

Appendix A: Figures

Figure 1: Site Location Map

Figure 2: Wetlands & Watercourse Map

Figure 3: FEMA Flood Map

Figure 4: Water Quality Classification Map

Figure 5: Public Supply Watershed Map

Figure 6: Habitat Cover Map

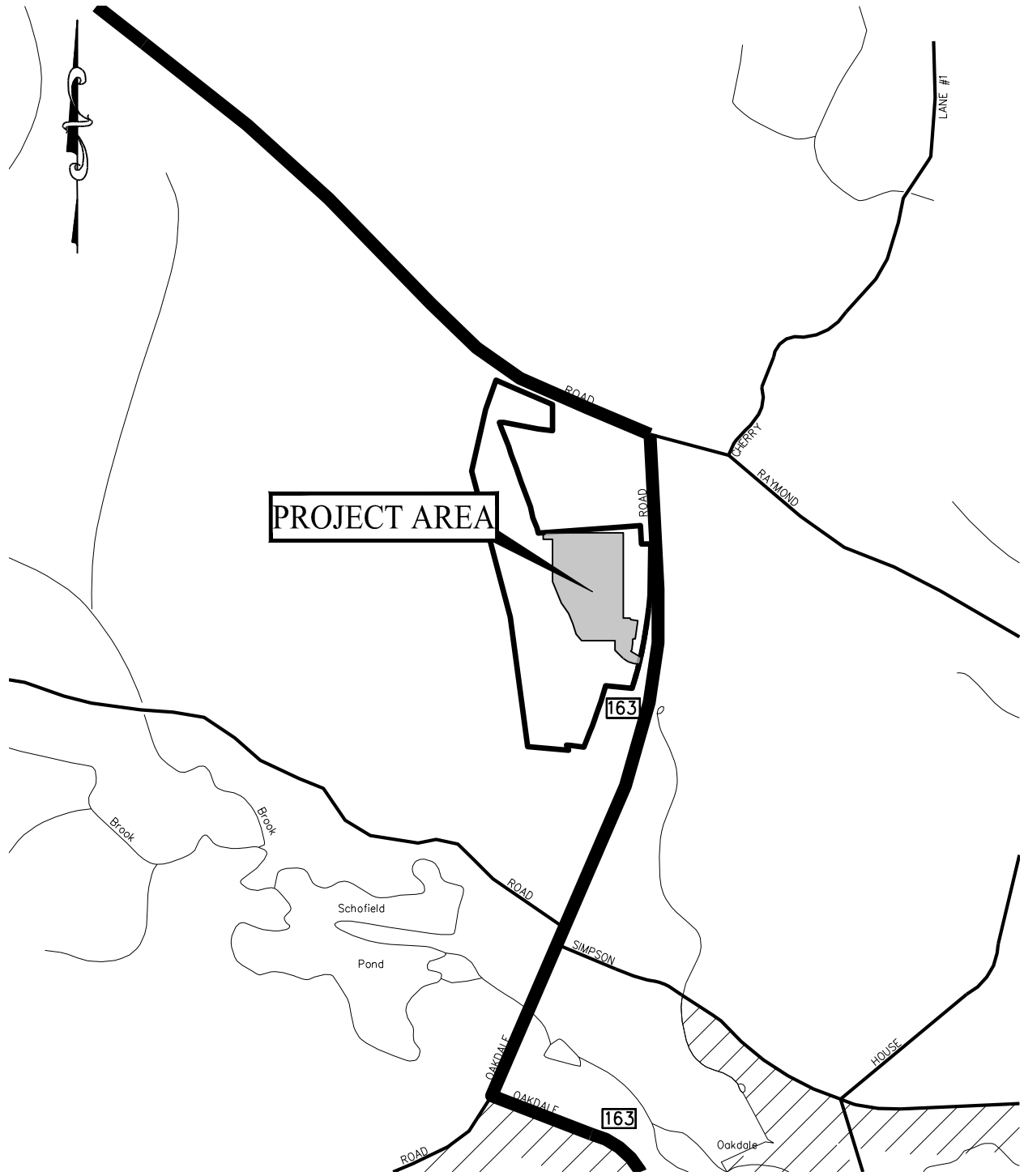
Figure 7: Natural Diversity Database Map

