix (Fair)Mixed Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	77	0.2 0.8%	0.62		
57	23.1 Developed Open Space	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	0.5 2%	1.68		
57	23.1 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	91	0.3 1.2%	1.09		

57	23.1 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	79	0.4 1.9%	1.50		
57	23.1 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	4.2 18.2%	15.29		
57	23.1 PV Fenced Areas	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	79	0.0 0%	0.00		
57	23.1 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	5.3 22.9%	19.24		
57	23.1 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	89	0.5 2.1%	1.87		
57	23.1 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	0.6 2.6%	1.56		
57	23.1 Woods (Fair) Deciduous Forest, Evergreen Forest	CkD	Chautauqua silt loam, 15 to 25 percent slopes	C/D	C	73	7.2 31.3%	22.85	CN	79
57	23.1 Woods (Fair) Deciduous Forest, Evergreen Forest	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	79	3.3 14.3%	11.30	23.1 acres	
58	59.0 Barren	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	81	0.0 0%	0.00		
58	59.0 Barren	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	92	0.4 0.7%	0.64		
58	59.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	56	0.0 0%	0.00		
58	59.0 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	1.2 2%	1.54		
58	59.0 Developed High Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.2 0.4%	0.38		
58	59.0 Developed Low Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	93	0.4 0.8%	0.74		
58	59.0 Developed Medium Intensity	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	94	0.4 0.8%	0.75		
58	59.0 Developed Open Space	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	68	0.3 0.5%	0.34		
58	59.0 Developed Open Space	As	Ashville silt loam	C/D	C	78	0.0 0%	0.00		
58	59.0 Developed Open Space	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	3.0 5.1%	4.28		
58	59.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	As	Ashville silt loam	C/D	C	89	0.0 0%	0.00		
58	59.0 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	1.4 2.3%	2.09		
58	59.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	1.3 2.3%	1.82		
58	59.0 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	8.7 14.7%	12.35		
58	59.0 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	1.4 2.4%	1.90		
58	59.0 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	23.6 40%	33.60		
58	59.0 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	1.1 1.9%	1.69		
58	59.0 Wetlands, Woody Wetlands	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	85	0.2 0.4%	0.34		
58	59.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ChE	Chadakoil silt loam, 25 to 35 percent slopes	B	B	60	4.4 7.5%	4.50		
58	59.0 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	1.0 1.7%	1.24	CN	81
58	59.0 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	9.8 16.7%	13.19	59.0 acres	
59	66.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	1.5 2.2%	1.54		
59	66.5 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	2.7 4.1%	3.16		
59	66.5 Emergent Herbaceous Wetlands	As	Ashville silt loam	C/D	D	80	0.6 0.9%	0.72		
59	66.5 Inverter Pads/Gravel Access Roads/O&M Bldg/Substation/Switchyard	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	91	0.5 0.7%	0.64		
59	66.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	As	Ashville silt loam	C/D	C	79	1.3 2%	1.58		
59	66.5 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	84	17.0 25.5%	21.42		
59	66.5 PV Fenced Areas	As	Ashville silt loam	C/D	C	79	0.2 0.3%	0.24		
59	66.5 PV Fenced Areas	LnB	Langford silt loam, 3 to 8 percent slopes	D	D	84	10.0 15.1%	12.68		
59	66.5 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	89	0.8 1.2%	1.07		
59	66.5 Water	Ad	Alden mucky silt loam	C/D	D	98	0.1 0.1%	0.10		
59	66.5 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	6.3 9.5%	8.08		
59	66.5 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	10.8 16.3%	11.90	CN	81
59	66.5 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	14.7 22.1%	17.46	66.5 acres	
60	30.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	35	0.1 0.29%	0.10		
60	30.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	As	Ashville silt loam	C/D	C	70	2.2 7.29%	5.10		
60	30.7 Brush-brush, weed, grass mix (Fair)Mixed Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	77	4.3 13.92%	10.72		
60	30.7 Emergent Herbaceous Wetlands	Ad	Alden mucky silt loam	C/D	D	80	1.4 4.48%	3.58		
60	30.7 Pasture, Grassland or Range (Fair), Other Hay/Non Alfalfa	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	0.1 0.32%	0.27		
60	30.7 PV Fenced Areas	LnC	Langford silt loam, 8 to 15 percent slopes	D	D	84	2.0 6.59%	5.53		
60	30.7 Straight Row Crop (Good) Alfalfa, Corn, Soybeans	Ad	Alden mucky silt loam	C/D	C	85	0.2 0.72%	0.61		
60	30.7 Water	Fe	Fluvaquents-Udifluvents complex, frequently flooded	A/D	A	98	0.0 0.05%	0.05		
60	30.7 Water	Ad	Alden mucky silt loam	C/D	C	98	0.7 2.19%	2.15		
60	30.7 Water	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	98	0.3 1.06%	1.04		
60	30.7 Wetlands, Woody Wetlands	As	Ashville silt loam	C/D	D	85	6.2 20.06%	17.05		
60	30.7 Woods (Fair) Deciduous Forest, Evergreen Forest	As	Ashville silt loam	C/D	C	73	4.7 15.39%	11.23	CN	79
60	30.7 Woods (Fair) Deciduous Forest, Evergreen Forest	ErB	Erie silt loam, 3 to 8 percent slopes	D	D	79	8.5 27.65%	21.84	30.7 acres	

acre total sum totals  
3341.08 3341.08

**DA 1**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1532      1530
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>34.2</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1980	START Z    END Z
Watercourse slope, %	2.27	1530      1485
Surface Description	woods	
Velocity, ft/s	0.76	
<b>Sh. Conc. Flow time, min</b>	<b>43.5</b>	
<b>TIME OF CONC., mins</b>	<b>77.7</b>	

**DA 2**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1533      1530
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>29.1</b>	
SHALLOW CONC. FLOW		
Flow length, ft	2300	START Z    END Z
Watercourse slope, %	2.17	1530      1480
Surface Description	woods/pasture	
Velocity, ft/s	0.88	
<b>Sh. Conc. Flow time, min</b>	<b>43.4</b>	
<b>TIME OF CONC., mins</b>	<b>72.4</b>	

**DA 3**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1527      1525
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>34.2</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1866	START Z    END Z
Watercourse slope, %	2.68	1525      1475
Surface Description	woods/row crops	
Velocity, ft/s	1.13	
<b>Sh. Conc. Flow time, min</b>	<b>27.5</b>	
<b>TIME OF CONC., mins</b>	<b>61.7</b>	

**DA 4**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1533      1530
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1985	START Z    END Z
Watercourse slope, %	3.78	1530      1455
Surface Description	woods/row crops	
Velocity, ft/s	1.34	
<b>Sh. Conc. Flow time, min</b>	<b>24.7</b>	
<b>TIME OF CONC., mins</b>	<b>44.0</b>	

**DA 5**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1463      1460
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1050	START Z    END Z
Watercourse slope, %	3.33	1460      1425
Surface Description	row crops	
Velocity, ft/s	1.60	
<b>Sh. Conc. Flow time, min</b>	<b>10.9</b>	
<b>TIME OF CONC., mins</b>	<b>30.3</b>	

**DA 6**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1533      1530
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	2490	START Z    END Z
Watercourse slope, %	3.21	1530      1450
Surface Description	woods/row crops	
Velocity, ft/s	1.24	
<b>Sh. Conc. Flow time, min</b>	<b>33.6</b>	
<b>TIME OF CONC., mins</b>	<b>52.9</b>	

**DA 7**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1570
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	475	START Z	END Z
Watercourse slope, %	4.21	1570	1550
Surface Description	woods		
Velocity, ft/s	1.03		
<b>Sh. Conc. Flow time, min</b>	<b>7.7</b>		
<b>TIME OF CONC., mins</b>	<b>41.9</b>		

**DA 8**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1570
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1385	START Z	END Z
Watercourse slope, %	3.25	1570	1525
Surface Description	woods		
Velocity, ft/s	0.91		
<b>Sh. Conc. Flow time, min</b>	<b>25.4</b>		
<b>TIME OF CONC., mins</b>	<b>59.6</b>		

**DA 9**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1573	1570
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2205	START Z	END Z
Watercourse slope, %	2.95	1570	1505
Surface Description	woods/row crops		
Velocity, ft/s	1.18		
<b>Sh. Conc. Flow time, min</b>	<b>31.0</b>		
<b>TIME OF CONC., mins</b>	<b>50.4</b>		

**DA 10  
EXISTING CONDITIONS  
SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1510      1505
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>15.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	845	START Z    END Z
Watercourse slope, %	4.73	1505      1465
Surface Description	row crops	
Velocity, ft/s	1.91	
<b>Sh. Conc. Flow time, min</b>	<b>7.4</b>	
<b>TIME OF CONC., mins</b>	<b>23.1</b>	

**DA 11  
EXISTING CONDITIONS  
SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1572      1555
Land slope, %	11.33	
<b>Sheet flow time, min</b>	<b>14.5</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1270	START Z    END Z
Watercourse slope, %	5.51	1555      1485
Surface Description	woods	
Velocity, ft/s	1.18	
<b>Sh. Conc. Flow time, min</b>	<b>17.9</b>	
<b>TIME OF CONC., mins</b>	<b>32.4</b>	

**DA 12  
EXISTING CONDITIONS  
SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1572      1567
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>23.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	520	START Z    END Z
Watercourse slope, %	7.12	1567      1530
Surface Description	woods	
Velocity, ft/s	1.34	
<b>Sh. Conc. Flow time, min</b>	<b>6.5</b>	
<b>TIME OF CONC., mins</b>	<b>30.2</b>	

**DA 13**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1455
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	475	START Z	END Z
Watercourse slope, %	4.21	1455	1435
Surface Description	woods/row crops		
Velocity, ft/s	1.42		
<b>Sh. Conc. Flow time, min</b>	<b>5.6</b>		
<b>TIME OF CONC., mins</b>	<b>28.3</b>		

**DA 14**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1510	START Z	END Z
Watercourse slope, %	2.65	1485	1445
Surface Description	woods		
Velocity, ft/s	0.82		
<b>Sh. Conc. Flow time, min</b>	<b>30.7</b>		
<b>TIME OF CONC., mins</b>	<b>53.5</b>		

**DA 15**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1430	START Z	END Z
Watercourse slope, %	2.45	1485	1450
Surface Description	woods		
Velocity, ft/s	0.79		
<b>Sh. Conc. Flow time, min</b>	<b>30.3</b>		
<b>TIME OF CONC., mins</b>	<b>64.5</b>		

