

Site Statistic Tables for Hyde Park Net-Zero Runoff
Revised 06-16-2021

Total Area Managed (acres)	Impervious Area Managed (acres)	*Phosphorus Load (kg/yr)	*Project Phosphorus Removal Efficiency (%)	*Phosphorus Reduction (kg/yr)	^Cost per kg Reduced Phosphorus Annually (\$/kg)
20.45	8.18	12.11	100%	12.11	\$4,940

- This conceptual design proposes infiltration systems to treat runoff from the Village of Hyde Park, Vermont. Five infiltration chamber systems along Main Street, one infiltration chamber system near Depot Street, and one surface infiltration basin with chamber overflow on Prospect Street.
- The project infiltrates 1,640,000 gallons of stormwater during the 100-year storm event and reduces runoff by 100%.
- A preliminary implemented cost estimate of \$957,200 was developed by Advanced Drainage Systems, Inc.

Name	# of MC-4500 chambers	Preliminary Cost
1P East Main Street	116	\$141,000
8P Church Street E Pre-Treatment	36	\$48,000
9P Church Street W Pre-Treatment	1 (DC-780 Chambers)	\$1,200
13P Main Street (Courthouse Lawn)	60	\$76,000
14P Main Street (Governor's House)	160	\$197,000
15P Main Street (Johnson Street Extension)	100	\$123,000
18P Prospect Street	21 (SC-740 chambers)	\$16,000
20P Main Street (North)	144	\$176,000
26P Main Street (Governor's House)	144	\$179,000

Total Preliminary Cost: \$957,200

*from the Agency of Natural Resources Stormwater Treatment Practice Calculator
 ^Analysis does not include costs associated with final and construction engineering