Figure 8: Prime Farmland Map

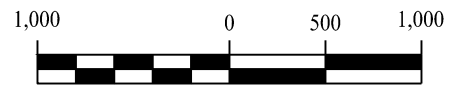
Figure 9: Scenic & Recreation Map

Figure 10: Proposed Conditions Viewshed Map

Figure 11: Core Forest Map



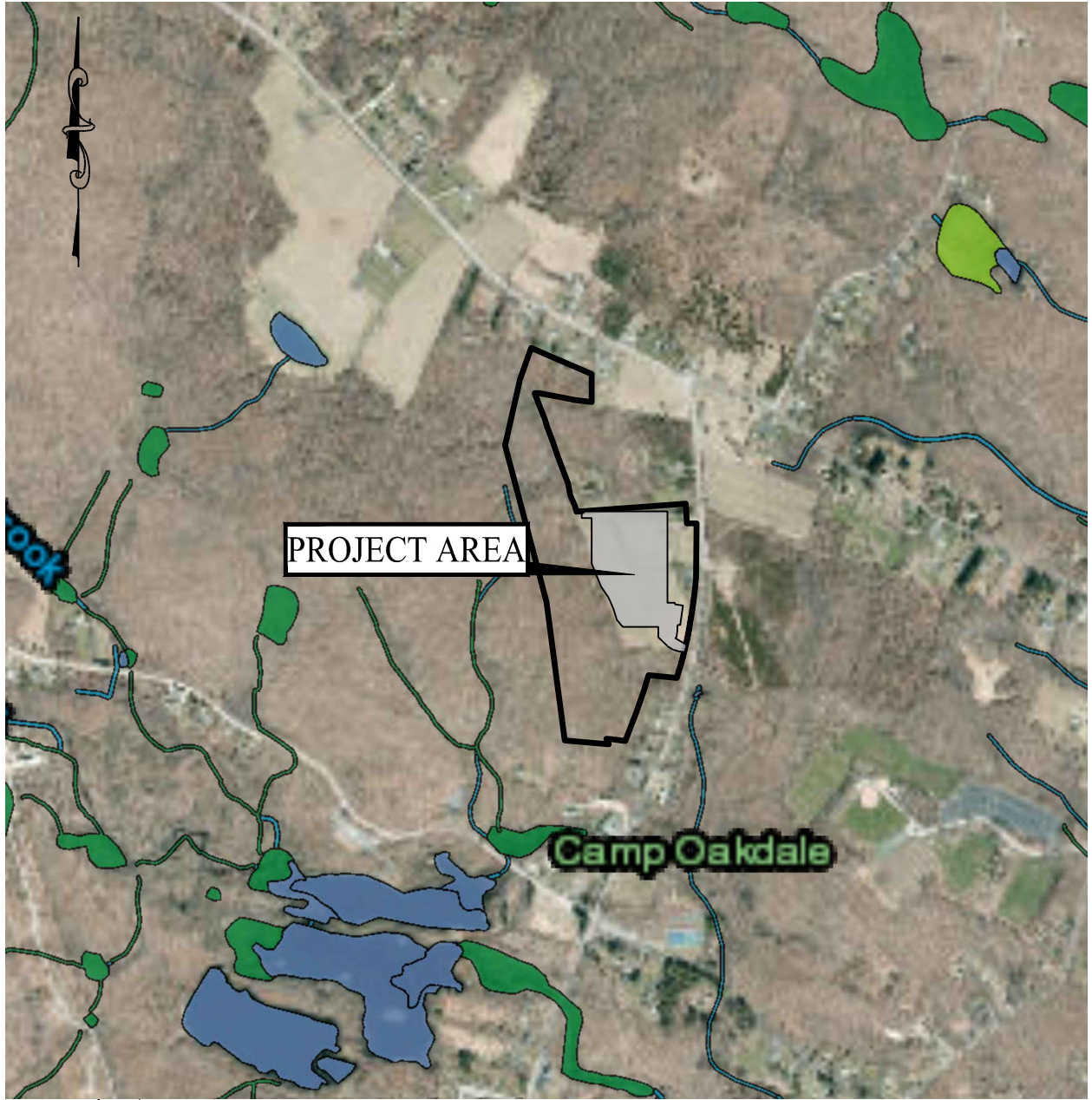
NOTE: BASE MAP INFORMATION TAKEN FROM CT DOT TRU MAP NUMBER 084











SOLLI
ENGINEERING
11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

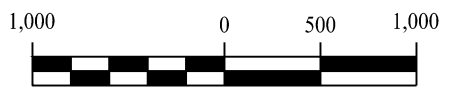
SITE LOCATION MAP
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 1,000'
Figure:	1



- Wetlands**
-  Estuarine and Marine Deepwater
 -  Freshwater Emergent Wetland
 -  Lake
 -  Estuarine and Marine Wetland
 -  Freshwater Forested/Shrub Wetland
 -  Other
 -  Freshwater Pond
 -  Riverine

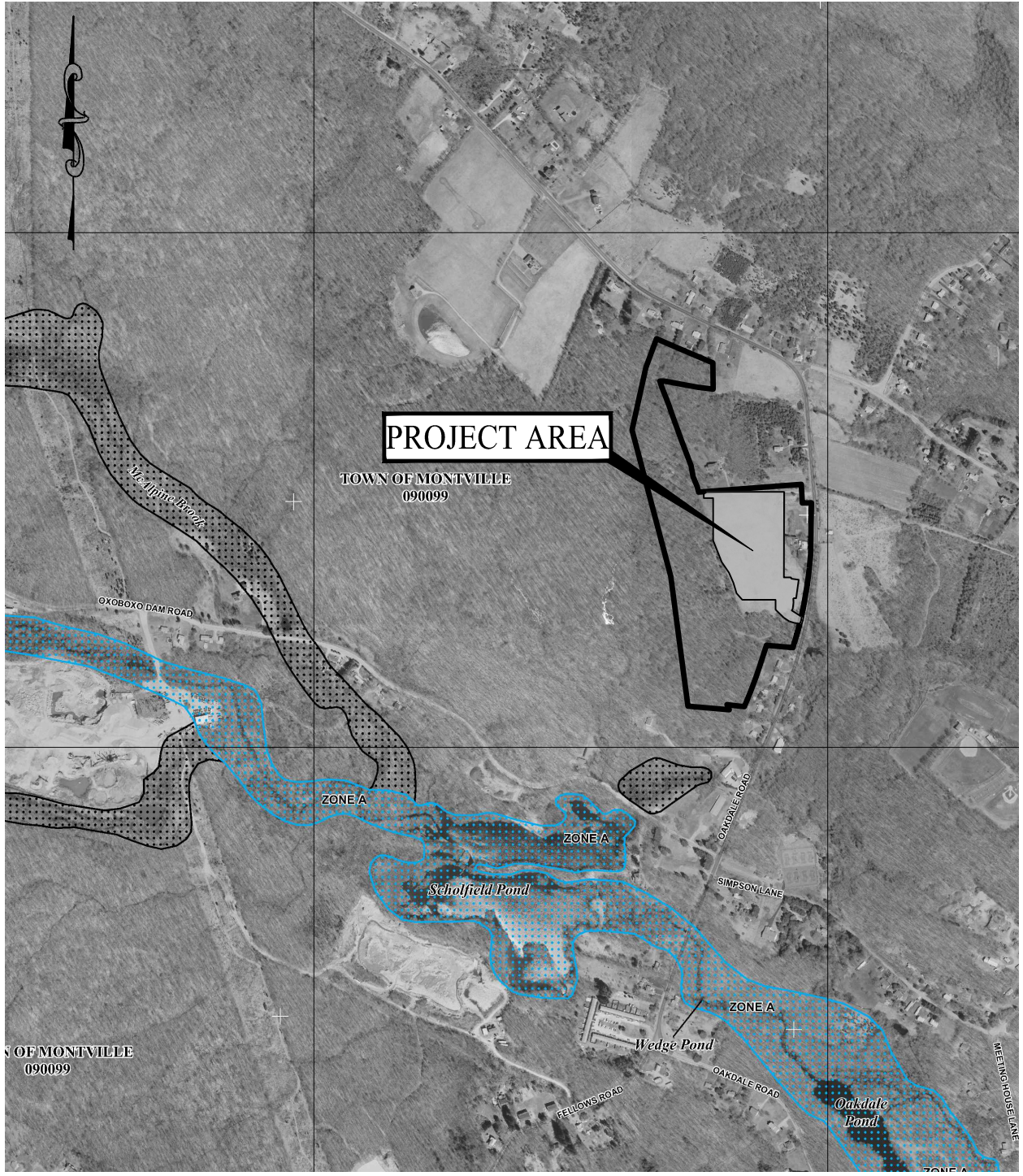
NOTE: BASE MAP INFORMATION TAKEN FROM U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLANDS INVENTORY