**DA 16**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1456
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1625	START Z	END Z
Watercourse slope, %	1.60	1456	1430
Surface Description	row crops		
Velocity, ft/s	1.11		
<b>Sh. Conc. Flow time, min</b>	<b>24.4</b>		
<b>TIME OF CONC., mins</b>	<b>54.4</b>		

**DA 17**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1290	START Z	END Z
Watercourse slope, %	2.33	1485	1455
Surface Description	woods/row crops		
Velocity, ft/s	1.05		
<b>Sh. Conc. Flow time, min</b>	<b>20.4</b>		
<b>TIME OF CONC., mins</b>	<b>43.2</b>		

**DA 18**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1512	1510
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1505	START Z	END Z
Watercourse slope, %	3.99	1510	1450
Surface Description	woods		
Velocity, ft/s	1.00		
<b>Sh. Conc. Flow time, min</b>	<b>25.0</b>		
<b>TIME OF CONC., mins</b>	<b>59.2</b>		



**DA 19**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1477	1475
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	500	START Z	END Z
Watercourse slope, %	7.00	1475	1440
Surface Description	woods		
Velocity, ft/s	1.33		
<b>Sh. Conc. Flow time, min</b>	<b>6.3</b>		
<b>TIME OF CONC., mins</b>	<b>40.5</b>		

**DA 20**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1447	1445
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2090	START Z	END Z
Watercourse slope, %	2.39	1445	1395
Surface Description	woods/pasture		
Velocity, ft/s	0.93		
<b>Sh. Conc. Flow time, min</b>	<b>37.6</b>		
<b>TIME OF CONC., mins</b>	<b>60.3</b>		

**DA 21**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1485	1480
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2350	START Z	END Z
Watercourse slope, %	5.32	1480	1355
Surface Description	woods/pasture		
Velocity, ft/s	1.38		
<b>Sh. Conc. Flow time, min</b>	<b>28.3</b>		
<b>TIME OF CONC., mins</b>	<b>44.1</b>		

**DA 22**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1342	1335
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>20.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1170	START Z	END Z
Watercourse slope, %	7.69	1335	1245
Surface Description	woods		
Velocity, ft/s	1.40		
<b>Sh. Conc. Flow time, min</b>	<b>14.0</b>		
<b>TIME OF CONC., mins</b>	<b>34.7</b>		

**DA 23**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1445	1440
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	525	START Z	END Z
Watercourse slope, %	9.52	1440	1390
Surface Description	woods		
Velocity, ft/s	1.55		
<b>Sh. Conc. Flow time, min</b>	<b>5.6</b>		
<b>TIME OF CONC., mins</b>	<b>21.4</b>		

**DA 24**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1585	1580
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1570	START Z	END Z
Watercourse slope, %	6.05	1580	1485
Surface Description	woods/row crops		
Velocity, ft/s	1.70		
<b>Sh. Conc. Flow time, min</b>	<b>15.4</b>		
<b>TIME OF CONC., mins</b>	<b>31.2</b>		

**DA 25**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1497      1495
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>22.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	2110	START Z    END Z
Watercourse slope, %	1.90	1495      1455
Surface Description	row crops	
Velocity, ft/s	1.21	
<b>Sh. Conc. Flow time, min</b>	<b>29.2</b>	
<b>TIME OF CONC., mins</b>	<b>51.9</b>	

**DA 26**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1577      1575
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>22.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1900	START Z    END Z
Watercourse slope, %	4.21	1575      1495
Surface Description	woods/row crops	
Velocity, ft/s	1.42	
<b>Sh. Conc. Flow time, min</b>	<b>22.4</b>	
<b>TIME OF CONC., mins</b>	<b>45.1</b>	

**DA 27**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1547      1540
Land slope, %	4.67	
<b>Sheet flow time, min</b>	<b>13.8</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1070	START Z    END Z
Watercourse slope, %	8.88	1540      1445
Surface Description	woods/row crops	
Velocity, ft/s	2.06	
<b>Sh. Conc. Flow time, min</b>	<b>8.7</b>	
<b>TIME OF CONC., mins</b>	<b>22.4</b>	

**DA 28**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z END Z
2-Yr 24-Hr rainfall, in	3.34	1577 1570
Land slope, %	4.67	
<b>Sheet flow time, min</b>	<b>13.8</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1070	START Z END Z
Watercourse slope, %	6.54	1570 1500
Surface Description	row crops	
Velocity, ft/s	2.24	
<b>Sh. Conc. Flow time, min</b>	<b>8.0</b>	
<b>TIME OF CONC., mins</b>	<b>21.7</b>	

**DA 29**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z END Z
2-Yr 24-Hr rainfall, in	3.34	1552 1550
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>34.2</b>	
SHALLOW CONC. FLOW		
Flow length, ft	325	START Z END Z
Watercourse slope, %	6.15	1550 1530
Surface Description	woods/row crops	
Velocity, ft/s	1.71	
<b>Sh. Conc. Flow time, min</b>	<b>3.2</b>	
<b>TIME OF CONC., mins</b>	<b>37.4</b>	

**DA 30**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z END Z
2-Yr 24-Hr rainfall, in	3.34	1567 1565
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>22.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	585	START Z END Z
Watercourse slope, %	4.79	1565 1537
Surface Description	woods	
Velocity, ft/s	1.10	
<b>Sh. Conc. Flow time, min</b>	<b>8.9</b>	
<b>TIME OF CONC., mins</b>	<b>31.6</b>	

**DA 31**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1592      1590
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>22.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	576	START Z    END Z
Watercourse slope, %	6.08	1590      1555
Surface Description	row crops	
Velocity, ft/s	2.16	
<b>Sh. Conc. Flow time, min</b>	<b>4.4</b>	
<b>TIME OF CONC., mins</b>	<b>27.2</b>	

**DA 32**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1602      1600
Land slope, %	1.33	
<b>Sheet flow time, min</b>	<b>34.2</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1150	START Z    END Z
Watercourse slope, %	4.35	1600      1550
Surface Description	woods/row crops	
Velocity, ft/s	1.44	
<b>Sh. Conc. Flow time, min</b>	<b>13.3</b>	
<b>TIME OF CONC., mins</b>	<b>47.5</b>	

**DA 33**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1620      1610
Land slope, %	6.67	
<b>Sheet flow time, min</b>	<b>11.9</b>	
SHALLOW CONC. FLOW		
Flow length, ft	830	START Z    END Z
Watercourse slope, %	7.23	1610      1550
Surface Description	woods	
Velocity, ft/s	1.35	
<b>Sh. Conc. Flow time, min</b>	<b>10.2</b>	
<b>TIME OF CONC., mins</b>	<b>22.2</b>	

**DA 34**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1625	1620
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	620	START Z	END Z
Watercourse slope, %	8.87	1620	1565
Surface Description	row crops		
Velocity, ft/s	2.61		
<b>Sh. Conc. Flow time, min</b>	<b>4.0</b>		
<b>TIME OF CONC., mins</b>	<b>19.7</b>		

**DA 35**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1625	1615
Land slope, %	6.67		
<b>Sheet flow time, min</b>	<b>11.9</b>		
SHALLOW CONC. FLOW			
Flow length, ft	3230	START Z	END Z
Watercourse slope, %	5.57	1615	1435
Surface Description	woods/pasture		
Velocity, ft/s	1.42		
<b>Sh. Conc. Flow time, min</b>	<b>38.0</b>		
<b>TIME OF CONC., mins</b>	<b>50.0</b>		

**DA 36**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1626	1624
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	3230	START Z	END Z
Watercourse slope, %	3.99	1624	1495
Surface Description	row crops		
Velocity, ft/s	1.75		
<b>Sh. Conc. Flow time, min</b>	<b>30.7</b>		
<b>TIME OF CONC., mins</b>	<b>53.5</b>		

**DA 37**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1547      1540
Land slope, %	4.67	
<b>Sheet flow time, min</b>	<b>13.8</b>	
SHALLOW CONC. FLOW		
Flow length, ft	575	START Z    END Z
Watercourse slope, %	5.22	1540      1510
Surface Description	row crops	
Velocity, ft/s	2.00	
<b>Sh. Conc. Flow time, min</b>	<b>4.8</b>	
<b>TIME OF CONC., mins</b>	<b>18.6</b>	

**DA 38**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1520      1515
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>15.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1053	START Z    END Z
Watercourse slope, %	6.65	1515      1445
Surface Description	row crops	
Velocity, ft/s	2.26	
<b>Sh. Conc. Flow time, min</b>	<b>7.8</b>	
<b>TIME OF CONC., mins</b>	<b>23.5</b>	

**DA 39**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1512      1511
Land slope, %	0.67	
<b>Sheet flow time, min</b>	<b>30.0</b>	
SHALLOW CONC. FLOW		
Flow length, ft	970	START Z    END Z
Watercourse slope, %	7.32	1511      1440
Surface Description	woods/row crops	
Velocity, ft/s	1.87	
<b>Sh. Conc. Flow time, min</b>	<b>8.7</b>	
<b>TIME OF CONC., mins</b>	<b>38.6</b>	

**DA 40**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1512      1500
Land slope, %	8.00	
<b>Sheet flow time, min</b>	<b>11.1</b>	
SHALLOW CONC. FLOW		
Flow length, ft	335	START Z    END Z
Watercourse slope, %	2.99	1500      1490
Surface Description	row crops	
Velocity, ft/s	1.51	
<b>Sh. Conc. Flow time, min</b>	<b>3.7</b>	
<b>TIME OF CONC., mins</b>	<b>14.8</b>	

**DA 41**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1512      1511
Land slope, %	0.67	
<b>Sheet flow time, min</b>	<b>30.0</b>	
SHALLOW CONC. FLOW		
Flow length, ft	250	START Z    END Z
Watercourse slope, %	3.60	1511      1502
Surface Description	row crops	
Velocity, ft/s	1.66	
<b>Sh. Conc. Flow time, min</b>	<b>2.5</b>	
<b>TIME OF CONC., mins</b>	<b>32.5</b>	

**DA 42**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1500      1495
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>15.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	750	START Z    END Z
Watercourse slope, %	7.33	1495      1440
Surface Description	woods/pasture	
Velocity, ft/s	1.62	
<b>Sh. Conc. Flow time, min</b>	<b>7.7</b>	
<b>TIME OF CONC., mins</b>	<b>23.4</b>	



**DA 43**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1495	1490
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1210	START Z	END Z
Watercourse slope, %	8.68	1490	1385
Surface Description	woods		
Velocity, ft/s	1.48		
<b>Sh. Conc. Flow time, min</b>	<b>13.6</b>		
<b>TIME OF CONC., mins</b>	<b>29.4</b>		

