

Avondale Green Stormwater Infrastructure Demonstration Project

PROJECT SPONSOR:

White Clay Watershed Association

PROJECT CONSULTANT:

Meliora Design & ThinkGreen

PROPOSED WORK:

Task 1 – Community Greening Plan

Task 2 – Demonstration Greening Project

Goals:

- Help alleviate reoccurring flooding
- Reduce stormwater pollution
- Install a demonstration stormwater project
- Enhance a walkable community gathering space

Project Funding:

- White Clay Watershed Association Grants
 - National Park Foundation
 - White Clay Wild and Scenic River
 - River Network
 - **Growing Greener (due June 24th)**

Project Schedule:

- Kicked off project May 2022
- Applying for Growing Greener Grant now for Demonstration Project
- Greening Plan: Summer 2022-Winter 2023
- Demonstration Project: Design Winter 2023, Construction late Spring 2023 if receive GG

WHAT'S A RAIN GARDEN?

Landscaped, depressed area that ponds stormwater and uses plant and soil system to store, infiltrate, and reduce runoff to surface waters

WHAT'S A WATERSHED?

Land area that drains to a common waterway like White Clay Creek

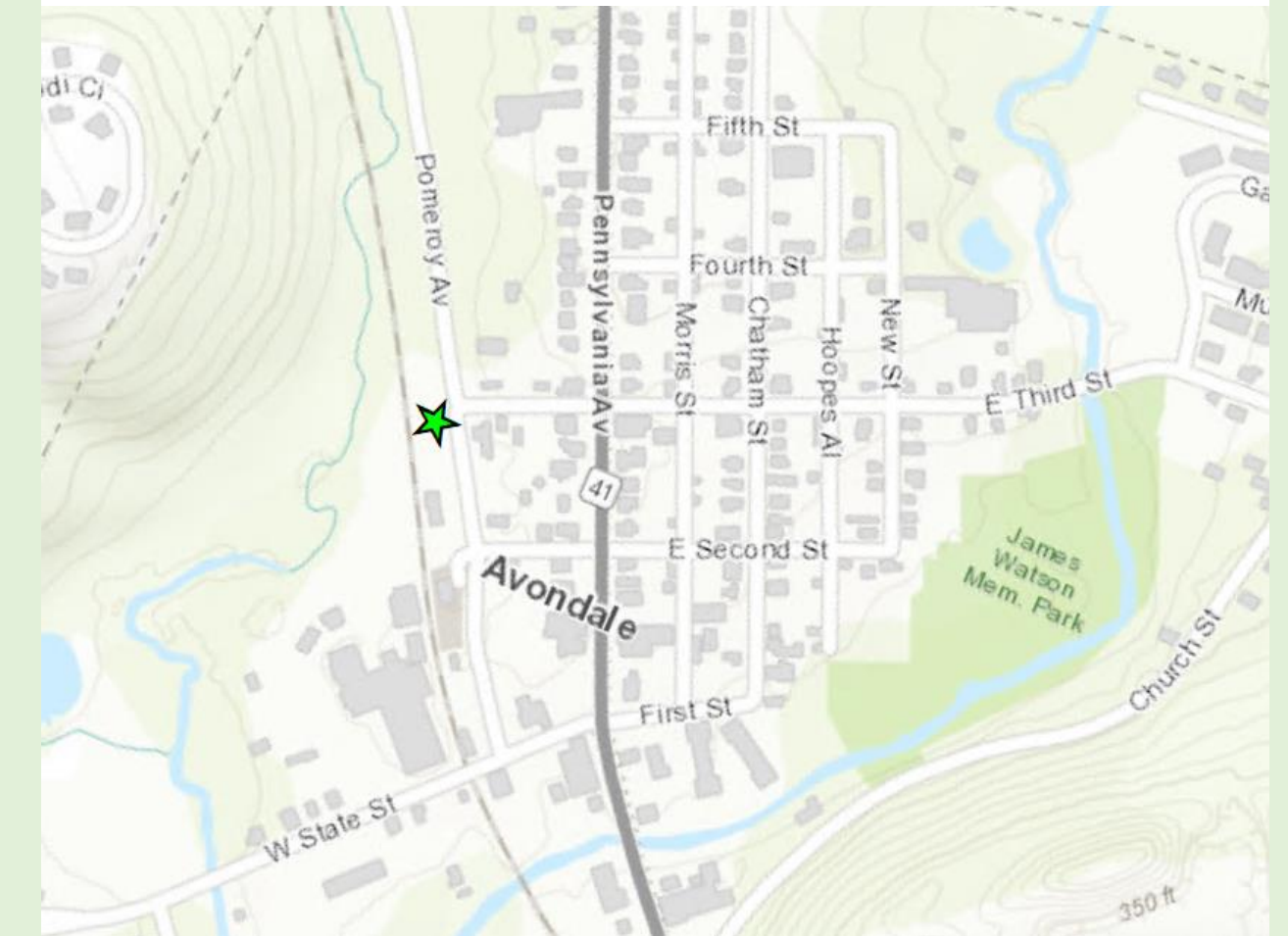
DEMONSTRATION SITE:

Boro-owned land next to Pomeroy Park

DEMONSTRATION PROJECT:

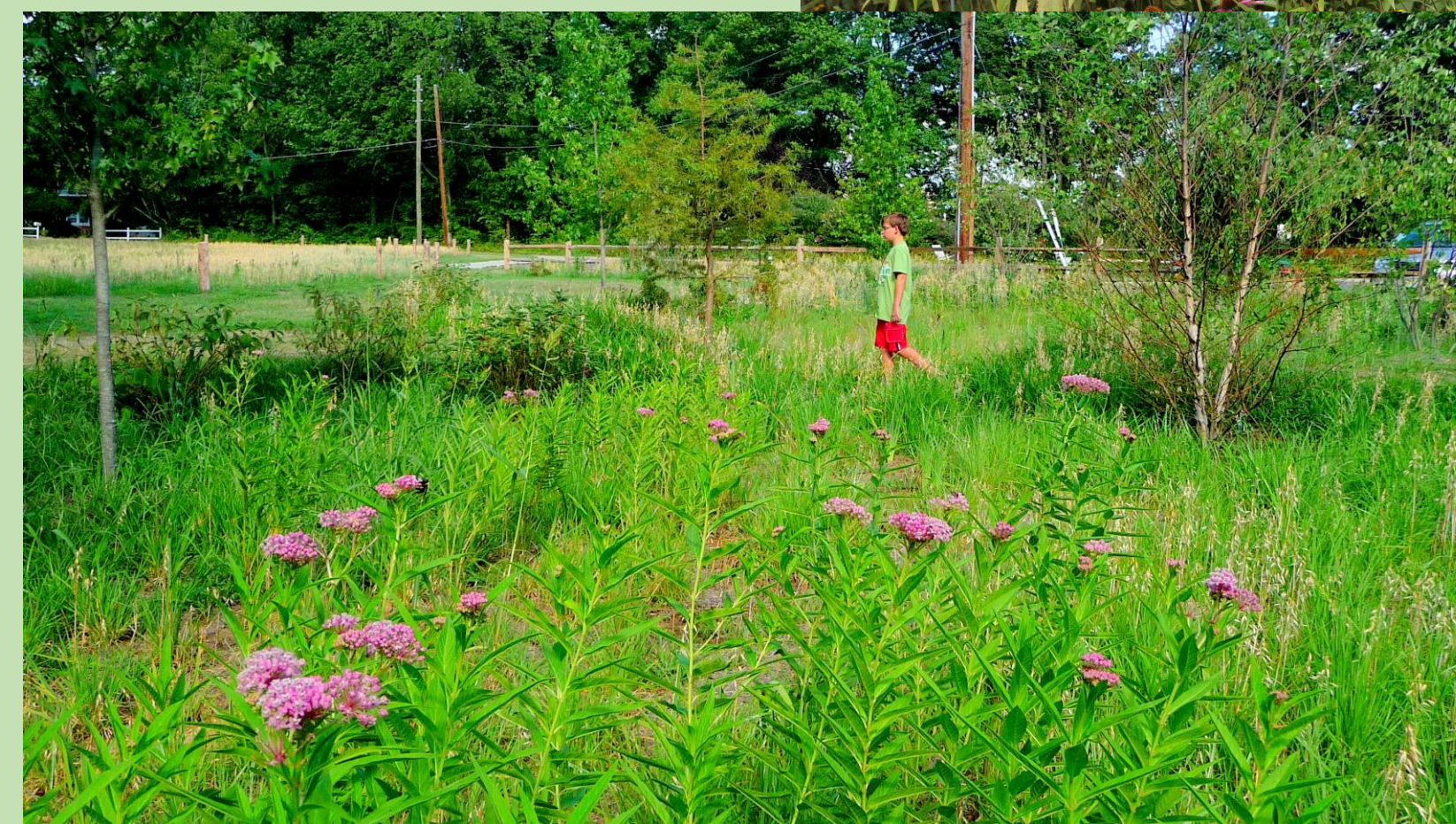
Convert a portion of lawn space into a stormwater rain garden
+ add shade trees & landscaping
+ add seating areas
+ utilize existing drainage patterns