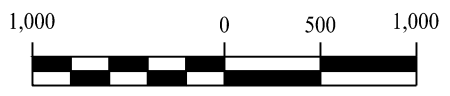
SOLLI
ENGINEERING
11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

**WETLANDS &
WATERCOURSES MAP**
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 1,000'
Figure:	2



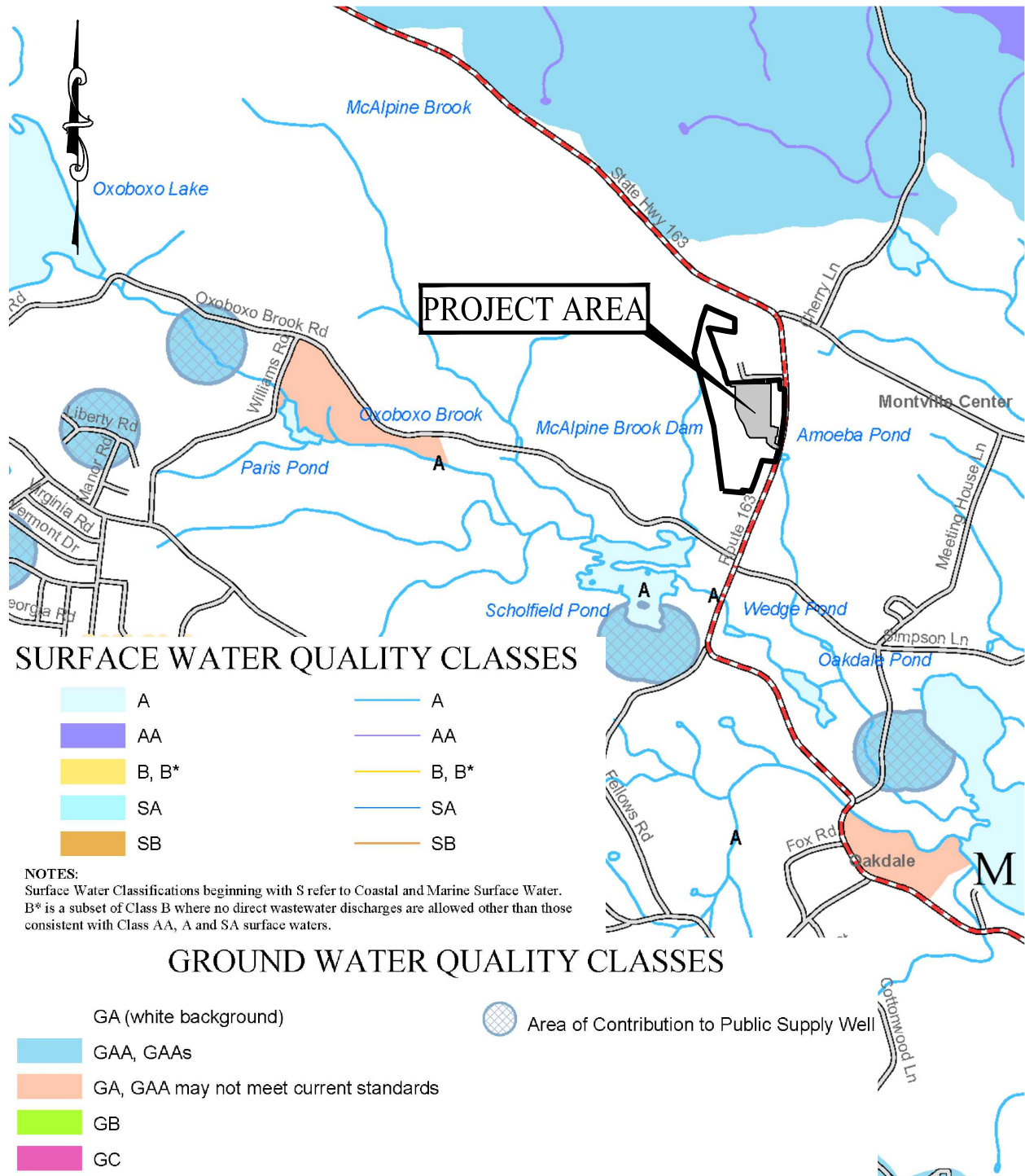
NOTE: BASE MAP INFORMATION TAKEN FROM
 FEMA FLOOD INSURANCE RATE MAP, MAP
 NUMBER 09011C0331G, EFFECTIVE 07/18/2011



SOLLI
 ENGINEERING
 11 Vanderbilt Ave, Norwood, MA 02062
 T: (781) 352-8491 | F: (203) 880-9695