**DA 44**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1536	1530
Land slope, %	4.00		
<b>Sheet flow time, min</b>	<b>14.6</b>		
SHALLOW CONC. FLOW			
Flow length, ft	595	START Z	END Z
Watercourse slope, %	5.88	1530	1495
Surface Description	row crops		
Velocity, ft/s	2.13		
<b>Sh. Conc. Flow time, min</b>	<b>4.7</b>		
<b>TIME OF CONC., mins</b>	<b>19.3</b>		

**DA 45**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1537	1530
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1865	START Z	END Z
Watercourse slope, %	3.22	1530	1470
Surface Description	woods/row crops		
Velocity, ft/s	1.24		
<b>Sh. Conc. Flow time, min</b>	<b>25.1</b>		
<b>TIME OF CONC., mins</b>	<b>38.9</b>		

**DA 46**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1485	1480
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1251	START Z	END Z
Watercourse slope, %	8.79	1480	1370
Surface Description	row crops		
Velocity, ft/s	2.60		
<b>Sh. Conc. Flow time, min</b>	<b>8.0</b>		
<b>TIME OF CONC., mins</b>	<b>23.8</b>		

**DA 47**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1518	1517
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2255	START Z	END Z
Watercourse slope, %	6.08	1517	1380
Surface Description	row crops		
Velocity, ft/s	2.16		
<b>Sh. Conc. Flow time, min</b>	<b>17.4</b>		
<b>TIME OF CONC., mins</b>	<b>47.4</b>		

**DA 48**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1495	1490
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1485	START Z	END Z
Watercourse slope, %	6.73	1490	1390
Surface Description	row crops		
Velocity, ft/s	2.27		
<b>Sh. Conc. Flow time, min</b>	<b>10.9</b>		
<b>TIME OF CONC., mins</b>	<b>26.6</b>		

**DA 49**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1435
Land slope, %	14.67		
<b>Sheet flow time, min</b>	<b>8.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	630	START Z	END Z
Watercourse slope, %	11.90	1435	1360
Surface Description	row crops		
Velocity, ft/s	3.02		
<b>Sh. Conc. Flow time, min</b>	<b>3.5</b>		
<b>TIME OF CONC., mins</b>	<b>12.2</b>		

**DA 50**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1460	1453
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	905	START Z	END Z
Watercourse slope, %	7.51	1453	1385
Surface Description	row crops		
Velocity, ft/s	2.40		
<b>Sh. Conc. Flow time, min</b>	<b>6.3</b>		
<b>TIME OF CONC., mins</b>	<b>20.0</b>		

**DA 51**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1573	1565
Land slope, %	5.33		
<b>Sheet flow time, min</b>	<b>13.1</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2400	START Z	END Z
Watercourse slope, %	3.96	1565	1470
Surface Description	woods		
Velocity, ft/s	1.00		
<b>Sh. Conc. Flow time, min</b>	<b>40.0</b>		
<b>TIME OF CONC., mins</b>	<b>53.0</b>		

**DA 52**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1460      1457
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	740	START Z    END Z
Watercourse slope, %	5.00	1457      1420
Surface Description	row crops	
Velocity, ft/s	1.96	
<b>Sh. Conc. Flow time, min</b>	<b>6.3</b>	
<b>TIME OF CONC., mins</b>	<b>25.6</b>	

**DA 53**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1515      1510
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>23.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	570	START Z    END Z
Watercourse slope, %	5.26	1510      1480
Surface Description	woods	
Velocity, ft/s	1.15	
<b>Sh. Conc. Flow time, min</b>	<b>8.2</b>	
<b>TIME OF CONC., mins</b>	<b>31.9</b>	

**DA 54**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1573      1569
Land slope, %	2.67	
<b>Sheet flow time, min</b>	<b>17.2</b>	
SHALLOW CONC. FLOW		
Flow length, ft	2235	START Z    END Z
Watercourse slope, %	3.53	1569      1490
Surface Description	woods/pasture	
Velocity, ft/s	1.13	
<b>Sh. Conc. Flow time, min</b>	<b>33.0</b>	
<b>TIME OF CONC., mins</b>	<b>50.3</b>	

**DA 55**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1570	1567
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1255	START Z	END Z
Watercourse slope, %	7.33	1567	1475
Surface Description	woods/row crops		
Velocity, ft/s	1.87		
<b>Sh. Conc. Flow time, min</b>	<b>11.2</b>		
<b>TIME OF CONC., mins</b>	<b>30.5</b>		

**DA 56**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1600	1597
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	425	START Z	END Z
Watercourse slope, %	6.35	1597	1570
Surface Description	row crops		
Velocity, ft/s	2.21		
<b>Sh. Conc. Flow time, min</b>	<b>3.2</b>		
<b>TIME OF CONC., mins</b>	<b>22.5</b>		

**DA 57**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -T<sub>c</sub> CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1593	1590
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>29.1</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1195	START Z	END Z
Watercourse slope, %	6.28	1590	1515
Surface Description	woods/row crops		
Velocity, ft/s	1.73		
<b>Sh. Conc. Flow time, min</b>	<b>11.5</b>		
<b>TIME OF CONC., mins</b>	<b>40.6</b>		

**DA 58**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1598      1595
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	876	START Z    END Z
Watercourse slope, %	6.28	1595      1540
Surface Description	woods/pasture	
Velocity, ft/s	1.50	
<b>Sh. Conc. Flow time, min</b>	<b>9.7</b>	
<b>TIME OF CONC., mins</b>	<b>29.0</b>	

**DA 59**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.24	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1598      1595
Land slope, %	2.00	
<b>Sheet flow time, min</b>	<b>19.3</b>	
SHALLOW CONC. FLOW		
Flow length, ft	1470	START Z    END Z
Watercourse slope, %	3.40	1595      1545
Surface Description	woods/pasture	
Velocity, ft/s	1.11	
<b>Sh. Conc. Flow time, min</b>	<b>22.2</b>	
<b>TIME OF CONC., mins</b>	<b>41.5</b>	

**DA 60**  
**EXISTING CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW		
Manning's n	0.4	
Flow length, ft	150	START Z    END Z
2-Yr 24-Hr rainfall, in	3.34	1575      1570
Land slope, %	3.33	
<b>Sheet flow time, min</b>	<b>23.7</b>	
SHALLOW CONC. FLOW		
Flow length, ft	650	START Z    END Z
Watercourse slope, %	3.85	1570      1545
Surface Description	woods	
Velocity, ft/s	0.99	
<b>Sh. Conc. Flow time, min</b>	<b>11.0</b>	
<b>TIME OF CONC., mins</b>	<b>34.7</b>	

**DA 1**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

unpaved  
paved

SHEET FLOW	
Manning's n	0.4
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	1.33
<b>Sheet flow time, min</b>	<b>34.2</b>
SHALLOW CONC. FLOW	
Flow length, ft	1980
Watercourse slope, %	2.27
Surface Description	woods/pasture
Velocity, ft/s	0.90
<b>Sh. Conc. Flow time, min</b>	<b>36.5</b>
<b>TIME OF CONC., mins</b>	<b>70.7</b>

START Z    END Z  
1532       1530

START Z    END Z  
1530       1485

**DA 2**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW	
Manning's n	0.4
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	2.00
<b>Sheet flow time, min</b>	<b>29.1</b>
SHALLOW CONC. FLOW	
Flow length, ft	2300
Watercourse slope, %	2.17
Surface Description	woods/row crops
Velocity, ft/s	1.02
<b>Sh. Conc. Flow time, min</b>	<b>37.7</b>
<b>TIME OF CONC., mins</b>	<b>66.8</b>

START Z    END Z  
1533       1530

START Z    END Z  
1530       1480

**DA 3**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW	
Manning's n	0.4
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	1.33
<b>Sheet flow time, min</b>	<b>34.2</b>
SHALLOW CONC. FLOW	
Flow length, ft	1866
Watercourse slope, %	2.68
Surface Description	woods/pasture
Velocity, ft/s	0.98
<b>Sh. Conc. Flow time, min</b>	<b>31.7</b>
<b>TIME OF CONC., mins</b>	<b>65.9</b>

START Z    END Z  
1527       1525

START Z    END Z  
1525       1475

**DA 4  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1533	1530
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1985	START Z	END Z
Watercourse slope, %	3.78	1530	1455
Surface Description	woods/pasture		
Velocity, ft/s	1.17		
<b>Sh. Conc. Flow time, min</b>	<b>28.4</b>		
<b>TIME OF CONC., mins</b>	<b>47.7</b>		

**DA 5  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1463	1460
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1050	START Z	END Z
Watercourse slope, %	3.33	1460	1425
Surface Description	row crops		
Velocity, ft/s	1.60		
<b>Sh. Conc. Flow time, min</b>	<b>10.9</b>		
<b>TIME OF CONC., mins</b>	<b>30.3</b>		

**DA 6  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1533	1530
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2490	START Z	END Z
Watercourse slope, %	3.21	1530	1450
Surface Description	woods/pasture		
Velocity, ft/s	1.07		
<b>Sh. Conc. Flow time, min</b>	<b>38.6</b>		
<b>TIME OF CONC., mins</b>	<b>57.9</b>		



**DA 7**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1570
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	475	START Z	END Z
Watercourse slope, %	4.21	1570	1550
Surface Description	woods/pasture		
Velocity, ft/s	1.23		
<b>Sh. Conc. Flow time, min</b>	<b>6.4</b>		
<b>TIME OF CONC., mins</b>	<b>29.2</b>		

**DA 8**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1570
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1385	START Z	END Z
Watercourse slope, %	3.25	1570	1525
Surface Description	woods/pasture		
Velocity, ft/s	1.08		
<b>Sh. Conc. Flow time, min</b>	<b>21.4</b>		
<b>TIME OF CONC., mins</b>	<b>44.1</b>		

**DA 9**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1573	1570
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2205	START Z	END Z
Watercourse slope, %	2.95	1570	1505
Surface Description	woods/pasture		
Velocity, ft/s	1.03		
<b>Sh. Conc. Flow time, min</b>	<b>35.7</b>		
<b>TIME OF CONC., mins</b>	<b>55.0</b>		

**DA 10  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1510	1505
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	845	1505	1465
Watercourse slope, %	4.73		
Surface Description	pasture		
Velocity, ft/s	1.51		
<b>Sh. Conc. Flow time, min</b>	<b>9.3</b>		
<b>TIME OF CONC., mins</b>	<b>25.0</b>		

