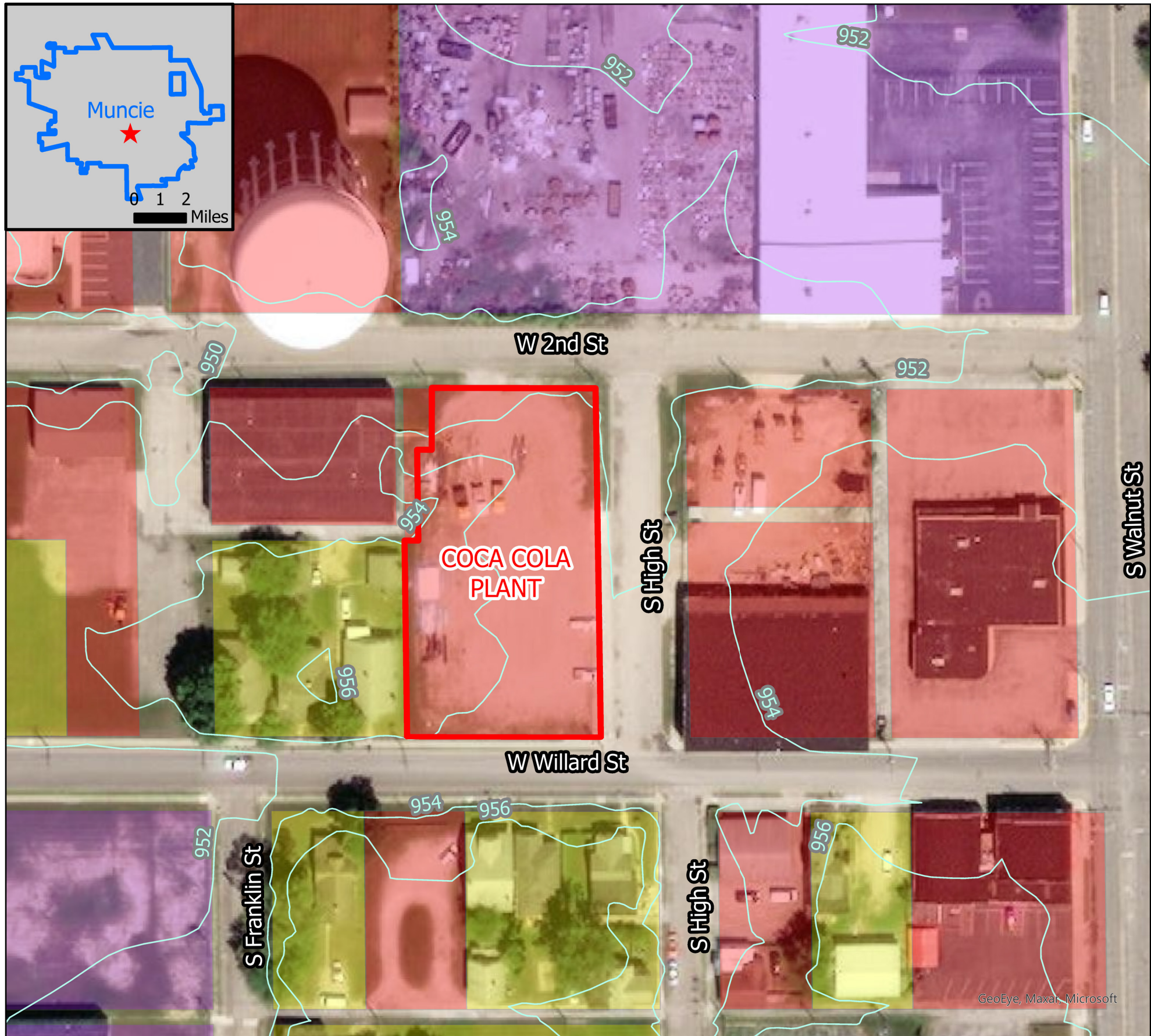


- Legend**
- Boundary
 - Railroads
 - Commercial
 - Contours
 - Residential
 - Industrial

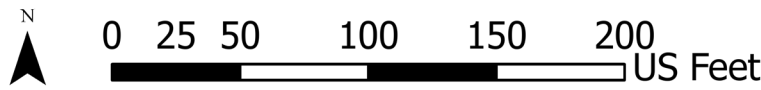
Group 2: Christian Terrell, Enzo Lundy, Lauren Doppke, Mathew Pytel, Kaelyn Leach
 Sources: US Census Bureau, US Environmental Protection Agency, National Renewable Energy Laboratory, Ball State University GIS Database

