

Summary of Open Space Acquisition and Conservation Easement Recommendation Metrics

Metric	How Metric is Measured	Indicates Higher Protection Priority When	Metric Points
1. Parcel Size	Parcel Area (acres)	Parcel size is large , suggesting greater opportunity for contiguous undeveloped areas to benefit wildlife and provide recreation.	> 50 ac = 5pts; 25 to 50 ac = 4 pts; 15 to 25 ac = 3 pts; 10 to 15 ac = 2 pts; < 10 ac = 1 pt.
2. Connectivity	Area of adjacent protected open space and/or connectivity to existing or proposed trail systems	Connectivity is high ; the parcel is adjacent to other protected areas (prevent fragmentation of a large protected forest tract), undeveloped forested areas, or provides access to existing or proposed trails.	Ranking from 1 pt = minimal adjacent existing open space or connectivity to trails to 5 pts = parcel adjacent to large unfragmented forested area with access to trails.
3. Development Potential	Based on slope, wetland, and floodplain areas	Development potential is high ; suggesting that the parcel is a good candidate for future development based on slope, wetland, and floodplain areas.	Ranking from 1 pt = low development potential to 5 pts = high development potential.
4. Floodplain Area	Percentage of parcel containing 100- or 500-year flood zone areas	A higher percentage floodplain area in the parcel ; preserve natural flood storage or function (to the 500 year flood level).	Ranking from 1 pt = no flood zone area in the parcel to 5 pts = majority of parcel contains flood zone areas.
5. Wetland Area	Percentage of parcel containing wetland soils	Wetland soils percentage is high ; suggesting that the parcel supports, enhances or protects biodiversity.	Ranking from 1 pt = no wetland soils in the parcel to 5 pts = majority of parcel contains wetland soils.
6. Stream Vicinity	Length of stream that is within or buffering the parcel	A high order or headwaters stream is located on the parcel ; suggesting that protecting the parcel would maintain stream buffers for wildlife habitat and biodiversity.	Ranking from 1 pt = parcel does not buffer or contain a stream to 5 pts = parcel buffering or contains a high order or headwater stream. Higher ranking is given to higher order streams and headwater streams compared to tributaries.

Ranking Results for Priority Parcel Acquisition and Conservation Easement Recommendations

Parcel No.	Location	Parcel Size (acres)	Criteria Ranking (scoring ranges from 1=low priority to 5=high priority)						
			Parcel Size	Connectivity	Development Potential	Floodplain Area	Wetland Area	Stream Vicinity	Total Score
<i>Parcels Recommended for Acquisition:</i>									
1	Griffin Rd/Newbury Rd	33.7	4	3	4	4	4	4	23
2	Tunxis Ave @ Ridgeview Dr	11.2	2	3	2	5	4	5	21
3	Tunxis Ave @ Ridgeview Dr	13.6	2	3	2	5	4	5	21
4	Tunxis Ave @ Terry Plains Rd	2.2	1	3	2	5	4	5	20
5	Tunxis Ave @ Terry Plains Rd	2.6	1	3	2	5	4	5	20
6	Albany Ave	35.0	4	4	5	1	2	3	19
7	Sharon St	3.2	1	4	3	1	5	5	19
8	Woodland Ave	21.8	3	3	5	2	2	3	18
9	Duncaster Rd (Kelly Farm)	44.9	4	5	4	2	2	1	18
10	Simsbury Rd	15.1	3	1	3	1	5	4	17
<i>Parcels Recommended for Conservation Easement:</i>									
11	Hall Blvd	28.3	4	5	1	5	5	5	25
12	Homestead Ave (Goodwin's Wild)	26.0	4	5	3	4	4	5	25
13	Maple Ave	109.3	5	1	2	5	5	5	23
14	Dorothy Dr	17.5	3	3	2	5	4	5	22
15	Ryefield Hollow Dr	63.6	5	4	5	1	2	5	22
16	Homestead Ave (Goodwin's Wild)	4.1	1	5	3	4	4	5	22
17	Wintonbury Ave	70.5	5	4	5	1	2	4	21
18	Harvest Ln	36.3	4	4	2	1	5	5	21
19	Mark Twain Dr	24.0	3	1	1	5	5	5	20
20	Wyndemere Rd	1.1	1	3	2	5	4	5	20