**DA 11  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1555
Land slope, %	11.33		
<b>Sheet flow time, min</b>	<b>9.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1270	1555	1485
Watercourse slope, %	5.51		
Surface Description	woods/pasture		
Velocity, ft/s	1.41		
<b>Sh. Conc. Flow time, min</b>	<b>15.0</b>		
<b>TIME OF CONC., mins</b>	<b>24.7</b>		

unpaved  
paved

**DA 12  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1572	1567
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	520	1567	1530
Watercourse slope, %	7.12		
Surface Description	pasture		
Velocity, ft/s	1.86		
<b>Sh. Conc. Flow time, min</b>	<b>4.7</b>		
<b>TIME OF CONC., mins</b>	<b>20.4</b>		

**DA 13  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1455
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	475	START Z	END Z
Watercourse slope, %	4.21	1455	1435
Surface Description	pasture		
Velocity, ft/s	1.43		
<b>Sh. Conc. Flow time, min</b>	<b>5.5</b>		
<b>TIME OF CONC., mins</b>	<b>28.3</b>		

**DA 14  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1510	START Z	END Z
Watercourse slope, %	2.65	1485	1445
Surface Description	pasture		
Velocity, ft/s	1.13		
<b>Sh. Conc. Flow time, min</b>	<b>22.2</b>		
<b>TIME OF CONC., mins</b>	<b>44.9</b>		

**DA 15  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1430	START Z	END Z
Watercourse slope, %	2.45	1485	1450
Surface Description	woods/pasture		
Velocity, ft/s	0.94		
<b>Sh. Conc. Flow time, min</b>	<b>25.4</b>		
<b>TIME OF CONC., mins</b>	<b>59.6</b>		

**DA 16**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1456
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1625	1456	1430
Watercourse slope, %	1.60		
Surface Description	pasture/row crops		
Velocity, ft/s	0.99		
<b>Sh. Conc. Flow time, min</b>	<b>27.2</b>		
<b>TIME OF CONC., mins</b>	<b>57.2</b>		

**DA 17**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1487	1485
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1290	1485	1455
Watercourse slope, %	2.33		
Surface Description	woods/pasture		
Velocity, ft/s	0.91		
<b>Sh. Conc. Flow time, min</b>	<b>23.5</b>		
<b>TIME OF CONC., mins</b>	<b>46.2</b>		

**DA 18**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1512	1510
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>34.2</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1505	1510	1450
Watercourse slope, %	3.99		
Surface Description	woods/pasture		
Velocity, ft/s	1.20		
<b>Sh. Conc. Flow time, min</b>	<b>20.9</b>		
<b>TIME OF CONC., mins</b>	<b>55.1</b>		

**DA 19  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1477	1475
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	500	START Z	END Z
Watercourse slope, %	7.00	1475	1440
Surface Description	woods/pasture		
Velocity, ft/s	1.59		
<b>Sh. Conc. Flow time, min</b>	<b>5.3</b>		
<b>TIME OF CONC., mins</b>	<b>28.0</b>		

**DA 20  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1447	1445
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2090	START Z	END Z
Watercourse slope, %	2.39	1445	1395
Surface Description	pasture/row crops		
Velocity, ft/s	1.22		
<b>Sh. Conc. Flow time, min</b>	<b>28.6</b>		
<b>TIME OF CONC., mins</b>	<b>51.4</b>		

**DA 21  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1485	1480
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2350	START Z	END Z
Watercourse slope, %	5.32	1480	1355
Surface Description	pasture/row crops		
Velocity, ft/s	1.81		
<b>Sh. Conc. Flow time, min</b>	<b>21.6</b>		
<b>TIME OF CONC., mins</b>	<b>37.3</b>		

unpaved  
paved

**DA 22**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1342	1335
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1170	1335	1245
Watercourse slope, %	7.69		
Surface Description	woods/pasture		
Velocity, ft/s	1.66		
<b>Sh. Conc. Flow time, min</b>	<b>11.7</b>		
<b>TIME OF CONC., mins</b>	<b>25.5</b>		

**DA 23**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1445	1440
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	525	1440	1390
Watercourse slope, %	9.52		
Surface Description	woods/pasture		
Velocity, ft/s	1.85		
<b>Sh. Conc. Flow time, min</b>	<b>4.7</b>		
<b>TIME OF CONC., mins</b>	<b>20.5</b>		

**DA 24**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1585	1580
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1570	1580	1485
Watercourse slope, %	6.05		
Surface Description	woods/pasture		
Velocity, ft/s	1.48		
<b>Sh. Conc. Flow time, min</b>	<b>17.7</b>		
<b>TIME OF CONC., mins</b>	<b>33.5</b>		

**DA 25**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1497	1495
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2110	START Z	END Z
Watercourse slope, %	1.90	1495	1455
Surface Description	woods/pasture		
Velocity, ft/s	0.83		
<b>Sh. Conc. Flow time, min</b>	<b>42.6</b>		
<b>TIME OF CONC., mins</b>	<b>65.3</b>		

**DA 26**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1577	1575
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1900	START Z	END Z
Watercourse slope, %	4.21	1575	1495
Surface Description	pasture/row crops		
Velocity, ft/s	1.61		
<b>Sh. Conc. Flow time, min</b>	<b>19.6</b>		
<b>TIME OF CONC., mins</b>	<b>42.4</b>		

**DA 27**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1547	1540
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1070	START Z	END Z
Watercourse slope, %	8.88	1540	1445
Surface Description	pasture		
Velocity, ft/s	2.07		
<b>Sh. Conc. Flow time, min</b>	<b>8.6</b>		
<b>TIME OF CONC., mins</b>	<b>22.4</b>		

**DA 28**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1577	1570
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1070	START Z	END Z
Watercourse slope, %	6.54	1570	1500
Surface Description	pasture/row crops		
Velocity, ft/s	2.01		
<b>Sh. Conc. Flow time, min</b>	<b>8.9</b>		
<b>TIME OF CONC., mins</b>	<b>22.6</b>		

**DA 29**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1552	1550
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	325	START Z	END Z
Watercourse slope, %	6.15	1550	1530
Surface Description	pasture/row crops		
Velocity, ft/s	1.95		
<b>Sh. Conc. Flow time, min</b>	<b>2.8</b>		
<b>TIME OF CONC., mins</b>	<b>25.5</b>		

**DA 30**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1567	1565
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	585	START Z	END Z
Watercourse slope, %	4.79	1565	1537
Surface Description	woods/pasture		
Velocity, ft/s	1.31		
<b>Sh. Conc. Flow time, min</b>	<b>7.4</b>		
<b>TIME OF CONC., mins</b>	<b>30.2</b>		



**DA 31**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

unpaved  
paved

SHEET FLOW	
Manning's n	0.24
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	1.33
<b>Sheet flow time, min</b>	<b>22.7</b>
SHALLOW CONC. FLOW	
Flow length, ft	576
Watercourse slope, %	6.08
Surface Description	pasture
Velocity, ft/s	1.72
<b>Sh. Conc. Flow time, min</b>	<b>5.6</b>
<b>TIME OF CONC., mins</b>	<b>28.3</b>

START Z END Z  
1592 1590

START Z END Z  
1590 1555

**DA 32**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW	
Manning's n	0.4
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	1.33
<b>Sheet flow time, min</b>	<b>34.2</b>
SHALLOW CONC. FLOW	
Flow length, ft	1150
Watercourse slope, %	4.35
Surface Description	pasture
Velocity, ft/s	1.45
<b>Sh. Conc. Flow time, min</b>	<b>13.2</b>
<b>TIME OF CONC., mins</b>	<b>47.4</b>

START Z END Z  
1602 1600

START Z END Z  
1600 1550

**DA 33**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW	
Manning's n	0.24
Flow length, ft	150
2-Yr 24-Hr rainfall, in	3.34
Land slope, %	6.67
<b>Sheet flow time, min</b>	<b>11.9</b>
SHALLOW CONC. FLOW	
Flow length, ft	830
Watercourse slope, %	7.23
Surface Description	woods/pasture
Velocity, ft/s	1.61
<b>Sh. Conc. Flow time, min</b>	<b>8.6</b>
<b>TIME OF CONC., mins</b>	<b>20.5</b>

START Z END Z  
1620 1610

START Z END Z  
1610 1550

**DA 34**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1625	1620
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
<b>SHALLOW CONC. FLOW</b>			
Flow length, ft	620	START Z	END Z
Watercourse slope, %	8.87	1620	1565
Surface Description	pasture/row crops		
Velocity, ft/s	2.34		
<b>Sh. Conc. Flow time, min</b>	<b>4.4</b>		
<b>TIME OF CONC., mins</b>	<b>20.2</b>		

**DA 35**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1625	1615
Land slope, %	6.67		
<b>Sheet flow time, min</b>	<b>11.9</b>		
<b>SHALLOW CONC. FLOW</b>			
Flow length, ft	3230	START Z	END Z
Watercourse slope, %	5.57	1615	1435
Surface Description	woods/pasture		
Velocity, ft/s	1.42		
<b>Sh. Conc. Flow time, min</b>	<b>38.0</b>		
<b>TIME OF CONC., mins</b>	<b>50.0</b>		

**DA 36**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1626	1624
Land slope, %	1.33		
<b>Sheet flow time, min</b>	<b>22.7</b>		
<b>SHALLOW CONC. FLOW</b>			
Flow length, ft	3230	START Z	END Z
Watercourse slope, %	3.99	1624	1495
Surface Description	woods/pasture		
Velocity, ft/s	1.20		
<b>Sh. Conc. Flow time, min</b>	<b>44.9</b>		
<b>TIME OF CONC., mins</b>	<b>67.6</b>		

**DA 37**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1547	1540
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	575	START Z	END Z
Watercourse slope, %	5.22	1540	1510
Surface Description	pasture		
Velocity, ft/s	1.59		
<b>Sh. Conc. Flow time, min</b>	<b>6.0</b>		
<b>TIME OF CONC., mins</b>	<b>19.8</b>		

**DA 38**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1520	1515
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1053	START Z	END Z
Watercourse slope, %	6.65	1515	1445
Surface Description	pasture		
Velocity, ft/s	1.80		
<b>Sh. Conc. Flow time, min</b>	<b>9.8</b>		
<b>TIME OF CONC., mins</b>	<b>25.5</b>		