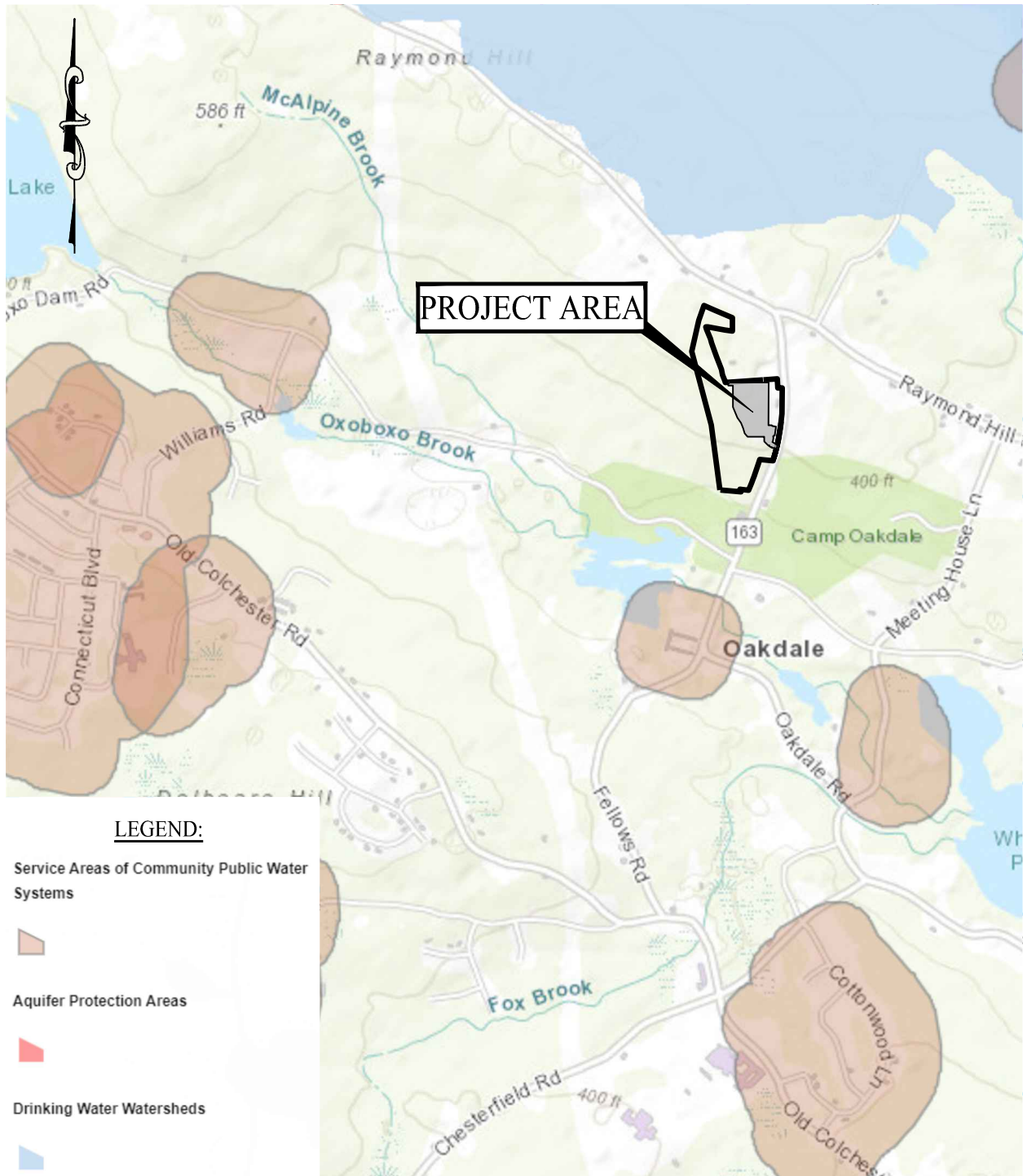
FEMA FLOOD MAP
 958 ROUTE 163
 MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 1,000'
Figure:	3



NOTE: BASE MAP INFORMATION TAKEN FROM
 CT DEEP, DATED: OCTOBER 2018





LEGEND:

Service Areas of Community Public Water Systems



Aquifer Protection Areas



Drinking Water Watersheds



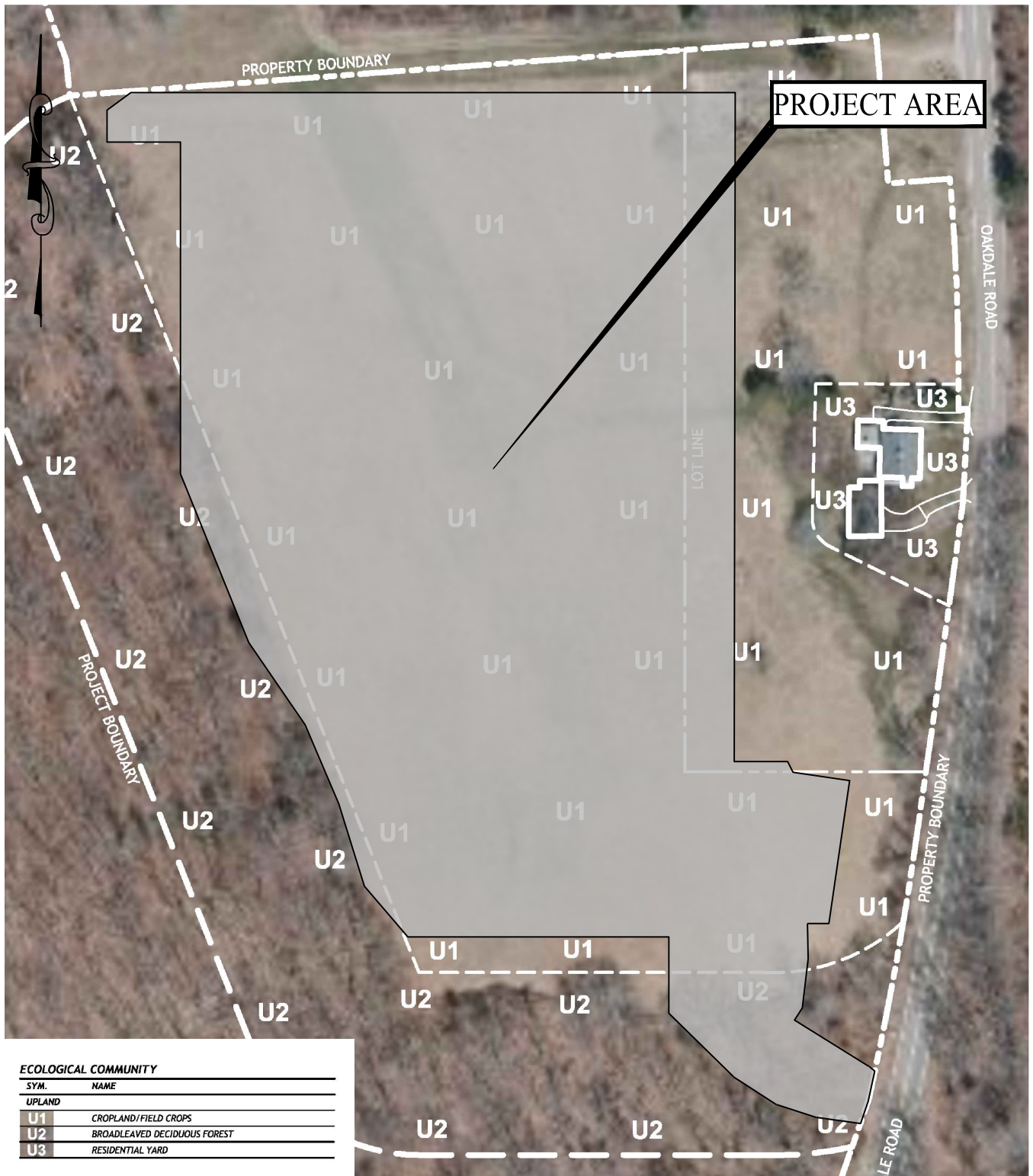
NOTE: BASE MAP INFORMATION TAKEN FROM
CONNECTICUT STATE DEPARTMENT OF
PUBLIC HEALTH GIS MAP



