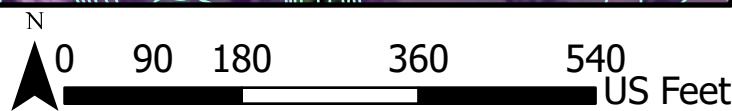


- Legend**
- Site Boundary
 - Substation
 - Contours
 - Railroads
 - Residential
 - Industrial



Group 2: Lauren Doppke, Kaelyn Leach, Enzo Lundy, Matthew Pytel, Christian Terrell
 Data Source: US Census Bureau, Geography Division Delaware County, Indiana, Beacon Website Indiana Geographic Information Council Ball State Library GIS Database

SITE NAME	Muncie Paper Processing
Address	701 W 23rd Street, Muncie, Indiana
Brownfield Program	EPA Brownfields Program
Area	13.3 Acres
Zoning	Industrial
Municipality	Center Township, Delaware County, IN
Distance to Substation	0.03 Miles
Distance to Transmission Line	1.62 Miles
Distance to Major Road	0 Miles
Ownership	Muncie Sanitary District
Summary of Existing Land Use, Condition, and Restrictions	The site is heavily vegetated and has leftover concrete and asphalt. A creek forms the site's eastern border.
Property Progress and Financial Assistance	The soils, water, and groundwater on the site were found to be highly contaminated with toxic metals and volatile organic compounds. All newly constructed and existing water flow or retention features must be lined with impermeable covers according to the EPA and IDEM. In 2009, it was determined that Muncie Sanitary District was not responsible for the site contamination or cleanup.
Estimated Annual Solar Energy Production	10,345,122 kWh/Year
Estimated Annual Energy Value	\$879,334
Estimated Solar Power Capacity	1,181.0 kW
Suggested PV System Specifications	DC System Size: 7,809.6 kW Module Type: Standard Array Type: Fixed (open rack) Array Tilt: 30°
Greenhouse Gas Equivalencies	7,314 Metric Tons of Carbon Dioxide 1,580 Passenger Vehicles driven for one year 844 homes' energy use for one year 1,238 homes' electricity use for one year 9,552 acres of US forests in one year
Remarks and Suggestions	Due to its size and proximity to a substation and a major road, this site meets the qualifications for a large-scale solar PV installation. It is also ideal because the zoning for the surrounding lands is industrial. However, the closest transmission line is over 1.6 miles away, so it may not be the best candidate.