Meeting Agenda

1. Inventory & Analysis Recap
2. Conclusions from Public Input & Alternatives
3. Master Plan
4. Focus Areas
5. Next Steps
1. Inventory & Analysis Recap

Four Categories
NATURAL RESOURCES

Challenges

- **Stormwater** quantity and quality after rain events
- Steep slopes are prone to **erosion**
- Protection of **sensitive areas** from impacts of increased park programming
- Limited number of **ecological cover types**

Opportunities

- Safeguard and improve **water quality** while reducing stormwater flow
- Showcase/celebrate the **unique natural features**
- Provide natural resource **education and interpretation**
- Enhance wildlife habitat and **successional landscapes**
CULTURAL RESOURCES

Challenges

• Limitations of old and contemporary structures
  use and program

• Maintenance facility occupies the central location in the open space of the park

Opportunities

• Cultural resource education and interpretation

• Adaptive re-use of old and contemporary structures
RECREATIONAL AMENITIES

Challenges

• Lacking in *visitor accommodation*
• Steep slopes and *accessibility*
• How to *complement* other regional outdoor amenities *without competing* within the region

Opportunities

• Improved trail hierarchy & trail surfaces for *multiple users*
• *Increased programming* and special events
INFRASTRUCTURAL AMENITIES

Challenges

- **Limited vehicular circulation** within the site
- Only **one public access** to the park
- Limited amount of **parking spaces** (how to balance with increased program?)
- Need for public **restrooms**

Opportunities

- **Improved access** to park/new gateways
- **Enhanced circulation** plan serving all users
- **Increased facilities** to accommodate visitors
2. Conclusions from Public Input & Alternatives
I LOVE THE NATURAL BEAUTY.

Keep it as is, maybe add a restroom.

Leave it alone.

I would love to ride a mountain bike. (pretty please!)

It is a hidden gem.

Don’t try and make this small park anything other than a small park.
What do you **like best** about the park?
What suggestions do you have to improve the park?
What is the purpose of your current visits?

1. Walking  72%
2. Nature    55%
3. Exercise  48%

What do you value most about the park?

1. Beauty
2. Recreation
3. Relaxation
What would you **like to see** at Wolf’s Hollow?:

<table>
<thead>
<tr>
<th><strong>VERY INTERESTED</strong></th>
<th><strong>VERY UNINTERESTED</strong></th>
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<tbody>
<tr>
<td>HIKING TRAILS</td>
<td>EQUESTRIAN TRAILS</td>
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<td>OBSERVATION /</td>
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<td>OVERLOOKS</td>
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<td>BIKING TRAILS</td>
<td>BOCCE COURTS /</td>
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<td></td>
<td>HORSESHOE PITS</td>
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<td>ZIP LINES / ROPES</td>
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<td>INTERPRETATION &amp;</td>
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What level of programming (i.e., development) would you like to see?
To summarize, two ways to develop the park within the range of Committee and Public input:

- **Alternative 1:** Low Intensity
- **Alternative 2:** Medium Intensity

Could lead to (a) making a choice or (b) considering the two alternatives as development phases.

A Framework – **Not a fixed design**

This exercise is intended to provide future flexibility for the County with a baseline of stewardship actions and the ability to increase recreational use over time, if desired.
From Alternatives to Phases

Phase I - Preserve

- **Natural Resources**: habitat improvements
- **Green Infrastructure**: stormwater management & erosion controls
- **Cultural resources**: safety & stabilization
- **Years**: 0 – 5

Phase II - Enhance

- **Natural Resources**: ongoing management
- **Infrastructure**: gateways, roads, parking
- **Recreation**: programs and event spaces
- **Green infrastructure**: larger measures
- **Years**: 5 – 15

Phase 3 - Grow

- **Extend beyond the current planning range** and represent park recommendations which are **greater than 15 years away**
- **Important to include in this plan in order to inform direction or take advantage of unexpected opportunity**
3. Master Plan
Wolf’s Hollow Master Plan