SITE NAME	Former American Lawnmower Co.
Address	705 E 18th Street, Muncie, IN 47302
Brownfield Program	EPA Brownfields, IDEM Brownfield Program
Area	4.2 acres
Zoning	Intense Industrial
Municipality	Southside Neighborhood, City of Muncie, Delaware County, IN
Distance to Substation	0.2 miles
Distance to Transmission Line	2.1 miles
Distance to Major Road	0 miles
Ownership	Historic Brownfield Redevelopment Corp.
Summary of Existing Land Use, Condition, and Restrictions	Existing structures and rubble on-site, large amounts of vegetation, and worn out fencing around the entire parcel
Property Progress and Financial Assistance	Comfort Letter Issued to all Parties (8 Dec 2010). EPA estimates the greatest potential for the site is at the large utility scale and can produce greater than or equal to 100 MW.
Estimated Annual Solar Energy Production	3,658,415 kWh/year
Estimated Annual Energy Value	\$310,965
Estimated Solar Power Capacity	417.6 kW
Suggested PV System Specifications	DC System Size: 2699.8 kW Module Type: Standard Array Type: Fixed (open rack) Array Tilt: 30 degrees
Greenhouse Gas Equivalencies	559 passenger vehicles driven for one year 298 homes' energy use for one year 438 homes' electricity use for one year 3,378 acres of U.S. in one year
Remarks and Suggestions	Due to the unknown extent of contaminants and extensive clean-up of the site of former structures, this site is not a good candidate for the solar development.



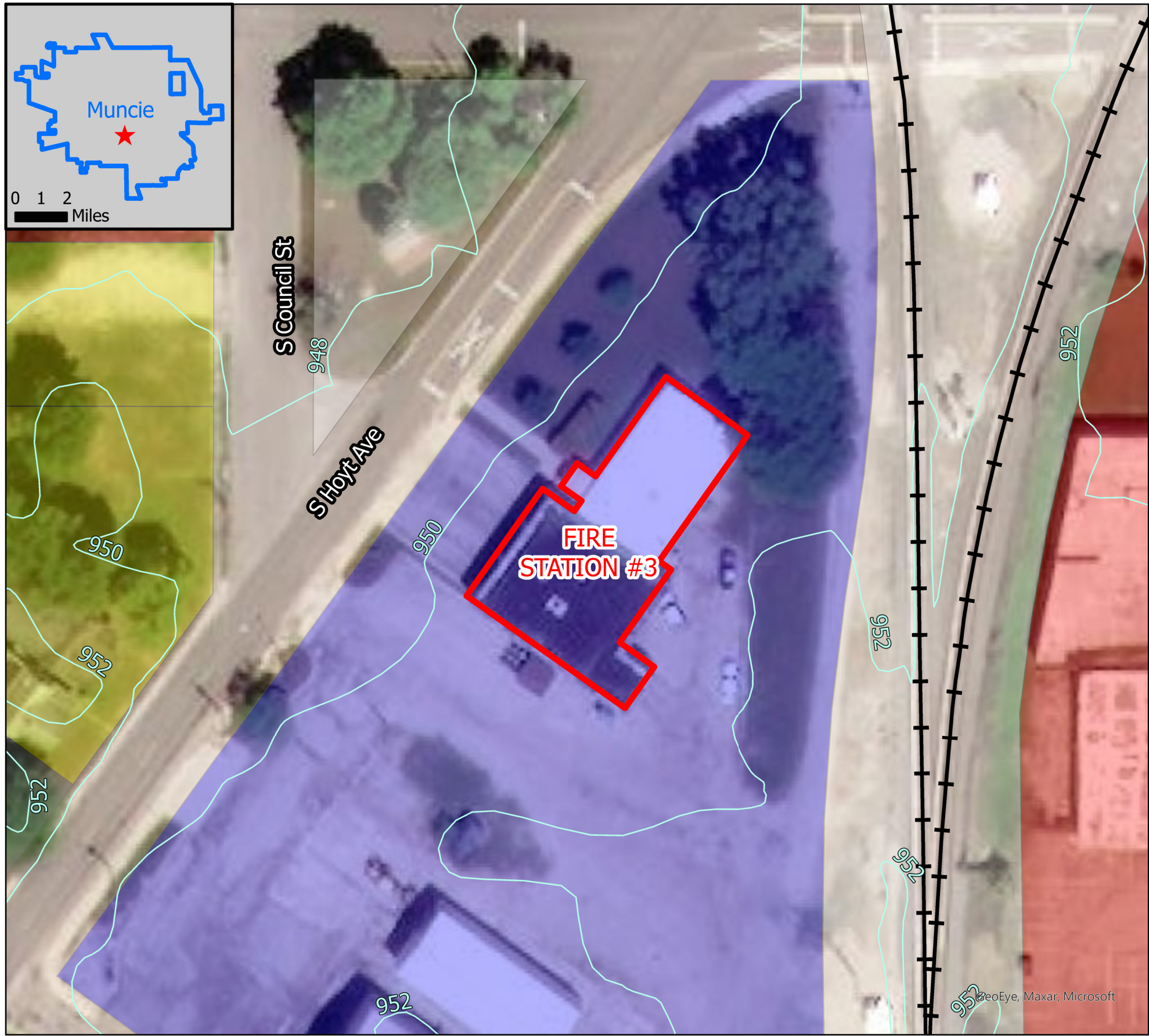
Legend

- Boundary
- Residential
- Industrial
- Contours
- Commercial



Group 2: Christian Terrell, Enzo Lundy, Lauren Doppke, Mathew Pytel, Kaelyn Leach
 Sources: US Census Bureau, US Environmental Protection Agency, National Renewable Energy Laboratory, Ball State University GIS Database