LOCATION MAP:

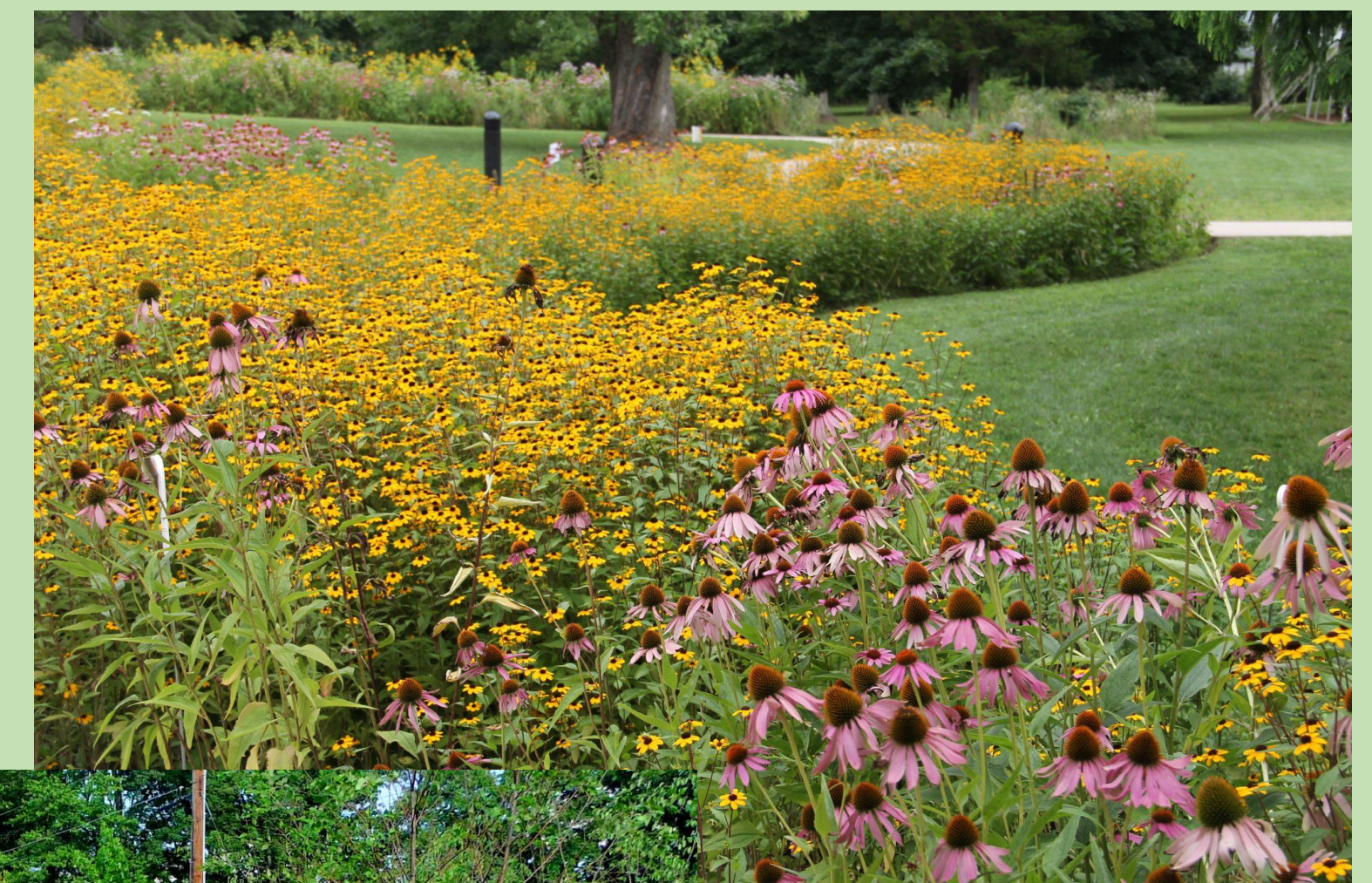


Initial concepts can convert the existing lawn into naturalized rain garden and gathering spaces

Convert mowed lawn into naturalized rain gardens with native landscaping and trees



Landscaping can be designed for low maintenance



Incorporate shade trees to provide tree canopies for cooling, habitat, and air quality