SOLLI
ENGINEERING
11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

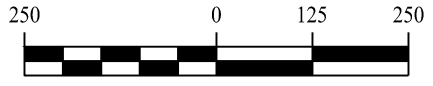
**PUBLIC SUPPLY
WATERSHED MAP**
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 2,000'
Figure:	5



ECOLOGICAL COMMUNITY	
SYM.	NAME
UPLAND	
U1	CROPLAND/FIELD CROPS
U2	BROADLEAVED DECIDUOUS FOREST
U3	RESIDENTIAL YARD

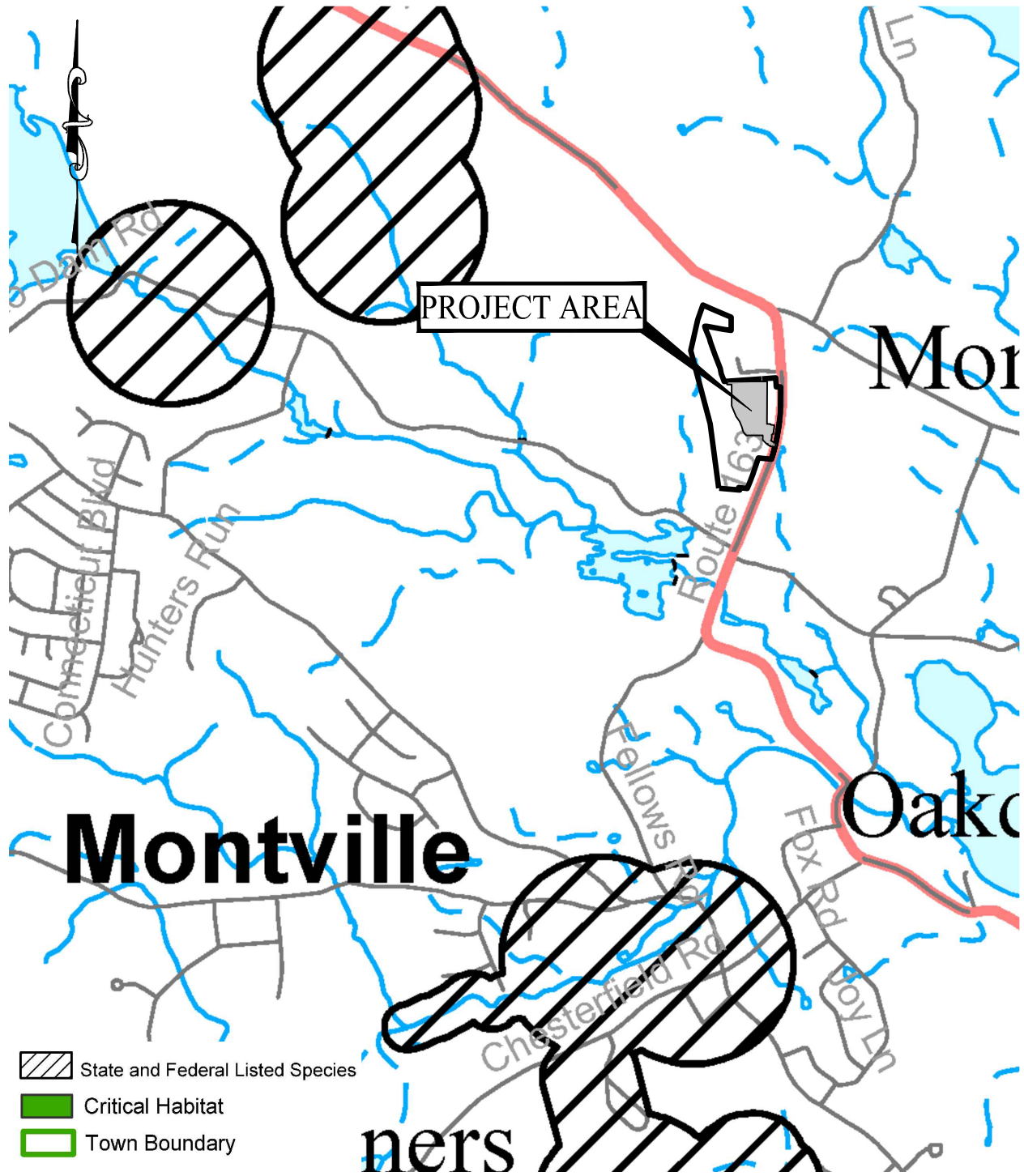
NOTE: BASE MAP INFORMATION TAKEN FROM
 ECOLOGICAL COMMUNITIES MAP PREPARED
 BY WILLIAM KENNY ASSOCIATES