SITE NAME	Coca Cola Plant
Address	200 W Willard Street, Muncie, IN 47302
Brownfield Program	IDEM Brownfield Program
Area	0.3 acres
Zoning	Intense Industrial
Municipality	South Central Neighborhood, City of Muncie, Delaware County, IN
Distance to Substation	0.2 miles
Distance to Transmission Line	3.1 miles
Distance to Major Road	0 miles
Ownership	Environmental Construction Inc.
Summary of Existing Land Use, Condition, and Restrictions	Mostly flat land laid with gravel, currently used to store the parcel owner's construction vehicles
Property Progress and Financial Assistance	SEP awarded 4/16/2009
Estimated Annual Solar Energy Production	550,565 kWh/year
Estimated Annual Energy Value	\$46,797
Estimated Solar Power Capacity	62.9 kW
Suggested PV System Specifications	DC System Size: 1628.9 kW Module Type: Standard Array Type: Fixed (open rack) Array Tilt: 30 degrees
Greenhouse Gas Equivalencies	84.1 passenger vehicles driven for one year 44.9 homes' energy use for one year 65.9 homes' electricity use for one year 508 acres of U.S. forests in one year
Remarks and Suggestions	Although zoning is ideal for a solar development, due its relatively small size and distance to transmission net works lines, this site is not a good candidate for solar panels.



Group 2: Christian Terrell, Enzo Lundy, Lauren Doppke, Mathew Pytel, Kaelyn Leach
 Sources: US Census Bureau, US Environmental Protection Agency, National Renewable Energy Laboratory, Ball State University GIS Database

SITE NAME	Muncie Fire Station #3
Address	1200 S Hoyt Avenue, Muncie, IN 47302
Brownfield Program	N/A
Area	6229.3 ft ²
Zoning	Variety Business
Municipality	Thomas Park/Avondale Neighborhood, City of Muncie, Delaware County, IN
Distance to Substation	0.4 miles
Distance to Transmission Line	2.9 miles
Distance to Major Road	0 miles
Ownership	City of Muncie
Summary of Existing Land Use, Condition, and Restrictions	Flat and accessible rooftop, building still operational as a city fire station.
Property Progress and Financial Assistance	None
Estimated Annual Solar Energy Production	113,555 kWh/year
Estimated Annual Energy Value	\$9,650
Estimated Solar Power Capacity	13.0 kW
Suggested PV System Specifications	DC System Size: 83.9 kW Module Type: Standard Array Type: Fixed (roof mount) Array Tilt: 30 degrees
Greenhouse Gas Equivalencies	17.3 passenger vehicles driven for one year 9.3 homes' energy use for one year 13.6 homes' electricity use for one year 105 acres of U.S. forests in one year
Remarks and Suggestions	Due to the relatively large amount of solar capacity and ease in setting up solar panels on its flat roof, this Fire Station is a good candidate for solar panels.



Legend

- Boundary
- Commercial
- Vacant
- Contours
- Institutional
- Residential
- Agricultural

0 45 90 180 270 US Feet

Group 2: Christian Terrell, Enzo Lundy, Lauren Doppke, Mathew Pytel, Kaelyn Leach
 Sources: US Census Bureau, US Environmental Protection Agency, National Renewable Energy Laboratory, Ball State University GIS Database

SITE NAME	Longfellow Elementary School
Address	1700 N Elgin Street, Muncie, IN 47303
Brownfield Program	N/A
Area	5.4 acres
Zoning	Residence Zone 4
Municipality	City of Muncie, Delaware County, IN
Distance to Substation	1.0 miles
Distance to Transmission Line	2.1 miles
Distance to Major Road	0 miles
Ownership	City of Muncie
Summary of Existing Land Use, Condition, and Restrictions	Mostly flat land, sparse vegetation, currently used as additional play space for students
Property Progress and Financial Assistance	None
Estimated Annual Solar Energy Production	4,383,080 kWh/year
Estimated Annual Energy Value	\$372,563
Estimated Solar Power Capacity	500.4 kW
Suggested PV System Specifications	DC System Size: 3288.0 Module Type: Standard Array Type: Fixed (open rack) Array Tilt: 30 degrees
Greenhouse Gas Equivalencies	670 passenger vehicles driven for one year 358 homes' energy use for one year 525 homes' electricity use for one year 4,047 acres of U.S. forests in one year
Remarks and Suggestions	Due to its relatively farther distances to substations and transmission lines, it is recommended that this site is shelved for solar.