**DA 39**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1512	1511
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW			
Flow length, ft	970	START Z	END Z
Watercourse slope, %	7.32	1511	1440
Surface Description	woods/pasture		
Velocity, ft/s	1.62		
<b>Sh. Conc. Flow time, min</b>	<b>10.0</b>		
<b>TIME OF CONC., mins</b>	<b>39.9</b>		

**DA 40**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1512	1500
Land slope, %	8.00		
<b>Sheet flow time, min</b>	<b>11.1</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	335	1500	1490
Watercourse slope, %	2.99		
Surface Description	pasture		
Velocity, ft/s	1.20		
<b>Sh. Conc. Flow time, min</b>	<b>4.6</b>		
<b>TIME OF CONC., mins</b>	<b>15.7</b>		

**DA 41**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1512	1511
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	250	1511	1502
Watercourse slope, %	3.60		
Surface Description	pasture		
Velocity, ft/s	1.32		
<b>Sh. Conc. Flow time, min</b>	<b>3.2</b>		
<b>TIME OF CONC., mins</b>	<b>33.1</b>		

unpaved  
paved

**DA 42**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1500	1495
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	750	1495	1440
Watercourse slope, %	7.33		
Surface Description	woods/pasture		
Velocity, ft/s	1.62		
<b>Sh. Conc. Flow time, min</b>	<b>7.7</b>		
<b>TIME OF CONC., mins</b>	<b>23.4</b>		

**DA 43**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1495	1490
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1210	1490	1385
Watercourse slope, %	8.68		
Surface Description	pasture		
Velocity, ft/s	2.05		
<b>Sh. Conc. Flow time, min</b>	<b>9.8</b>		
<b>TIME OF CONC., mins</b>	<b>25.6</b>		

**DA 44**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1536	1530
Land slope, %	4.00		
<b>Sheet flow time, min</b>	<b>14.6</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	595	1530	1495
Watercourse slope, %	5.88		
Surface Description	pasture		
Velocity, ft/s	1.69		
<b>Sh. Conc. Flow time, min</b>	<b>5.9</b>		
<b>TIME OF CONC., mins</b>	<b>20.5</b>		

**DA 45**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1537	1530
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1865	1530	1470
Watercourse slope, %	3.22		
Surface Description	pasture		
Velocity, ft/s	1.25		
<b>Sh. Conc. Flow time, min</b>	<b>24.9</b>		
<b>TIME OF CONC., mins</b>	<b>38.7</b>		

**DA 46**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1485	1480
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1251	1480	1370
Watercourse slope, %	8.79		
Surface Description	pasture		
Velocity, ft/s	2.06		
<b>Sh. Conc. Flow time, min</b>	<b>10.1</b>		
<b>TIME OF CONC., mins</b>	<b>25.8</b>		

**DA 47**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1518	1517
Land slope, %	0.67		
<b>Sheet flow time, min</b>	<b>30.0</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	2255	1517	1380
Watercourse slope, %	6.08		
Surface Description	pasture		
Velocity, ft/s	1.72		
<b>Sh. Conc. Flow time, min</b>	<b>21.9</b>		
<b>TIME OF CONC., mins</b>	<b>51.9</b>		

**DA 48**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1495	1490
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1485	1490	1390
Watercourse slope, %	6.73		
Surface Description	pasture		
Velocity, ft/s	1.81		
<b>Sh. Conc. Flow time, min</b>	<b>13.7</b>		
<b>TIME OF CONC., mins</b>	<b>29.4</b>		

**DA 49  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1457	1435
Land slope, %	14.67		
<b>Sheet flow time, min</b>	<b>8.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	630	START Z	END Z
Watercourse slope, %	11.90	1435	1360
Surface Description	pasture		
Velocity, ft/s	2.40		
<b>Sh. Conc. Flow time, min</b>	<b>4.4</b>		
<b>TIME OF CONC., mins</b>	<b>13.1</b>		

**DA 50  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1460	1453
Land slope, %	4.67		
<b>Sheet flow time, min</b>	<b>13.8</b>		
SHALLOW CONC. FLOW			
Flow length, ft	905	START Z	END Z
Watercourse slope, %	7.51	1453	1385
Surface Description	pasture		
Velocity, ft/s	1.91		
<b>Sh. Conc. Flow time, min</b>	<b>7.9</b>		
<b>TIME OF CONC., mins</b>	<b>21.7</b>		

**DA 51  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1573	1565
Land slope, %	5.33		
<b>Sheet flow time, min</b>	<b>13.1</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2400	START Z	END Z
Watercourse slope, %	3.96	1565	1470
Surface Description	woods/pasture		
Velocity, ft/s	1.19		
<b>Sh. Conc. Flow time, min</b>	<b>33.5</b>		
<b>TIME OF CONC., mins</b>	<b>46.6</b>		

unpaved  
paved

**DA 52  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1460	1457
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	740	START Z	END Z
Watercourse slope, %	5.00	1457	1420
Surface Description	pasture		
Velocity, ft/s	1.56		
<b>Sh. Conc. Flow time, min</b>	<b>7.9</b>		
<b>TIME OF CONC., mins</b>	<b>27.2</b>		

**DA 53  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1515	1510
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>15.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	570	START Z	END Z
Watercourse slope, %	5.26	1510	1480
Surface Description	woods/pasture		
Velocity, ft/s	1.38		
<b>Sh. Conc. Flow time, min</b>	<b>6.9</b>		
<b>TIME OF CONC., mins</b>	<b>22.7</b>		

**DA 54  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1573	1569
Land slope, %	2.67		
<b>Sheet flow time, min</b>	<b>17.2</b>		
SHALLOW CONC. FLOW			
Flow length, ft	2235	START Z	END Z
Watercourse slope, %	3.53	1569	1490
Surface Description	pasture/row crops		
Velocity, ft/s	1.48		
<b>Sh. Conc. Flow time, min</b>	<b>25.2</b>		
<b>TIME OF CONC., mins</b>	<b>42.4</b>		



**DA 55**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1570	1567
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1255	1567	1475
Watercourse slope, %	7.33		
Surface Description	pasture		
Velocity, ft/s	1.88		
<b>Sh. Conc. Flow time, min</b>	<b>11.1</b>		
<b>TIME OF CONC., mins</b>	<b>30.4</b>		

**DA 56**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1600	1597
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	425	1597	1570
Watercourse slope, %	6.35		
Surface Description	pasture		
Velocity, ft/s	1.75		
<b>Sh. Conc. Flow time, min</b>	<b>4.0</b>		
<b>TIME OF CONC., mins</b>	<b>23.4</b>		

**DA 57**  
**PROPOSED CONDITIONS**  
**SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1593	1590
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>29.1</b>		
SHALLOW CONC. FLOW		START Z	END Z
Flow length, ft	1195	1590	1515
Watercourse slope, %	6.28		
Surface Description	woods/pasture		
Velocity, ft/s	1.50		
<b>Sh. Conc. Flow time, min</b>	<b>13.3</b>		
<b>TIME OF CONC., mins</b>	<b>42.3</b>		

**DA 58  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1598	1595
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	876	START Z	END Z
Watercourse slope, %	6.28	1595	1540
Surface Description	woods/pasture		
Velocity, ft/s	1.50		
<b>Sh. Conc. Flow time, min</b>	<b>9.7</b>		
<b>TIME OF CONC., mins</b>	<b>29.0</b>		

**DA 59  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.24		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1598	1595
Land slope, %	2.00		
<b>Sheet flow time, min</b>	<b>19.3</b>		
SHALLOW CONC. FLOW			
Flow length, ft	1470	START Z	END Z
Watercourse slope, %	3.40	1595	1545
Surface Description	woods/pasture		
Velocity, ft/s	1.11		
<b>Sh. Conc. Flow time, min</b>	<b>22.2</b>		
<b>TIME OF CONC., mins</b>	<b>41.5</b>		

**DA 60  
PROPOSED CONDITIONS  
SITE EXISTING BYPASS -Tc CALCULATIONS**

SHEET FLOW			
Manning's n	0.4		
Flow length, ft	150	START Z	END Z
2-Yr 24-Hr rainfall, in	3.34	1575	1570
Land slope, %	3.33		
<b>Sheet flow time, min</b>	<b>23.7</b>		
SHALLOW CONC. FLOW			
Flow length, ft	650	START Z	END Z
Watercourse slope, %	3.85	1570	1545
Surface Description	woods/pasture		
Velocity, ft/s	1.18		
<b>Sh. Conc. Flow time, min</b>	<b>9.2</b>		
<b>TIME OF CONC., mins</b>	<b>32.9</b>		