SOLLI
 ENGINEERING
 11 Vanderbilt Ave, Norwood, MA 02062
 T: (781) 352-8491 | F: (203) 880-9695

HABITAT COVER MAP
 958 ROUTE 163
 MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 250'
Figure:	6



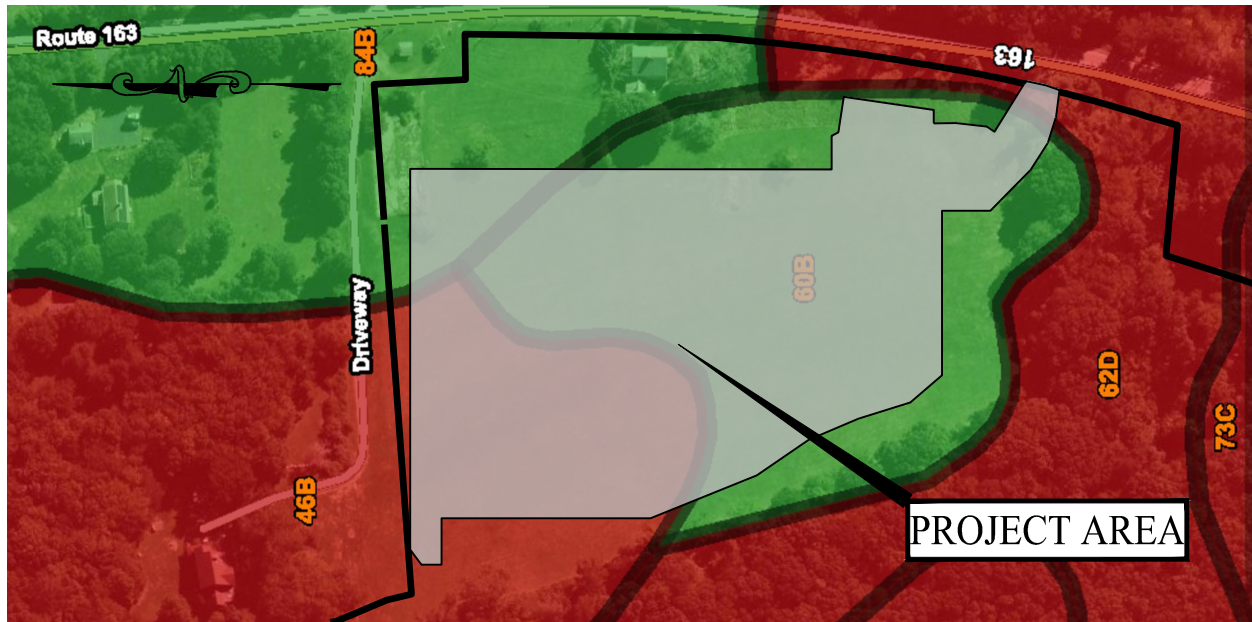
NOTE: BASE MAP INFORMATION TAKEN FROM
 CT DEEP BUREAU OF NATURAL RESOURCES
 WILDLIFE DIVISION, DATED: DECEMBER 2022



SOLLI
 ENGINEERING
 11 Vanderbilt Ave, Norwood, MA 02062
 T: (781) 352-8491 | F: (203) 880-9695

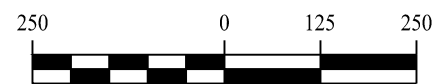
NATURAL DIVERSITY DATA
 BASE MAP
 958 ROUTE 163
 MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 2,000'
Figure:	7



Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	Not prime farmland	0.8	2.2%
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	All areas are prime farmland	0.0	0.1%
46B	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony	Not prime farmland	8.5	23.9%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	All areas are prime farmland	5.3	14.8%
60C	Canton and Charlton fine sandy loams, 8 to 15 percent slopes	Farmland of statewide importance	0.1	0.1%
62C	Canton and Charlton fine sandy loams, 3 to 15 percent slopes, extremely stony	Not prime farmland	1.6	4.6%
62D	Canton and Charlton fine sandy loams, 15 to 35 percent slopes, extremely stony	Not prime farmland	8.4	23.6%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	Not prime farmland	0.5	1.4%
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	All areas are prime farmland	10.1	28.6%
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes	Farmland of statewide importance	0.3	0.8%

NOTE: BASE MAP INFORMATION TAKEN FROM THE NATURAL RESOURCES CONSERVATION SERVICE, URL: <https://websoilsurvey.sc.egov.usda.gov>



