

# 2018 Town of Middleton Budget Estimate for Natural Areas Management

Conservancy Work Area and Activity	Estimated Cost		Comments
	Maintenance	Development	
<b>Goth Park</b>			
Prescribed burn of prairies and woodlands to stimulate native ground layer establishment and facilitate invasive plant control.	\$1,140		Woodlands were not burned in 2017. Budget for northeast prairie burn shifted from development to maintenance.
Control invasive woody and herbaceous species in the woodlands and northwest prairie; interseeding; monitoring; coordination with Town staff, park commission updates	\$6,100		Minimize garlic mustard, dame's rocket, Japanese hedge parsley, wild parsnip, reed canary grass, and burdock while protecting present desirable species.
Interseed area west of grape arbor		\$1,800	Brush and non-savanna trees removed in 2016 and 2017.
Northeast grassland prairie establishment and overseeding	\$1,800		Budget for northeast prairie shifted from development to maintenance.
Conduct public programs and/or develop interpretive media		\$750	Interpret natural history of site, trail connections, coordinate volunteer trainings.
Maintain fire breaks along perimeter (Town Crew)			Mow 2-3x during growing season.
<b>Goth Conservancy Total</b>	<b>\$9,040</b>	<b>\$2,550</b>	<b>\$11,590</b>
<i>% change from prior year</i>	<i>2%</i>	<i>-14%</i>	
<b>Settlers Prairie Park</b>			
Maintain existing prairie and restore former fenceline to prairie/savanna		\$3,100	Proposed in 2013 Management Plan. Would add 0.3 acre strip adjacent to prairie area and along planted maples. Weeds present pose a threat to adjacent prairie restoration.
Burn and weed management in north woodland; monitoring, coordination with Town staff, park commission updates	\$2,800		Prescribed burn in north woodland and prairie to control woody resprouts. Not burned in 2017. Budget transferred from development to maintenance.
Conduct public programs and/or develop interpretive media		\$650	Interpret natural history of site, trail connections
<b>Settlers Prairie Total</b>	<b>\$2,800</b>	<b>\$3,750</b>	<b>\$6,550</b>
<i>% change from prior year</i>	<i>33%</i>	<i>53%</i>	

***Hickory Woods***

N/A	\$0	\$0	No management.
<b>Hickory Woods Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i>% change from prior year</i>	<i>0%</i>	<i>n/a</i>	

***Noll Valley Savanna***

Control invasive woody & herbaceous species; monitoring, coordination with Town staff and TPE, park commission updates. (No prescribed burn this year)	\$3,900	\$0	Minimize reed canary grass, garlic mustard, Dame's rocket, and brush resprouts while protecting present desirable species.
<b>Noll Valley Total</b>	<b>\$3,900</b>	<b>\$0</b>	<b>\$3,900</b>
<i>% change from prior year</i>	<i>0%</i>	<i>n/a</i>	

***Cherrywood Forest***

Control invasive woody and herbaceous species in the woodland; interseeding; monitoring; coordination with Town staff, park commission updates	\$3,500		Maintenance efforts in 2018 are essential to protect the investment made in restoration since 2013.
Implementation of management option 4, "Oak Woodland Restoration-Basic" per memo to Park Commission dated 5/29/15; recommended to Town Board @ July 2015 Park Commission meeting.		\$1,800	No burn in 2018. Mitigate seed-bearing weeds, coordinate volunteer efforts, applying for grant funding and/or soliciting donations for seed.
<b>Cherrywood Forest Total</b>	<b>\$3,500</b>	<b>\$1,800</b>	<b>\$5,300</b>
<i>% change from prior year</i>	<i>n/a</i>	<i>0%</i>	

***Pope Farm Conservancy***

Maintenance of South Prairie, North Prairie, and Ravine; coordination with Town staff and FOPFC.	\$12,100		See detailed budget for Pope Farm (attached).
<b>Pope Farm Total</b>	<b>\$12,100</b>	<b>\$0</b>	<b>\$12,100</b>
<i>% change from prior year</i>	<i>-6%</i>	<i>n/a</i>	

<b>Total for all areas</b>	<b>\$31,340</b>	<b>\$8,100</b>	<b>\$39,440</b>
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*change from previous year (all areas)*

110%

-28%

2018 proposed budget (\$39,440) is less than (-4%) our 2017 granted budget. This budget includes extension of the Settler's Prairie Park prairie to incorporate the central fenceline area.