Basin Number	Pre-Develop. CN	Post-Develop. CN	Time of Concentration (Pre)	Time of Concentration (Post)	1 Year Peak Flow (Pre-Develop.) (cfs)	1 Year Peak Flow (Post-Develop.) (cfs)	2 Year Peak Flow (Pre-Develop.) (cfs)	2 Year Peak Flow (Post-Develop.) (cfs)	10 Year Peak Flow (Pre-Develop.) (cfs)	10 Year Peak Flow (Post-Develop.) (cfs)	100 Year Peak Flow (Pre-Develop.) (cfs)	100 Year Peak Flow (Post-Develop.) (cfs)
1	81	82	77.7	70.7	10.69	12.46	15.67	17.98	32.43	36.25	61.42	67.47
2	80	81	72.4	66.8	10.19	11.75	15.2	17.21	32.14	35.59	61.78	67.35
3	80	81	61.7	65.9	15.86	15.68	23.59	23.01	49.77	47.52	95.59	89.94
8	76	79	50.4	44.1	10.69	15.54	17.16	23.49	40.38	50.8	82.82	98.97
<b>1, 2, 3, 8</b>					<b>47.43</b>	<b>55.43</b>	<b>71.62</b>	<b>81.69</b>	<b>154.72</b>	<b>170.16</b>	<b>301.61</b>	<b>323.73</b>
4	76	77	44.0	47.7	32.68	33.98	52.49	53.35	122.97	121.84	251.75	245.52
5	82	82	30.3	30.3	9.47	9.47	13.6	13.6	27.21	27.21	50.4	50.4
6	77	78	52.9	57.9	31.97	32.82	50.27	50.58	114.69	112.16	231.25	222.5
7	73	76	41.9	29.2	2.1	3.76	3.63	6.02	9.4	13.98	20.34	28.46
9	80	79	59.6	55.0	26.94	26.28	40.1	39.75	84.62	86.09	162.28	167.97
10	82	81	23.1	25.0	19.34	17.06	27.69	24.8	55.15	50.54	101.77	94.73
<b>9, 10</b>					<b>46.28</b>	<b>43.34</b>	<b>67.79</b>	<b>64.55</b>	<b>139.77</b>	<b>136.63</b>	<b>264.05</b>	<b>262.70</b>
11	74	76	32.4	24.7	12.41	18.53	20.9	29.53	51.87	68.27	109.86	138.58
12	73	77	30.2	20.4	3.27	6.54	5.66	10.16	14.54	22.7	31.31	45.13
13	79	81	28.3	28.3	9.6	11.14	14.43	16.21	90.91	33.13	59.94	62.3
14	79	83	53.5	44.9	10.25	16.01	15.55	22.74	33.63	44.76	65.57	82.1
<b>13, 14</b>					<b>19.85</b>	<b>27.15</b>	<b>29.98</b>	<b>38.95</b>	<b>124.54</b>	<b>77.89</b>	<b>125.51</b>	<b>144.40</b>
15	79	80	64.5	59.6	14.4	16.67	21.84	24.8	47.3	52.35	92.32	100.39
16	83	83	54.4	57.2	27.77	26.76	39.47	38.03	77.83	74.97	142.85	137.68
17	80	81	43.2	46.2	26.84	27.67	39.87	40.49	83.93	83.31	160.81	157.28
18	79	80	59.2	55.1	79.11	90.56	119.52	134.74	258.59	284.96	504.73	547.17
19	78	81	40.5	28.0	3.51	5.84	5.41	8.5	11.96	17.39	23.69	32.65
20	80	81	60.3	51.4	134.95	164.61	200.89	240.95	424.1	497.37	814.25	939.9
<b>17 - 20</b>					<b>244.41</b>	<b>288.68</b>	<b>365.69</b>	<b>424.68</b>	<b>778.58</b>	<b>883.03</b>	<b>1,503.48</b>	<b>1,677.00</b>
21	73	75	44.1	37.3	36.09	50.73	62.35	83.27	161.16	200.63	349.91	417.54
22	73	75	34.7	25.5	8.62	13.4	14.9	21.88	38.49	52.2	83.09	107.89
23	68	70	21.4	20.5	14.2	19.9	29.65	38.08	94.14	108.58	223.98	246.22
<b>21 - 23</b>					<b>58.91</b>	<b>84.03</b>	<b>106.90</b>	<b>143.23</b>	<b>293.79</b>	<b>361.41</b>	<b>656.98</b>	<b>771.65</b>
24	80	80	31.2	33.5	100.69	95.88	149.37	142.13	312.95	298.14	597.48	569.8
25	82	82	51.9	65.3	69.51	58.6	100.22	84.58	202.19	170.63	376.4	317.92
26	82	83	45.1	42.4	93.46	105.44	134.62	149.72	270.78	294.55	503.88	539.4
<b>24 - 26</b>					<b>263.66</b>	<b>259.92</b>	<b>384.21</b>	<b>376.43</b>	<b>785.92</b>	<b>763.32</b>	<b>1,477.76</b>	<b>1,427.12</b>
27	81	82	22.4	22.4	25.62	27.6	37.2	39.49	75.64	48.56	141.53	144.87
28	84	84	21.7	22.6	18.14	17.7	25.27	24.67	48.21	47.11	86.38	84.45
29	78	79	37.4	25.5	18.33	26.09	28.19	39.19	62.27	83.72	123.01	161.85
30	81	83	31.6	30.2	30.2	36.7	44.65	51.96	91.59	101.76	172.28	185.71
31	83	83	27.2	28.3	7.69	7.47	10.87	10.58	21.27	20.72	38.76	38.79
32	80	83	47.5	47.4	19.62	24.77	29.16	35.18	61.36	69.27	117.64	126.94
33	77	78	22.2	20.5	30.09	34.69	46.99	52.83	105.32	115.01	209.74	225
<b>32 - 33</b>					<b>49.71</b>	<b>59.46</b>	<b>76.15</b>	<b>88.01</b>	<b>166.68</b>	<b>184.28</b>	<b>327.38</b>	<b>351.94</b>
34	80	80	19.7	20.2	37.42	36.88	55.04	54.26	114.1	112.54	216.77	213.4
35	80	80	50.0	50.0	25.18	25.18	37.53	37.53	79.14	79.14	151.81	151.81
38	82	82	23.5	25.5	16.87	16.04	24.21	22.98	48.24	45.84	89.04	84.7
<b>35, 38</b>					<b>42.05</b>	<b>41.22</b>	<b>61.74</b>	<b>60.51</b>	<b>127.38</b>	<b>124.98</b>	<b>240.85</b>	<b>236.51</b>
36	82	83	53.5	67.6	27.3	24.66	39.37	35.08	79.31	69.39	147.6	127.5
37	83	84	18.6	19.8	11.88	12.24	16.74	17.03	32.49	32.51	58.92	58.2
39	72	73	38.6	39.9	5.87	6.46	10.45	11.17	28.03	28.87	61.83	62.57
40	84	85	14.8	15.7	3.31	3.43	4.6	4.7	8.71	8.75	150.54	15.41
41	84	84	32.5	33.1	1.18	1.17	1.65	1.63	3.18	3.14	5.73	5.66
<b>39 - 41</b>					<b>10.36</b>	<b>11.06</b>	<b>16.70</b>	<b>17.50</b>	<b>39.92</b>	<b>40.76</b>	<b>218.10</b>	<b>83.64</b>
42	70	72	23.4	23.4	10.99	14.35	20.98	25.45	60.24	67.17	137.59	147.1
43	65	68	29.4	25.6	1.31	2.54	3.26	5.31	12.6	16.97	32.94	40.61
44	84	84	19.3	20.5	6.87	6.65	9.59	9.25	18.26	17.63	32.67	31.57
45	79	79	38.9	38.7	39.17	39.28	59.14	59.42	127.38	128.03	247.73	248.98
<b>42 - 45</b>					<b>58.34</b>	<b>62.82</b>	<b>92.97</b>	<b>99.43</b>	<b>218.48</b>	<b>229.80</b>	<b>450.93</b>	<b>468.26</b>
46	71	72	23.8	25.8	18.66	19.35	30.88	31.48	71.6	71.25	158.62	155
47	75	77	47.4	51.9	9.78	10.65	15.08	15.91	32.09	32.53	67.01	65.93
48	78	80	26.6	29.4	24.03	25.59	35.19	36.54	69.75	69.92	138.17	134.86
49	71	75	12.2	13.1	6.38	8.49	10.35	12.83	23.41	26.55	50.85	54.23
50	70	74	20.0	21.7	4.19	5.67	7.06	8.81	16.74	18.9	37.51	39.64
51	76	77	53.0	46.6	42.18	49.9	64.04	74.52	133.51	151.92	274.64	307.51
<b>46 - 51</b>					<b>105.22</b>	<b>119.65</b>	<b>162.60</b>	<b>180.09</b>	<b>347.10</b>	<b>371.07</b>	<b>726.80</b>	<b>757.17</b>
52	65	69	25.6	27.2	0.95	1.49	1.89	2.6	5.45	6.44	13.64	14.82
53	74	78	31.9	22.7	7.15	12.1	11.18	17.68	24.24	34.95	51.22	69.06
<b>52, 53</b>					<b>8.10</b>	<b>13.59</b>	<b>13.07</b>	<b>20.28</b>	<b>29.69</b>	<b>41.39</b>	<b>64.86</b>	<b>83.88</b>
54	77	78	50.3	42.4	43.59	53.06	65.09	78.07	132.8	155.89	269.11	310.66
55	82	82	30.5	30.4	21.2	21.22	29.59	29.62	54.71	54.77	102.73	102.85
57	79	79	40.6	42.3	15.38	14.91	22.31	21.63	43.66	42.35	85.7	83.19
<b>54, 55, 57</b>					<b>80.17</b>	<b>89.19</b>	<b>116.99</b>	<b>129.32</b>	<b>231.17</b>	<b>253.01</b>	<b>457.54</b>	<b>496.70</b>
56	81	82	22.5	23.4	8.43	8.73	11.87	12.15	22.22	22.39	42.11	41.92
58	81	81	29.0	29.0	56.31	56.31	79.47	79.47	149.4	149.4	284.83	284.83
<b>56, 58</b>					<b>64.74</b>	<b>65.04</b>	<b>91.34</b>	<b>91.62</b>	<b>171.62</b>	<b>171.79</b>	<b>326.94</b>	<b>326.75</b>
59	80	81	41.5	41.5	46.58	49.62	66.72	70.21	128.21	132.54	248.2	253.06
60	79	79	34.7	32.9	22.83	23.71	33.08	34.33	64.63	67.02	126.67	131.48
<b>59, 60</b>					<b>69.41</b>	<b>73.33</b>	<b>99.80</b>	<b>104.54</b>	<b>192.84</b>	<b>199.56</b>	<b>374.87</b>	<b>384.54</b>
<b>Total:</b>					<b>1,479.29</b>	<b>1,631.78</b>	<b>2,222.74</b>	<b>2,419.16</b>	<b>4,792.89</b>	<b>5,018.87</b>	<b>9,432.99</b>	<b>9,779.42</b>