Five Themes

1. Natural Resources
2. Green Infrastructure & Stormwater
3. Cultural Resources
4. Recreation
5. Infrastructure
Natural Resources: Management Zones

1. Preserve **existing habitat** resources

2. Enhance new habitat zones to **increase diversity** of species

3. Grow visitor base through **increasing interest** in wildlife and easier access to a more **varied experience**
Natural Resources: Key Features

Mature Forest
(100-acre patch)

Grassland Fields
(25-acre patch)

Abundant Water

Sycamore Creek
Natural Resources: Key Habitat

Existing Dominant Habitat Types

RIPARIAN | MATURE FOREST | HAYFIELD
Natural Resources: Key Habitat

Proposed Habitat Enhancement
Natural Resources: Key Habitat

Proposed Habitat Enhancement

The Edge
Create a dynamic edge:

**Natural Resources: Key Habitat**
1. Preserve natural character and **protect natural assets**

2. Enhance ability of the landscape to cope with **stormwater runoff**

3. Grow natural buffers and **improve conditions** which contribute to a healthy hydrologic system
Green Infrastructure & Stormwater

Stormwater Toolbox
- Reduce mowing (reduce compaction, slow runoff) and Protect Upland Drainage Paths
- Restore riparian buffers
  - Sunny areas
  - Wooded areas
- Detention basin retrofit (Offsite – would require cooperation of adjoining landowner)
- Wet meadows
- Parking areas – infiltration trenches, rain gardens, or porous pavement
- Structural reinforcement (boulders, check dams) only in eroded gullies
- Level spreader at barn outlet
- Infiltration basin at toe of slope

Stormwater Guiding Principles
- Start at the top of the drainage area
- Slow the water
- Disperse the water
- Vegetate and restore natural conditions
- Do not compact
Green Infrastructure & Stormwater

Reduce Mowing – selected areas
Green Infrastructure & Stormwater

Restore Riparian Buffers along creek
Detention Basin Retrofit above Orchard House
(Offsite – would require cooperation of adjoining landowner)
Green Infrastructure & Stormwater

Example Detention Basin Retrofit - Before
Green Infrastructure & Stormwater

Example Detention Basin Retrofit - After
Green Infrastructure & Stormwater

Wet Meadow + Infiltration Bed at Orchard House
Green Infrastructure & Stormwater

Rain Garden/Wet Meadow
Green Infrastructure & Stormwater

Infiltration Bed
Infiltration Trench
Green Infrastructure & Stormwater

Level spreader at Barn

(Existing outlet)
Green Infrastructure & Stormwater

Level spreader at Barn
Riparian Buffer – selected areas
Green Infrastructure & Stormwater

- Choose native plantings suited to sun and soil conditions
- Start by not moving until tree planting can be implemented
- Thin canopy by removing invasive trees and plants to allow understory growth
- Protect trees from deer browse
Floodplain Restoration
At Dam
Green Infrastructure & Stormwater

Floodplain Restoration Example

Hammer Creek Floodplain Restoration Project
Credit: Land Studies
Floodplain Restoration with boardwalk

River Norges Wet Meadow Project
Credit: Territoires
Green Infrastructure & Stormwater

Parking Lots
Green Infrastructure & Stormwater

Parking Lot

- Porous Paving, Infiltration Trenches, & Rain Gardens
Green Infrastructure & Stormwater

**Check Dams**—Recommended for eroded gullies or abandoned trails
Check Dams & Riffle Pools – Successful Examples

- Washington National Cathedral
Cultural Resources

1. Preserve existing significant features or structures of importance
2. Enhance safety and accessibility for visitor enjoyment
3. Grow interpretation experience for visitors
1. **Visionary Center** – Demo and retain historic foundation

2. **Barn Complex** – Retain and improve for increased public access

3. **Orchard House** – stabilize and protect for potential interpretive opportunity

