

A stylized, colorful illustration of a landscape. The foreground features rolling green hills with dark brown soil patches. On the left, there is a green tree, a purple flower, and an orange flower. A small red bird is flying in the sky above the tree. The background consists of layered, wavy blue and white bands representing the sky.

Lanchester Landfill's

Wildlife at Work Program

Lanchester Landfill's 2015 Wildlife Management Plan

- *A Wildlife Management Plan outlines goals of the wildlife habitat program*
- *Updated when new projects are added or if a project was unsuccessful*
- *It provides direction and detailed information to guide you through your projects*
- *It lists native plants that will provide benefits to wildlife*

Lanchester Landfill's Wildlife at Work Program

- Member of the Wildlife Habitat Council since February 2009
- We are committed to improve wildlife habitat on our site
- As of May 2015 we have 15 Wildlife Habitat Projects
- We work with the PA Game Commission for guidance with our wildlife habitat
- USDA Wildlife Services assists us with our deer management & with the assistance of the PA Game Commission we hold a Disabled Veteran's Hunt yearly

Certified Wildlife at Work Program





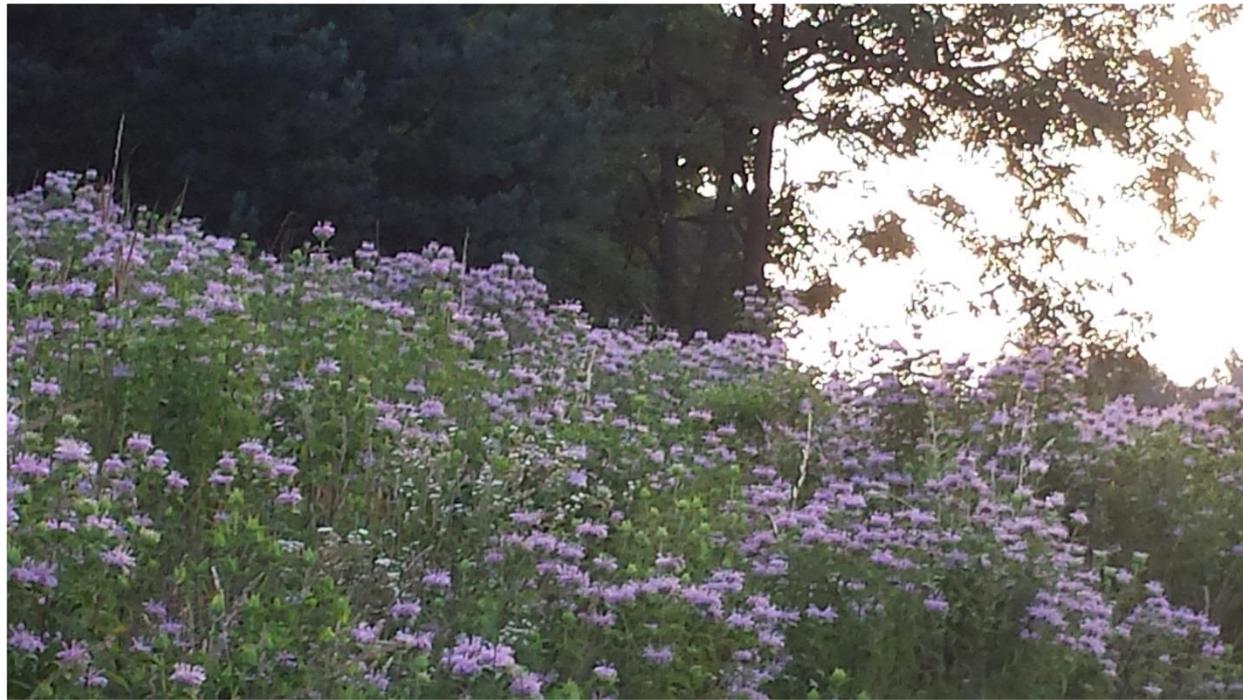
Project #1 Construct Brush Piles

As wood decays, it slowly returns nutrients to the ground and supports colonies of insects on which many animals feed. We have these along our nature trail and are replenished as needed.



Project #2 Grassland Project

Grasslands provide habitat for both nesting and rearing young and mowing is the primary reason for the decline of many grassland birds. We only mow once a year in the fall when the nesting and brooding season is done



Project #3 Unsuccessful Project

Wildflowers were planted in different areas on site. Unfortunately the seeds did not take. We have created new projects that replace this one. Some started in spring 2015 and more will start in the spring of 2016.



Project #4 Nest Box Program

Nesting Boxes are set up around the perimeter of the landfill where there is open grassland and trees close by. Our nesting data is recorded with Nest Watch. This has been a very successful project.