## TEMPORARY STORMWATER MANAGEMENT AREA SIZING TABLE

Basin Number	Drainage Area (Ac.)	10 Year Peak Flow (Pre-Development) (cfs)	Grading Area (Ac.)	Sediment Storage Surface Area (.01*Q-10 yr), Ac.	Sediment Storage Surface Area (.015*DA), Ac.	Surface Area Req'd (ft^2)	Length	Width	L:W Ratio	Length	Width	L:W Ratio
4A	4.4	6.7	1.2	0.07	0.07	2932	77	38	2:1	94	31	3:1
4B	6.0	9.1	1.3	0.09	0.09	3960	89	44	2:1	109	36	3:1
4C	6.9	10.4	1.6	0.10	0.10	4536	95	48	2:1	117	39	3:1
7A	1.0	1.2	0.2	0.01	0.02	508	32	16	2:1	39	13	3:1
7B	0.6	0.7	0.1	0.01	0.01	319	25	13	2:1	31	10	3:1
8+9	7.2	11.9	1.2	0.12	0.11	5199	102	51	2:1	125	42	3:1
9A	8.7	16.7	0.9	0.17	0.13	7272	121	60	2:1	148	49	3:1
9B	3.2	6.1	0.3	0.06	0.05	2641	73	36	2:1	89	30	3:1
9C	4.8	9.3	0.5	0.09	0.07	4032	90	45	2:1	110	37	3:1
11A	4.9	8.7	2.5	0.09	0.07	3806	87	44	2:1	107	36	3:1
11B	0.8	1.5	2.5	0.01	0.01	648	36	18	2:1	44	15	3:1
12A	5.5	8.0	2.6	0.08	0.08	3495	84	42	2:1	102	34	3:1
15A	3.9	5.2	0.5	0.05	0.06	2283	68	34	2:1	83	28	3:1
18-A	1.2	1.7	0.1	0.02	0.02	734	38	19	2:1	47	16	3:1
18B	7.5	10.2	1.8	0.10	0.11	4881	99	49	2:1	121	40	3:1
18C	8.8	12.0	3.6	0.12	0.13	5729	107	54	2:1	131	44	3:1
18D	10.7	10.2	1.8	0.10	0.16	6969	118	59	2:1	145	48	3:1
19A	2.9	4.3	1.3	0.04	0.04	1915	62	31	2:1	76	25	3:1
20-A	0.9	1.4	0.1	0.01	0.01	621	35	18	2:1	43	14	3:1
20-B	9.9	15.5	3.2	0.16	0.15	6758	116	58	2:1	142	47	3:1
20-C	1.1	1.8	0.4	0.02	0.02	778	39	20	2:1	48	16	3:1
20-D	6.8	10.6	4.0	0.11	0.10	4635	96	48	2:1	118	39	3:1
20-E	2.0	3.1	0.5	0.03	0.03	1353	52	26	2:1	64	21	3:1
20-F	5.2	8.1	4.8	0.08	0.08	3539	84	42	2:1	103	34	3:1
20-G	2.3	3.6	2.0	0.04	0.03	1557	56	28	2:1	68	23	3:1
20-H	5.3	8.3	2.6	0.08	0.08	3611	85	42	2:1	104	35	3:1
20-I	3.2	5.1	1.3	0.05	0.05	2215	67	33	2:1	82	27	3:1
20-J	0.8	1.2	0.2	0.01	0.01	526	32	16	2:1	40	13	3:1
20-K	5.0	7.9	0.2	0.08	0.08	3423	83	41	2:1	101	34	3:1
20-L	3.4	5.3	0.5	0.05	0.05	2320	68	34	2:1	83	28	3:1
20-M	3.5	5.5	0.5	0.06	0.05	2397	69	35	2:1	85	28	3:1
20-N	1.7	2.7	0.3	0.03	0.03	1193	49	24	2:1	60	20	3:1
20-O	2.8	4.4	0.3	0.04	0.04	1934	62	31	2:1	76	25	3:1

Basin Number	Drainage Area (Ac.)	10 Year Peak Flow (Pre-Development) (cfs)	Grading Area (Ac.)	Sediment Storage Surface Area (.01*Q-10 yr), Ac.	Sediment Storage Surface Area (.015*DA), Ac.	Surface Area Req'd (ft^2)	Length	Width	L:W Ratio	Length	Width	L:W Ratio
21-A	0.8	1.2	9.9	0.01	0.01	506	32	16	2:1	39	13	3:1
21-B	1.8	2.6	0.8	0.03	0.03	1192	49	24	2:1	60	20	3:1
21-C	3.4	4.9	0.5	0.05	0.05	2239	67	33	2:1	82	27	3:1
21-D	1.1	1.5	8.9	0.01	0.02	689	37	19	2:1	45	15	3:1
21E	4.6	6.6	1.3	0.07	0.07	2867	76	38	2:1	93	31	3:1
21F	0.7	1.0	0.1	0.01	0.01	441	30	15	2:1	36	12	3:1
21+23	7.4	10.6	2.6	0.11	0.11	4597	96	48	2:1	117	39	3:1
22-A	4.1	6.0	0.2	0.06	0.06	2635	73	36	2:1	89	30	3:1
22-B	4.4	6.5	1.4	0.06	0.07	2827	75	38	2:1	92	31	3:1
22-C	11.1	16.3	3.6	0.16	0.17	7118	119	60	2:1	146	49	3:1
23-A	4.0	5.5	2.2	0.05	0.06	2393	69	35	2:1	85	28	3:1
23-B	0.5	0.7	0.4	0.01	0.01	317	25	13	2:1	31	10	3:1
23-C	2.2	3.1	1.8	0.03	0.03	1353	52	26	2:1	64	21	3:1
23-D	3.8	5.3	1.8	0.05	0.06	2295	68	34	2:1	83	28	3:1
24-A	10.5	22.7	1.5	0.23	0.16	9899	141	70	2:1	172	57	3:1
25-A	4.1	6.8	6.4	0.07	0.06	2959	77	38	2:1	94	31	3:1
25-B	9.0	14.8	5.5	0.15	0.14	6427	113	57	2:1	139	46	3:1
25-C	5.4	8.9	4.0	0.09	0.08	3862	88	44	2:1	108	36	3:1
25-D	1.0	1.7	0.8	0.02	0.02	731	38	19	2:1	47	16	3:1
25-E	5.4	8.9	0.2	0.09	0.08	3885	88	44	2:1	108	36	3:1
25-F	0.9	1.5	0.2	0.02	0.01	660	36	18	2:1	44	15	3:1
26-A	3.3	6.2	2.7	0.06	0.05	2693	73	37	2:1	90	30	3:1
26-B	5.4	10.0	0.8	0.10	0.08	4346	93	47	2:1	114	38	3:1
26-C	11.4	21.1		0.21	0.17	9182	136	68	2:1	166	55	3:1
26-D	7.4	13.8	0.3	0.14	0.11	5993	109	55	2:1	134	45	3:1
26E	1.1	2.1	0.3	0.02	0.02	924	43	21	2:1	53	18	3:1
27-A	12.8	33.0	5.7	0.33	0.19	14354	169	85	2:1	208	69	3:1
27-B	3.2	8.3	0.1	0.08	0.05	3622	85	43	2:1	104	35	3:1
28-A	10.4	29.3	1.3	0.29	0.16	12758	160	80	2:1	196	65	3:1
29-A	1.8	2.6	0.3	0.03	0.03	1136	48	24	2:1	58	19	3:1
29-B	0.9	1.3	0.3	0.01	0.01	588	34	17	2:1	42	14	3:1
30-A	5.8	12.1	0.4	0.12	0.09	5256	103	51	2:1	126	42	3:1
30-B	3.2	6.6	0.3	0.07	0.05	2853	76	38	2:1	93	31	3:1
30C	6.0	12.4	0.2	0.12	0.09	5413	104	52	2:1	127	42	3:1
30-D	4.8	9.9	0.1	0.10	0.07	4313	93	46	2:1	114	38	3:1
31-A	1.5	3.4	1.2	0.03	0.02	1463	54	27	2:1	66	22	3:1

Basin Number	Drainage Area (Ac.)	10 Year Peak Flow (Pre-Development) (cfs)	Grading Area (Ac.)	Sediment Storage Surface Area (.01*Q-10 yr), Ac.	Sediment Storage Surface Area (.015*DA), Ac.	Surface Area Req'd (ft^2)	Length	Width	L:W Ratio	Length	Width	L:W Ratio
31-B	2.3	5.1	1.2	0.05	0.03	2232	67	33	2:1	82	27	3:1
32-A	4.3	6.4	0.8	0.06	0.06	2789	75	37	2:1	91	30	3:1
32-B	2.1	3.1	0.3	0.03	0.03	1338	52	26	2:1	63	21	3:1
33-A	2.0	4.8	0.3	0.05	0.03	2076	64	32	2:1	79	26	3:1
33B	3.0	7.1	0.3	0.07	0.04	3074	78	39	2:1	96	32	3:1
34-A	3.9	9.6	1.9	0.10	0.06	4188	92	46	2:1	112	37	3:1
35-A	14.7	28.8	11.0	0.29	0.22	12542	158	79	2:1	194	65	3:1
36-A	8.6	13.9	3.2	0.14	0.13	6056	110	55	2:1	135	45	3:1
37-A	1.2	3.4	0.1	0.03	0.02	1471	54	27	2:1	66	22	3:1
37-B	6.9	19.8	1.8	0.20	0.10	8641	131	66	2:1	161	54	3:1
38A	5.8	16.7	0.0	0.17	0.09	7273	121	60	2:1	148	49	3:1
38B	6.2	15.5	0.0	0.15	0.09	6742	116	58	2:1	142	47	3:1
39-A	0.8	0.9	0.1	0.01	0.01	401	28	14	2:1	35	12	3:1
39-B	4.1	4.7	0.5	0.05	0.06	2063	64	32	2:1	79	26	3:1
42-A	10.4	15.6	3.8	0.16	0.16	6809	117	58	2:1	143	48	3:1
42-B	10.0	15.1	2.5	0.15	0.15	6584	115	57	2:1	141	47	3:1
43-A	8.7	9.2	5.2	0.09	0.13	3993	89	45	2:1	109	36	3:1
45-A	4.7	9.2	0.4	0.09	0.07	4003	89	45	2:1	110	37	3:1
45-B	9.6	18.8	4.1	0.19	0.14	8194	128	64	2:1	157	52	3:1
47-A	4.7	7.9	2.7	0.08	0.07	3423	83	41	2:1	101	34	3:1
47-B	11.4	18.9	4.6	0.19	0.17	8232	128	64	2:1	157	52	3:1
48A	11.8	32.4	2.4	0.32	0.18	14101	168	84	2:1	206	69	3:1
50A	8.7	22.9	2.6	0.23	0.13	9984	141	71	2:1	173	58	3:1
51A	17.0	39.2	2.6	0.39	0.25	17058	185	92	2:1	226	75	3:1
52+51	11.4	26.3	0.7	0.26	0.17	11449	151	76	2:1	185	62	3:1
53A	5.4	11.4	0.7	0.11	0.08	4970	100	50	2:1	122	41	3:1
54-A	3.0	6.5		0.06	0.04	2810	75	37	2:1	92	31	3:1
54-B	2.6	5.6	2.4	0.06	0.04	2456	70	35	2:1	86	29	3:1
55-A	0.4	1.3	0.0	0.01	0.01	558	33	17	2:1	41	14	3:1
56-A	1.9	3.7	1.2	0.04	0.03	1592	56	28	2:1	69	23	3:1
56-B	0.8	2.6	0.1	0.03	0.01	1137	48	24	2:1	58	19	3:1
57A	0.5	1.0	0.1	0.01	0.01	447	30	15	2:1	37	12	3:1
58-A	1.6	4.7	2.7	0.05	0.02	2056	64	32	2:1	79	26	3:1
58-B	4.0	11.7		0.12	0.06	5113	101	51	2:1	124	41	3:1
58-C	2.0	5.9	2.7	0.06	0.03	2555	71	36	2:1	88	29	3:1

