Plan for a Sustainable Yellow Springs

Energy & Waste

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Vision

• Yellow Springs Is A Community That Seeks To Minimize Energy

• The Village Will Work To Close The Resource Loop Of Incoming Energy And Outgoing Waste

• Support A Healthy Ecosystem, Local Economy And Community While Preserving Natural Resources
Goals

• Advance Energy Efficiency

• Improve Solid Waste And Recycling

• Improve Village Infrastructure And Wastewater Capabilities
Areas of Interest

• Energy Consumption and Conservation
• Solid Waste and Recycling
• Water Consumption
• Wastewater Management
Energy Consumption and Conservation

Opportunity Analysis Findings

• Consumption of electricity is relatively low

• Existence of alternative “green” construction

• According to Census 2000 regarding transportation, 72% of residents commute to work in personal automobile
Energy Consumption and Conservation

Sustainability Recommendations

• Create a resource center for green construction practices and materials
• Create a green rating system for buildings in Yellow Springs
• Join AMP-Ohio’s Green Pricing Program
• Expand usage of the MVRPC’s Rideshare Program
Solid Waste and Recycling

Opportunity Analysis Findings

• Village has successful solid waste program

• Rumpke provides both recycling and garbage collection

• “Pay-as-you-throw” system
Solid Waste and Recycling

Sustainability Recommendations

• Participate in the Greene County’s Adopt-A-Spot program
• Improve waste and recycling collection in public places and during events
Water Consumption

Opportunity Analysis Findings

- Water consumption has decreased nearly 20% over past decade
- Village is interested in increasing water consumption for revenue
Water Consumption

Sustainability Recommendations

• Continue to educate Village residents on water conservation

• Increase utility revenue through Economic Development

• Create a Village stormwater utility

• Continue to protect the water source as outlined in the Wellhead Protection Management Plan
Wastewater Management

Opportunity Analysis Findings

• The maximum wastewater flow is after high-rain (storm) events

• Water regularly tested under National Pollution Discharge Elimination System
Wastewater Management

Sustainability Recommendations

• Facilitate the Installation of Alternative Technologies
• Use Biological Systems to Treat Wastewater