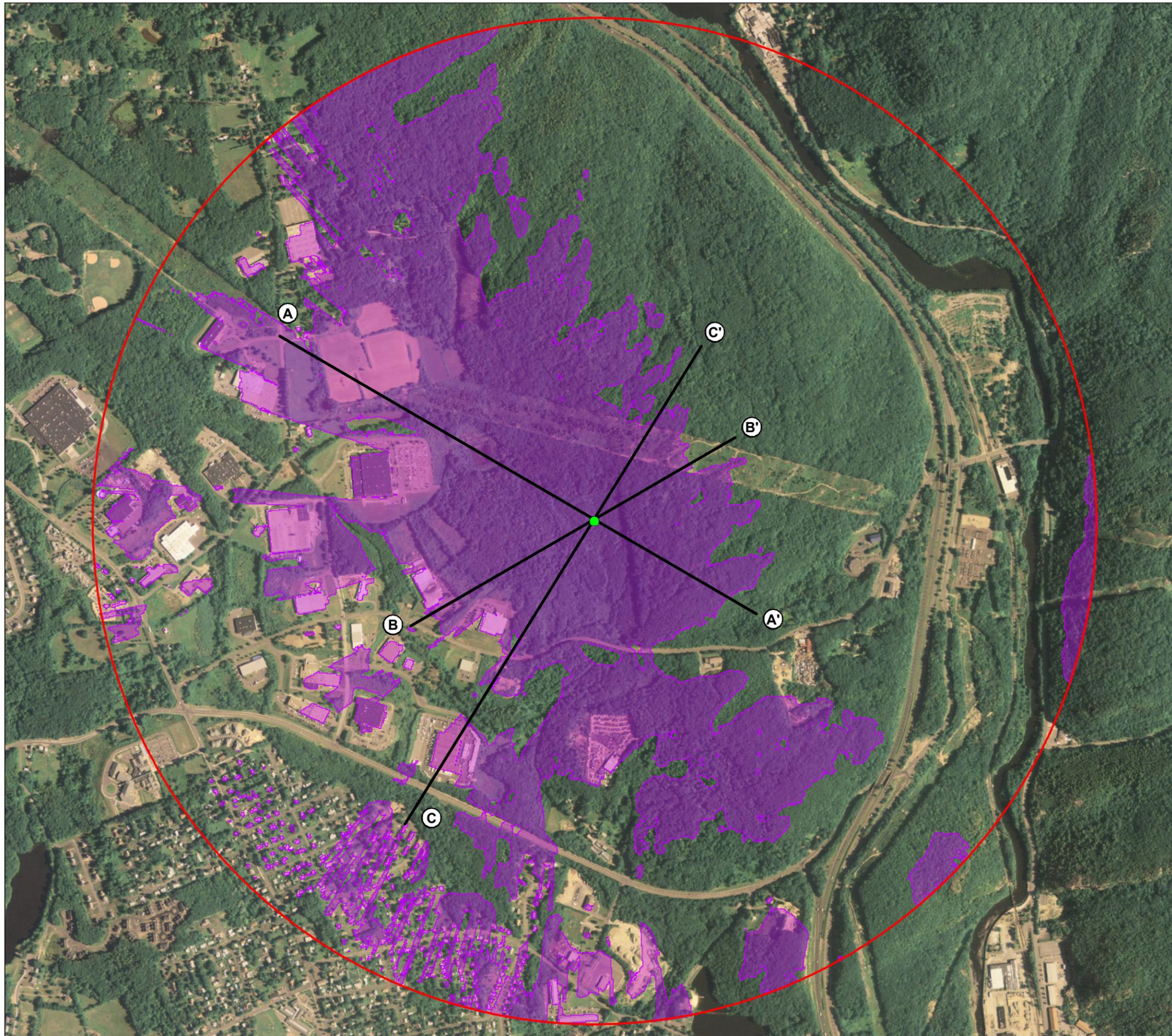


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**LEGEND**

- GROUND OR ROOFTOP AREA WITH VIEW OF STACK
- STACK LOCATION (170')
- ONE MILE RADIUS
- VIEWSHED CROSS-SECTION LINE

**CROSS-SECTIONS:**

- A - A'** LOOKING EAST FROM THE INTERSECTION OF PARK ROAD AND SEEMAR ROAD.
- B - B'** LOOKING NORTHEAST FROM THE CLOSEST RESIDENCE, 1020 ECHO LAKE ROAD.
- C - C'** LOOKING NORTH NORTHEAST FROM THE CLOSEST RESIDENCE WITHIN THE RESIDENTIAL AREA.

**NOTES:**

BARE EARTH VIEWSHED DOES NOT ACCOUNT FOR SCREENING EFFECTS OF VEGETATION BUT DOES REFLECT SCREENING EFFECTS OF BUILDINGS.

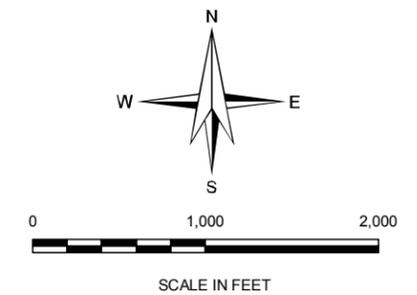
STACK HEIGHT IS DEFINED AS 170 FEET ABOVE GROUND SURFACE.

OBSERVER EYE HEIGHT IS DEFINED AS 5.5 FEET ABOVE GROUND SURFACE OR ROOFTOP SURFACE.

**REFERENCES:**

LIDAR DERIVED BARE EARTH SURFACE DIGITAL ELEVATION MODEL (DEM) FROM THE CENTER FOR LAND USE EDUCATION AND RESEARCH (CLEAR), 2000.

BUILDING FOOTPRINTS WITH ROOFTOP ELEVATION FROM THE WATERTOWN DEPARTMENT OF PUBLIC WORKS, 2007.



WATERTOWN RENEWABLE POWER PROJECT  
WATERTOWN, CONNECTICUT



**BARE EARTH VIEWSHED ANALYSIS  
FOR PROPOSED STACK**

SCALE: AS SHOWN  
NOVEMBER, 2007

**FIGURE 1**