4. **Manor House** – use to be determined by Chester County
1. **Covered Bridge** – create view with selective thinning
2. **Mill Ruins** – interpretation opportunity
3. **Stone walls / homestead** – interpretation opportunity
4. **Viewpoints / Charcoal Pits** – preserve views, interpretation opportunity
5. **Historic Road** – interpretation opportunity
6. **Fences** – stabilize & maintain
7. **Dam** – stabilize for safety & access
8. **Boathouse** – stabilize for potential gathering space
1. Preserve existing trails that do not cause maintenance problems
2. Enhance trail network with surface upgrades, signage, and erosion control
3. Grow recreation opportunities by providing ease of access and connection
1. **New Core Loop**
   A. Level, all-abilities trail providing ADA access

2. **Additional connections** and access

3. **Removal of problematic trail sections**

4. **Possibly biking**
Recreation: Trails

Trailhead / Viewpoint / Intersection

- Stormwater
- Seating
- Habitat
- Signage

Trail
Recreation: Facilities Improvements

- **P** Pavilions (small & large)
- **R** Restrooms
- **L** Day Lodge (base camp)
- **F** Fishing Platform
Recreation: Facilities Improvements

Plan seeks to provide flexibility and capacity for ongoing evolution of Wolf’s Hollow.
Recreation: Facilities Improvements
Recreation: Programming & Activities

1. Organized group camping
2. Event Lawn
3. Sledding Hill
4. Amphitheater
5. Butterfly Meadow
6. Dam Area
7. Ropes Course
8. Disc Golf
1. Preserve and **maintain** existing access and facilities
2. Enhance **access options** and park circulation
3. Grow capacity with **new parking**, road widening, and gateway features
1. **Expanded parking capacity**
   - **A. Existing lot**
     - Additional 25 spaces
   - **B. Picnic pavilion**
     - 50 spaces
   - **C. Barn complex**
     - 50 spaces
   - **D. North end**
     - Bus parking & 10 spaces

2. **Gateways**
   - **A. New Glen Run Rd.**
   - **B. Existing Schoff Rd.**
1. **Wolf’s Hollow Drive**
   - A. Widening for two-way access to Manor House
   - B. Parallel trail & vehicular pull-outs
   - C. Gates at Manor House and Glen Run entrance

2. **Maintenance vehicle access**
   - A. Wolf’s Hollow Drive from Manor House to Barn Complex

3. **Glen Run Rd.**
   - A. Widening for two-way traffic
   - B. New entrance

4. **Group access**
   - A. Gated entry to north end
   - B. Bus turnaround
1. **Wolf’s Hollow Drive**
   
   A. Widening for two-way access to Barn complex
   
   B. Parallel trail & vehicular pull-outs

2. **Group access**
   
   A. Gated entry to north end
   
   B. Bus turnaround
4. Focus Areas
Where five themes come together to create a sense of place, and have the potential to be the most impactful.
Finding level ground
Aligning the trail

Core Loop Trail

Existing Forest Edge

Octoraro Creek

Glen Run Road

Volina Hollow Drive
Working the edge
Intentional & coordinated landscape and habitat management will provide many benefits, but take time.
Forest management will remove some trees, but this is beneficial to the forest ecosystem as a whole. Clearing poor trees improves wildlife food and habitat, appearance, and overall health of the woodlot.
The Dam
Four upstream initiatives:

1. Wet meadow behind dam
2. Lip-level spreader below barn complex
3. Orchard house
   A. Detention basin
   B. Wet meadow
4. Entry drive
5. Next Steps
Next Steps

I. Finalize the Master Plan Design

II. Develop the cost estimate
   A. What are potential sources for funding?
   B. What are the potential approaches for implementation:
      1. In house tasks
      2. Volunteers
      3. Grants
      4. County CIP

III. Develop the General Maintenance & Management Plan (GMMP)

IV. Prepare the Master Plan Report

V. Presentation to Chester County Commissioners and West Fallowfield Board of Supervisors.