Basin Number	Drainage Area (Ac.)	10 Year Peak Flow (Pre-Development) (cfs)	Grading Area (Ac.)	Sediment Storage Surface Area (.01*Q-10 yr), Ac.	Sediment Storage Surface Area (.015*DA), Ac.	Surface Area Req'd (ft^2)	Length	Width	L:W Ratio	Length	Width	L:W Ratio
59-A	0.9	2.3	0.0	0.02	0.01	1012	45	22	2:1	55	18	3:1
59-B	2.4	6.0	0.3	0.06	0.04	2607	72	36	2:1	88	29	3:1



PRE - 1



POST - 1



PRE - 6



POST - 6



PRE - 11



POST - 11



PRE - 2



POST - 2



PRE - 7



POST - 7



PRE - 12



POST - 12



PRE - 3



POST - 3



PRE - 8



POST - 8



PRE - 13



POST - 13



PRE - 4



POST - 4



PRE - 9



POST - 9



PRE - 14



POST - 14



PRE - 5



POST - 5



PRE - 10



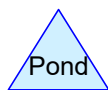
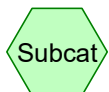
POST - 10



PRE - 15



POST - 15



### Routing Diagram for South Ripley 1- 15

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# South Ripley 1- 15

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## Area Listing (all nodes)

Area (sq-ft)	CN	Description (subcatchment-numbers)
6,751,800	81	(1S, 4S, 6S, 20S, 26S)
3,767,940	82	(2S, 9S, 10S, 19S)
8,847,036	80	(3S, 5S, 17S, 30S)
8,437,572	76	(7S, 14S, 15S, 22S)
9,827,136	77	(8S, 11S, 24S)
4,704,480	78	(12S)
884,268	73	(13S, 23S)
9,077,904	79	(16S, 18S, 25S, 27S, 29S)
1,738,044	74	(21S)
1,271,952	83	(28S)
<b>55,308,132</b>	<b>79</b>	<b>TOTAL AREA</b>

**South Ripley 1- 15**

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**Ground Covers (all nodes)**

HSG-A (sq-ft)	HSG-B (sq-ft)	HSG-C (sq-ft)	HSG-D (sq-ft)	Other (sq-ft)	Total (sq-ft)	Ground Cover	Subcatchment Numbers
0	0	0	0	55,308,132	55,308,132		1 S , 2 S , 3 S , 4 S , 5 S , 6 S , 7 S , 8 S , 9 S , 10 S , 11 S , 12 S , 13 S , 14 S

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**Ground Covers (all nodes) (continued)**

HSG-A (sq-ft)	HSG-B (sq-ft)	HSG-C (sq-ft)	HSG-D (sq-ft)	Other (sq-ft)	Total (sq-ft)	Ground Cover	Subcatchment Numbers
0	0	0	0	55,308,132	55,308,132	<b>TOTAL AREA</b>	

**South Ripley 1- 15**

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*Type II 24-hr 1-YR Rainfall=2.25"*

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Time span=0.00-100.00 hrs, dt=0.05 hrs, 2001 points  
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN  
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

<b>Subcatchment1S: PRE - 1</b>	Runoff Area=34.200 ac 0.00% Impervious Runoff Depth=0.77" Tc=77.7 min CN=81 Runoff=10.69 cfs 95,413 cf
<b>Subcatchment2S: POST - 1</b>	Runoff Area=34.200 ac 0.00% Impervious Runoff Depth=0.82" Tc=70.7 min CN=82 Runoff=12.46 cfs 101,633 cf
<b>Subcatchment3S: PRE - 2</b>	Runoff Area=33.500 ac 0.00% Impervious Runoff Depth=0.72" Tc=72.4 min CN=80 Runoff=10.19 cfs 87,627 cf
<b>Subcatchment4S: POST - 2</b>	Runoff Area=33.500 ac 0.00% Impervious Runoff Depth=0.77" Tc=66.8 min CN=81 Runoff=11.75 cfs 93,460 cf
<b>Subcatchment5S: PRE - 3</b>	Runoff Area=46.100 ac 0.00% Impervious Runoff Depth=0.72" Tc=61.7 min CN=80 Runoff=15.86 cfs 120,585 cf
<b>Subcatchment6S: POST - 3</b>	Runoff Area=46.100 ac 0.00% Impervious Runoff Depth=0.77" Tc=69.5 min CN=81 Runoff=15.68 cfs 128,612 cf
<b>Subcatchment7S: PRE - 4</b>	Runoff Area=106.300 ac 0.00% Impervious Runoff Depth=0.55" Tc=44.0 min CN=76 Runoff=32.68 cfs 211,607 cf
<b>Subcatchment8S: POST - 4</b>	Runoff Area=106.300 ac 0.00% Impervious Runoff Depth=0.59" Tc=47.7 min CN=77 Runoff=33.98 cfs 227,139 cf
<b>Subcatchment9S: PRE - 5</b>	Runoff Area=14.100 ac 0.00% Impervious Runoff Depth=0.82" Tc=30.3 min CN=82 Runoff=9.47 cfs 41,901 cf
<b>Subcatchment10S: POST - 5</b>	Runoff Area=14.100 ac 0.00% Impervious Runoff Depth=0.82" Tc=30.3 min CN=82 Runoff=9.47 cfs 41,901 cf
<b>Subcatchment11S: PRE - 6</b>	Runoff Area=108.000 ac 0.00% Impervious Runoff Depth=0.59" Tc=52.9 min CN=77 Runoff=31.97 cfs 230,772 cf
<b>Subcatchment12S: POST - 6</b>	Runoff Area=108.000 ac 0.00% Impervious Runoff Depth=0.63" Tc=57.9 min CN=78 Runoff=32.82 cfs 247,265 cf
<b>Subcatchment13S: PRE - 7</b>	Runoff Area=9.100 ac 0.00% Impervious Runoff Depth=0.44" Tc=41.9 min CN=73 Runoff=2.10 cfs 14,465 cf
<b>Subcatchment14S: POST - 7</b>	Runoff Area=9.100 ac 0.00% Impervious Runoff Depth=0.55" Tc=29.2 min CN=76 Runoff=3.76 cfs 18,115 cf
<b>Subcatchment15S: PRE - 8</b>	Runoff Area=38.400 ac 0.00% Impervious Runoff Depth=0.55" Tc=50.4 min CN=76 Runoff=10.69 cfs 76,441 cf
<b>Subcatchment16S: POST - 8</b>	Runoff Area=38.400 ac 0.00% Impervious Runoff Depth=0.67" Tc=44.1 min CN=79 Runoff=15.54 cfs 94,043 cf

**South Ripley 1- 15**

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*Type II 24-hr 1-YR Rainfall=2.25"*

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<b>Subcatchment17S: PRE - 9</b>	Runoff Area=76.300 ac 0.00% Impervious Runoff Depth=0.72" Tc=59.6 min CN=80 Runoff=26.94 cfs 199,581 cf
<b>Subcatchment18S: POST - 9</b>	Runoff Area=76.300 ac 0.00% Impervious Runoff Depth=0.67" Tc=55.0 min CN=79 Runoff=26.28 cfs 186,862 cf
<b>Subcatchment19S: PRE - 10</b>	Runoff Area=24.100 ac 0.00% Impervious Runoff Depth=0.82" Tc=23.1 min CN=82 Runoff=19.34 cfs 71,619 cf
<b>Subcatchment20S: POST - 10</b>	Runoff Area=24.100 ac 0.00% Impervious Runoff Depth=0.77" Tc=25.0 min CN=81 Runoff=17.06 cfs 67,236 cf
<b>Subcatchment21S: PRE - 11</b>	Runoff Area=39.900 ac 0.00% Impervious Runoff Depth=0.47" Tc=32.4 min CN=74 Runoff=12.41 cfs 68,518 cf
<b>Subcatchment22S: POST - 11</b>	Runoff Area=39.900 ac 0.00% Impervious Runoff Depth=0.55" Tc=24.7 min CN=76 Runoff=18.53 cfs 79,427 cf
<b>Subcatchment23S: PRE - 12</b>	Runoff Area=11.200 ac 0.00% Impervious Runoff Depth=0.44" Tc=30.2 min CN=73 Runoff=3.27 cfs 17,803 cf
<b>Subcatchment24S: POST - 12</b>	Runoff Area=11.300 ac 0.00% Impervious Runoff Depth=0.59" Tc=20.4 min CN=77 Runoff=6.54 cfs 24,146 cf
<b>Subcatchment25S: PRE - 13</b>	Runoff Area=17.300 ac 0.00% Impervious Runoff Depth=0.67" Tc=28.3 min CN=79 Runoff=9.60 cfs 42,369 cf
<b>Subcatchment26S: POST - 13</b>	Runoff Area=17.100 ac 0.00% Impervious Runoff Depth=0.77" Tc=28.3 min CN=81 Runoff=11.14 cfs 47,707 cf
<b>Subcatchment27S: PRE - 14</b>	Runoff Area=29.200 ac 0.00% Impervious Runoff Depth=0.67" Tc=53.5 min CN=79 Runoff=10.25 cfs 71,512 cf
<b>Subcatchment28S: POST - 14</b>	Runoff Area=29.200 ac 0.00% Impervious Runoff Depth=0.87" Tc=44.9 min CN=83 Runoff=16.01 cfs 92,323 cf
<b>Subcatchment29S: PRE - 15</b>	Runoff Area=47.200 ac 0.00% Impervious Runoff Depth=0.67" Tc=64.5 min CN=79 Runoff=14.40 cfs 115,595 cf
<b>Subcatchment30S: POST - 15</b>	Runoff Area=47.200 ac 0.00% Impervious Runoff Depth=0.72" Tc=59.6 min CN=80 Runoff=16.67 cfs 123,463 cf

**Total Runoff Area = 55,308,132 sf Runoff Volume = 3,039,141 cf Average Runoff Depth = 0.66"**  
**100.00% Pervious = 55,308,132 sf 0.00% Impervious = 0 sf**

# South Ripley 1- 15

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Type II 24-hr 1-YR Rainfall=2.25"

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## Summary for Subcatchment 1S: PRE - 1

Runoff = 10.69 cfs @ 12.90 hrs, Volume= 95,413 cf, Depth= 0.77"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-100.00 hrs, dt= 0.05 hrs  
Type II 24-hr 1-YR Rainfall=2.25"

Area (ac)	CN	Description
* 34.200	81	
34.200		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
77.7					Direct Entry,

## Subcatchment 1S: PRE - 1

Hydrograph