11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

PRIME FARMLAND MAP

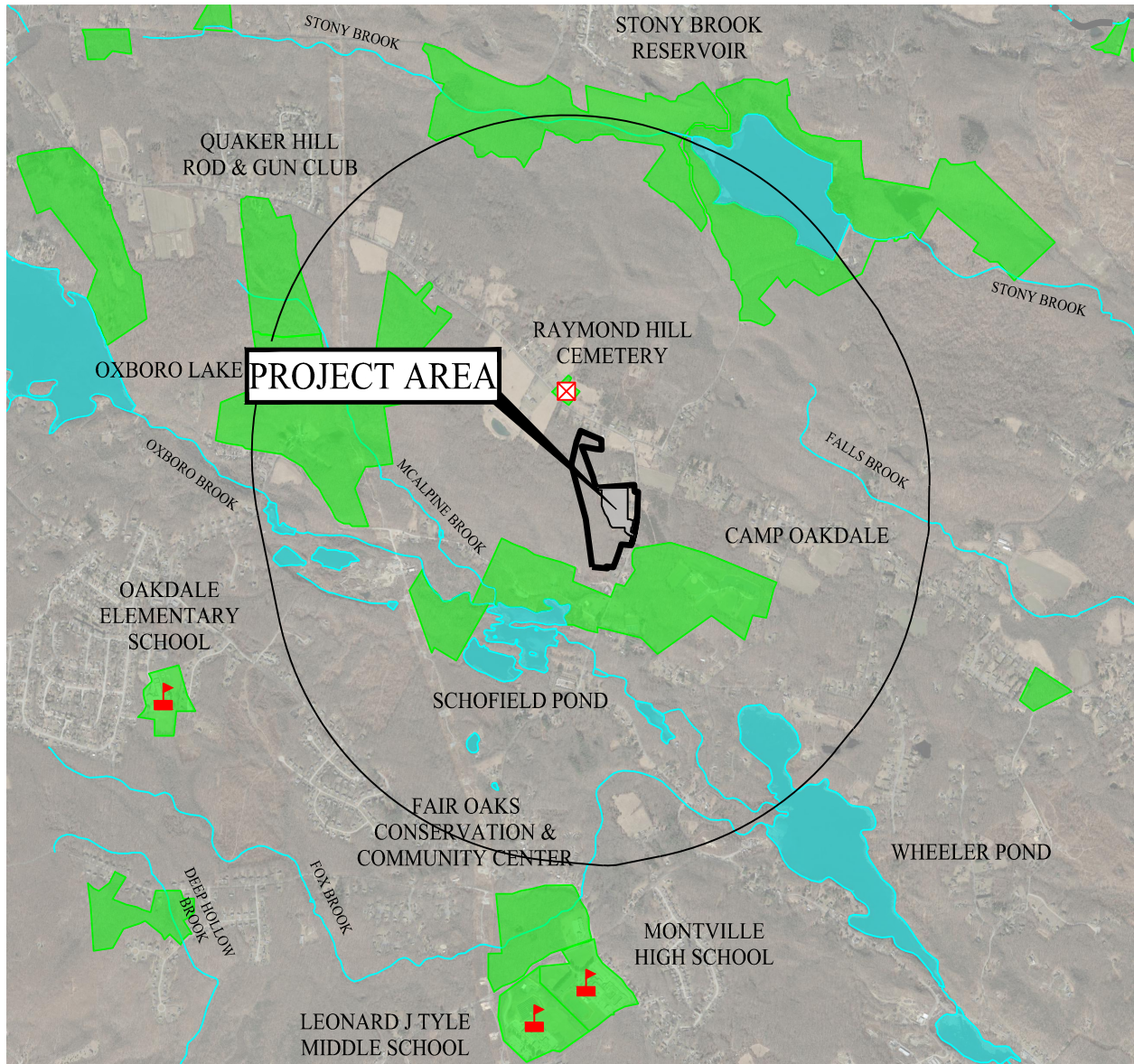
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #: 22109401

Plan Date: 09/30/23

Scale: 1" = 250'

Figure: 8



LEGEND

	PROPERTY LINE		OPEN WATER (CT DEEP)
	1 MILE RADIUS		OPEN SPACE (CT ECO)
	TOWN BOUNDARY		SCHOOL
	N.T.L. SCENIC ROADWAY		CEMETERY
	STATE SCENIC ROADWAY		PARK
	HIKING TRAIL		
	WATERCOURSES (CT DEEP)		