Kestrel Nesting Boxes are on telephone poles overlooking open grasslands which provide small mammals and insects for the Kestrel's to eat.



PVC Nesting tubes are used by many different birds. Blue birds, tree swallows, Carolina Wrens are just some of the birds that have used these to raise their young



PVC Cylinder



Wood Nesting Box



Unhatched eggs



*All of the different
Nesting Materials
Used*



*All of the different
Nesting Materials
Used*

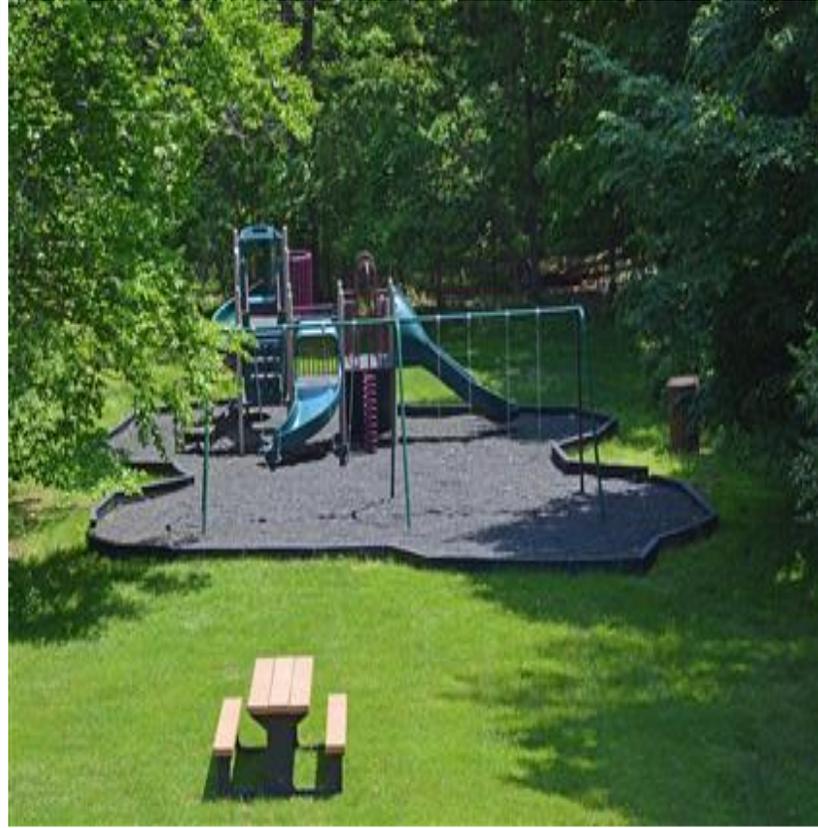


*We have geese,
ducks, owls, just to
name a few that
nest on site*



Project #5 Nature Trail Project

The trail will be extended each year. A full hike is approximately 4 miles. We have steep challenging sections or you can take a milder detour. There is a picnic area and playground at the start of the trail with benches along the trail.



*Some of the things
you will find along
our trail*



*Some of the things
you will find along
our trail*



Project #6 Invasive Species Management

A Management Plan was put together for the control and removal of invasive species on site and to replace with native vegetation



Project #7 Wildlife Habitat Improvements at Pond 7

A transitional habitat is highly valuable for species that utilize multiple distinct habitats during various stages of their life cycle. It offers safe travel that provides cover and protection from predators.



Project #8 Wildlife Habitat Improvements at Pond 1

A transitional habitat is highly valuable for species that utilize multiple distinct habitats during various stages of their life cycle. This project was planned to provide a habitat for pollinators



Project #9 Fish Pond & Native Plantings

A pond was designed to provide a balanced ecosystem that's 100% sustainable with minimal seasonal maintenance. Phase 1 of the native plantings was done in 2014. Phase 2 of the native plantings will be in the fall of 2015



Fish Pond



*Phase 1 of the
native plantings
2014*



*Area where Phase 2
of the native
plantings will be*



Project #10 Bee Keeping

We started bee keeping in 2014. We have three hives. The bees have plenty of water and pollen with the Fish Pond and Monarch Garden in the same area.



We had a sample taste of our honey in 2014. In the spring of 2015 we added the honey supers to start harvesting honey in the summer



Project #11 Monarch Waystation

The monarch butterfly is losing its habitat at an alarming rate. Milkweed is needed in the spring and summer not only as food but they use the milkweed for their larvae.



By creating a Monarch Waystation we are helping to contribute to the conservation of the Monarch Butterfly



The Monarch Garden is used by many insects for food and shelter.



The Monarch Garden is very colorful and not a lot of maintenance. Think about planting one in your yard.

You can get information and seed kits at www.MonarchWatch.com



How you can help:

Eliminate pesticide use.