## 2018 Town of Middleton Budget Estimate For Natural Areas Management, by Month

Conservancy	Month	Estimated Cost		Activity
		Maintenance	Development	
Goth Conservancy				
	Jan	\$200		Consulting, monitoring and project management
	Feb	\$800		Consulting, monitoring and project management; woody invasive control
	March	\$500		Consulting, monitoring and project management; woody invasive control
	Apr	\$1,140		Prescribed burn in prairies and woodlands, followed by interseeding
	May	\$750	\$1,800	Herbaceous and woody invasive species control; Interseed in area west of grape arbor
	Jun	\$1,250		Herbaceous and woody invasive species control
	Jul	\$450		Herbaceous and woody invasive species control
	Aug	\$300		Consulting, monitoring and project management
	Sep	\$1,250	\$750	Developing interpretive sign/ media and conducting public programs; consulting and project management
	Oct	\$1,600		Herbaceous and woody invasive species control
	Nov	\$500		Herbaceous and woody invasive species control
	Dec	\$300		Consulting, monitoring, and project management
	Total	\$9,040	\$2,550	

### Settlers Prairie Park

Jan				
Feb	\$200			Herbaceous and woody invasive species control in north woodland
Mar	\$200			Consulting, monitoring and project management
Apr	\$750	\$675		Prescribed burn in north woodland, prairie, and central fenceline; site prep in central fenceline
May	\$300	\$450		Interseeding following burn in north woodland; site prep in central fenceline
Jun	\$300	\$1,525		Herbaceous and woody invasive species control in north woodland and prairie; Consulting, monitoring and project management; seed central fenceline

Jul	\$300		Herbaceous and woody invasive species control in north woodland and prairie; Consulting, monitoring and project management
Aug		\$650	Developing interpretive sign/ media and conducting public programs; consulting and project management
Sep	\$550	\$450	Herbaceous and woody invasive species control in north woodland and prairie; central fenceline; Consulting, monitoring and project management
Oct	\$200		Consulting, monitoring and project management; herbaceous and woody invasive species control in north woodland
Nov			
Dec		\$3,750	
<b>Total</b>	<b>\$2,800</b>	<b>\$3,750</b>	

#### ***Noll Valley Conservancy***

Jan			
Feb			
Mar	\$300		Herbaceous and woody invasive species control; consulting and monitoring
Apr	\$1,200		Herbaceous and woody invasive species control; consulting and monitoring; interseeding
May	\$500		Herbaceous invasive species control; consulting and monitoring
Jun	\$500		Herbaceous invasive species control; consulting and monitoring
Jul	\$500		Herbaceous invasive species control; consulting and monitoring
Aug	\$400		Herbaceous invasive species control; consulting and monitoring; seed collecting
Sep	\$100		Herbaceous and woody invasive species control; consulting and monitoring; seed collecting
Oct	\$100		Herbaceous and woody invasive species control; consulting and monitoring; seed collecting
Nov	\$300		Herbaceous and woody invasive species control; consulting, monitoring
Dec			
<b>Total</b>	<b>\$3,900</b>	<b>\$0</b>	

### ***Cherrywood Forest***

<b>Jan</b>			
<b>Feb</b>		\$700	<i>Apply for grant funding and/ or soliciting donations for seed and treatment of scattered brush resprouts</i>
<b>Mar</b>	\$700		<i>Remove non-desirable shrub/ tree species</i>
<b>Apr</b>		\$300	<i>Overseeding in woodland</i>
<b>May</b>	\$1,100		<i>Herbaceous and woody invasive species control; consulting, monitoring, and project management. Garlic mustard and Canada thistle management.</i>
<b>Jun</b>		\$400	<i>Herbaceous and woody invasive species control; consulting, monitoring, and project management.</i>
<b>Jul</b>			
<b>Aug</b>			
<b>Sep</b>	\$600		<i>Herbaceous and woody invasive species control; consulting, monitoring, and project management.</i>
<b>Oct</b>	\$1,100		<i>Herbaceous and woody invasive species control; consulting, monitoring, and project management. Garlic mustard management.</i>
<b>Nov</b>		\$400	<i>Herbaceous and woody invasive species control; consulting, monitoring, and project management. Overseeding, if not seeded in spring</i>
<b>Dec</b>			
<b>Total</b>	<b>\$3,500</b>	<b>\$1,800</b>	

### ***Pope Farm Conservancy***

<b>Jan</b>			
<b>Feb</b>	\$400		<i>Woody invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Mar</b>	\$400		<i>consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Apr</b>	\$200		<i>consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>May</b>	\$1,950		<i>Herbaceous invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>

<b>Jun</b>	\$3,300	<i>Herbaceous invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Jul</b>	\$2,200	<i>Herbaceous invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Aug</b>	\$1,450	<i>Herbaceous invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Sep</b>	\$600	<i>Consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Oct</b>	\$1,200	<i>Woody invasive species control; consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Nov</b>	\$200	<i>Consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Dec</b>	\$200	<i>Consulting, monitoring and project management including meeting with Town staff and the FOPFC</i>
<b>Total</b>	<b>\$12,100</b>	<b>\$0</b>