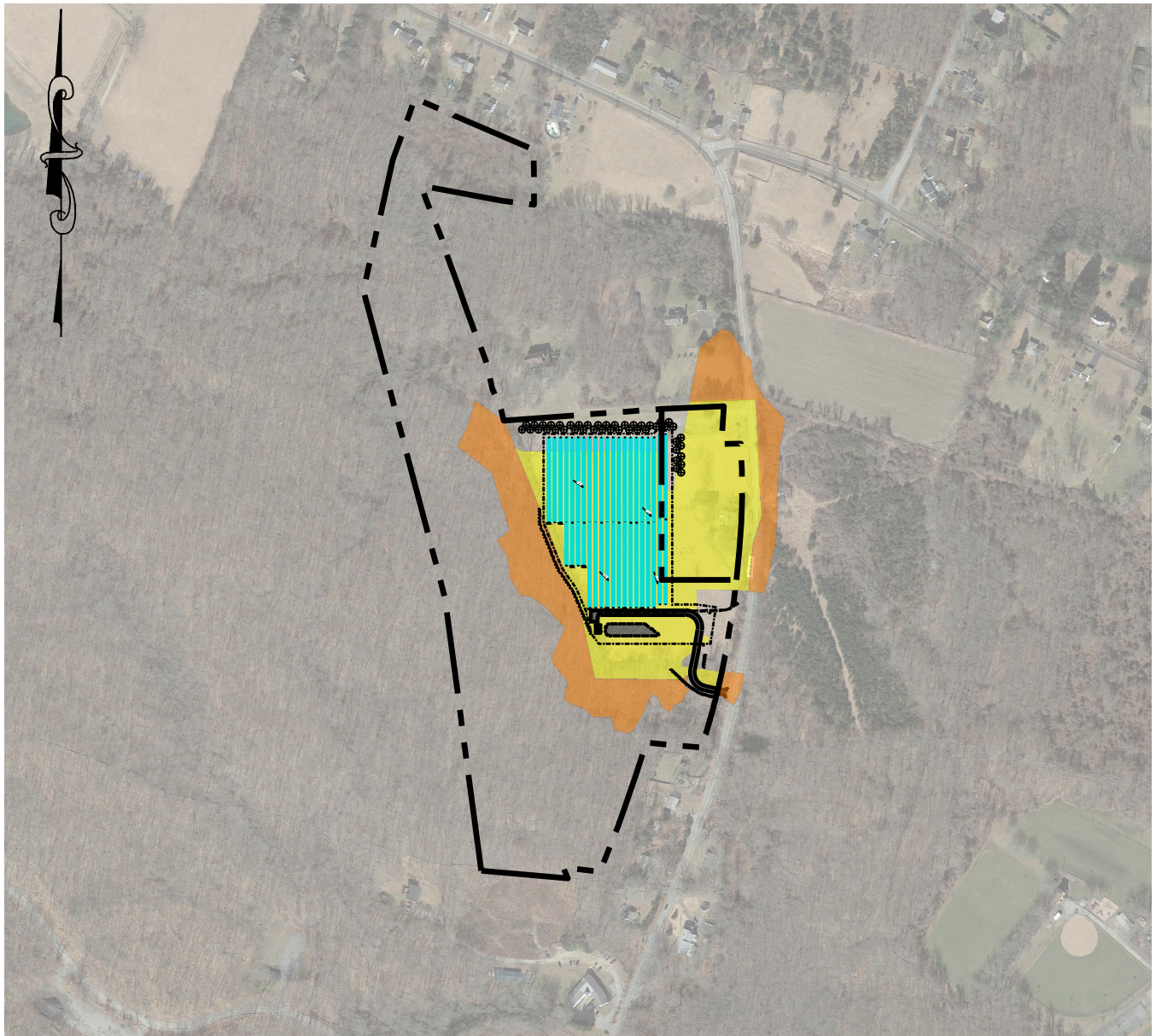
NOTE: BASE MAP INFORMATION TAKEN FROM CT
ECO OPEN SPACES & CT DEEP HYDROGRAPHY



SOLLI
ENGINEERING
11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

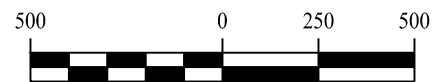
SCENIC & RECREATION MAP
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 3,000'
Figure:	9



LEGEND

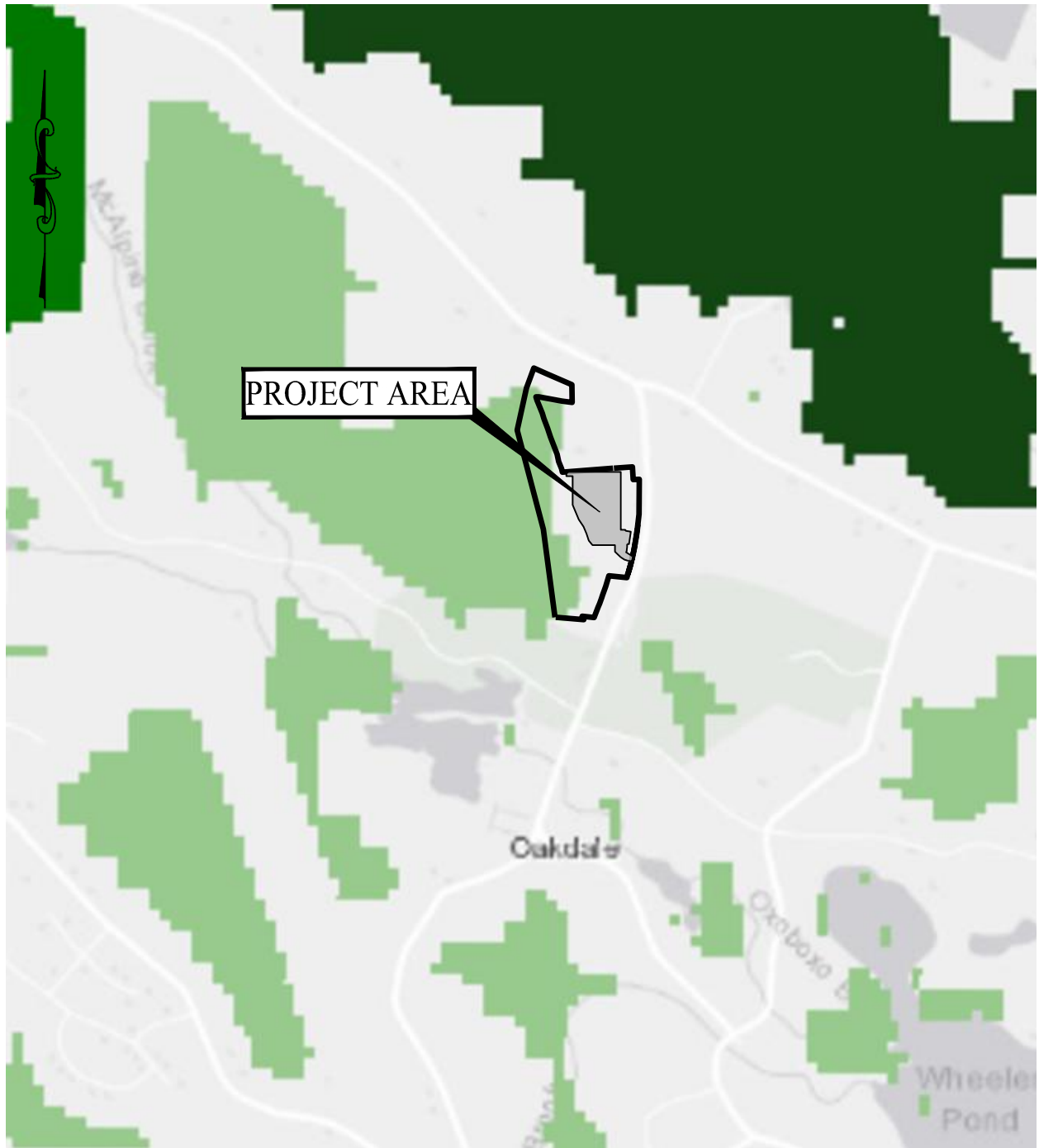
- PROPERTY LINE
- PREDICTED YEAR-ROUND VISIBILITY
- PREDICTED SEASONAL VISIBILITY



SOLLI
 ENGINEERING
 11 Vanderbilt Ave, Norwood, MA 02062
 T: (781) 352-8491 | F: (203) 880-9695

PROPOSED CONDITIONS VIEWSHED MAP
 958 ROUTE 163
 MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 500'
Figure:	10



NOTE: BASE MAP INFORMATION TAKEN FROM
ARCGIS FORESTLAND HABITAT IMPACT MAP



SOLLI
ENGINEERING
11 Vanderbilt Ave, Norwood, MA 02062
T: (781) 352-8491 | F: (203) 880-9695

CORE FOREST MAP
958 ROUTE 163
MONTVILLE, CONNECTICUT

Project #:	22109401
Plan Date:	09/30/23
Scale:	1" = 1,500'
Figure:	11