Create a pollinator friendly habitat using native flowering plants

Join the pollinator Partnership and get involved at www.pollinator.org



Project #12 Deer Management

We have insufficient native forest regeneration because the deer population is so high.

We had USDA Wildlife Services conduct a deer survey and the results were we had to thin our herd



From the survey results we had to make deer damage management decisions. From those decisions we made our Deer Management Plan.

Part of the plan was to plant food plots high in protein to assist in getting a healthier deer herd.



It was decided to have a controlled hunt inside the fence. With the help of Wildlife Services and the PA Game Commission



Two Youth signed up in 2012 and within two hours they each had an 8 point buck



2013 with the help of Wildlife Services & the PA Game Commission and volunteers we held our 1st Annual Disabled Veterans Hunt.



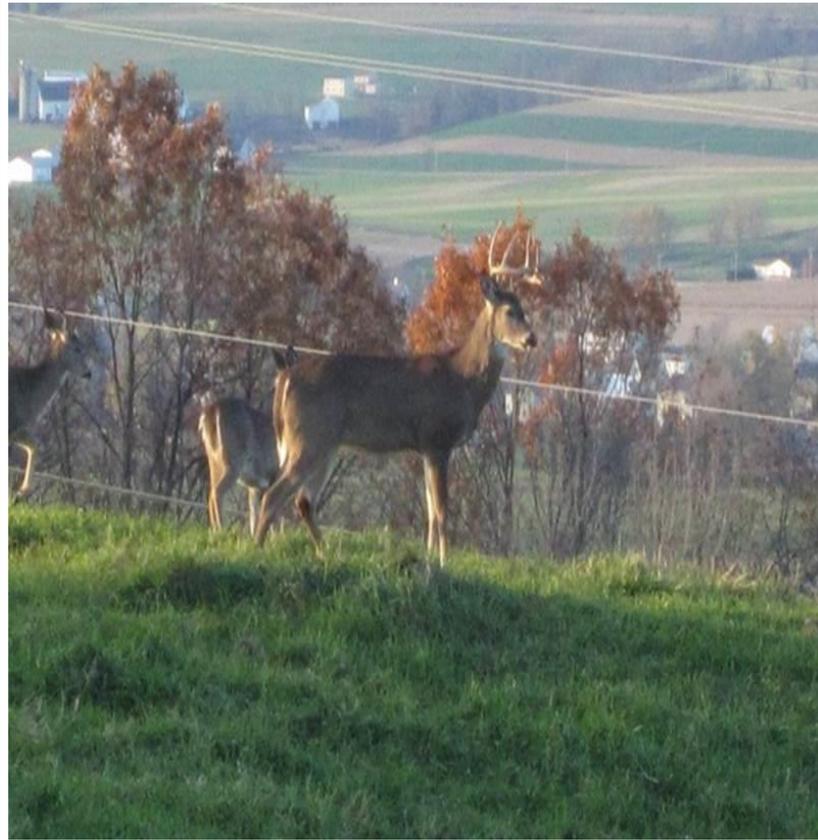
2014 again with the help of Wildlife Services & the PA Game Commission and even more volunteers we held our 2nd Annual Disabled Veterans Hunt.



Project #13 Woody Vegetation on the landfill cap

Goals of planting vegetation on the landfill cap are: Erosion control, Aesthetic functions, promote certain plant species over weed growth, and to provide quality habitat for wildlife.

This project will have three phases.



April 9, 2015 an application for a demonstration project with the PADEP was submitted for Phase 1.



Juvenile Bald Eagle



Project #14 Seedling Project

Our goal is to plant native trees and shrubs to enhance our wildlife habitats around the site.



Area 1 is along our access road and Pond 9



Area 2 is at our New Compost Site.



Area 3 is at Pond 7 which is along our Nature Trail



*Project #15
Future Nature Center
Will also be used as a Learning Center.*

79 Lanchester Road

House

- *Plans are to manage the Wildlife Habitat Program from there.*
- *There will be a classroom to hold our Science Explorers Programs there and plans are in the works to have a summer camp for local youth.*
- *This house was built in the early 1800's and repairs are needed to prevent any more damage.*
- *Plans are to have it fully restored within a couple of years.*

Nature/Learning Center



79 Lanchester Road

Barn and yard

- We use the barn and pasture for our two donkeys Jenny and Jack.
- We have put up nesting boxes and we monitor them once a week.
- We are planting a large Monarch Garden next to the barn. We already have milkweed growing along the fence and in the pasture.

Monarch Garden & Nesting Boxes



Eagle having lunch at the landfill face





We had to stop the compactor because he wasn't going to move



He actually found red meat and ate it



He thinks he found something else!