
FOREST PRESERVE DETAILED PROJECT WORK PLAN

Fiscal Year 2024-25
Project # 2024-RB-016, CO-WP-354

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| <u>Region</u> 5 | <u>Project Title</u> Cooper Kill lean-to replacement and relocation |
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|-----------------------------------------|------------------------------|------------------------|--------------------------------------------------|
| <u>Project Type</u> New Construction | <u>Town(s)</u> Wilmington | <u>County</u> Essex | <u>Management Unit</u> Wilmington Wild Forest |
|-----------------------------------------|------------------------------|------------------------|--------------------------------------------------|

Description of Desired Condition(s) for Project

The Cooper Kill Lean-to is positioned on the shore of Cooper Kill Pond along the Cooper Kill trail in the Wilmington Wild Forest. As described in the 2005 Wilmington Wild Forest UMP (p. 69), the lean-to was in fair-to-poor condition at that time. Since then, the structure has continued to deteriorate to the point where its removal or replacement is now necessary for the safety of the public. Pursuant to the Adirondack Park State Land Master Plan (APSLMP), if the structure is to be replaced it must be moved at least 100 feet from the pond to ensure protection of the water resource and the scenic attributes of the shoreline. Due to the popularity of this location for camping and the potential for impacts related to this use, DEC will continue to provide a dry and useable trail shelter that concentrates use to a small area. This work is necessary to provide a structure that can handle current and future use levels which are expected to increase.

The lean-to will be replaced by a new structure. The current lean-to is located 10 feet from the south shore of Cooper Kill Pond. A suitable relocation site has been identified southeast of the current location approximately 150' from the pond. The new location is on a nearby side hill. This site is high and dry, offers good drainage and is adequately screened from the pond and trail.

Estimated Materials:

- (26) 1"x16' rough cut roof boards
- (7) 2x6x8' treated floor joists
- 11 bundles of architectural shingles (brown)
- (2) 2x6x12' treated ledger boards
- 1 roll starter shingles, 33'/roll
- (12) 2x10x12' plain lumber floor plank
- 1 bundle ridge cap shingles
- (4) replacement logs 12-14" dia.
- (8) 10' lengths of 2" lip drip edge
- (7) replacement rafters 6" dia.
- 1/3 roll underlayment
- 2 gallons Saratoga Brown Paint

Description of Project Specifications

The Department will install a new lean-to at Cooper Kill Pond replacing the old non-conforming lean-to. The lean-to will be installed at a new location more than 100 feet from the pond shore. The lean-to for this project will be built to the standard Adirondack lean-to design. The Wilmington Wild Forest Unit Management Plan included the removal and replacement of this structure provided it is placed 100 feet or more from the pond.

Description of Measures Taken to Avoid, Mitigate and Minimize Impacts to Natural Resources

Care will be given to ensure impacts to the Forest Preserve are kept to the minimum extent necessary to complete the project. Relocating the lean-to to the new location will result in the site being screened from view of the pond which is seen as enhancing the wild forest character of the project site and surrounding area.

The lean-to will be located to minimize the number of trees that will need to be removed, but there will be 75 trees over one inch in diameter at breast height (DBH) removed for this project. Thirty of these trees are between one inch and three inches DBH, and 45 are three inches DBH or greater. See the table in this plan for additional details.

This site will need to be leveled to set foundation rocks at each of the lean-to's corners. A fire ring will be installed to focus the impact. There is an existing privy, but it will likely need to be moved further away from the lean-to site. No additional trees will need to be removed for this.

After the old lean-to is removed, the original site will be restored by placing brush and natural debris to discourage illegal camping and allow natural revegetation. The site will be periodically monitored to ensure compliance with camping regulations.

Alternative 2: Remove the lean-to and create a primitive tent site. Although this alternative would eliminate the need for future lean-to maintenance, the lean-to will provide a more enjoyable user experience and concentrate environmental impacts where they can be mitigated through siting and design. This will allow for a decrease in overall impacted area.

Description of Use of Motorized Equipment and/or Motor Vehicles (if any)

Due to the remote location, building materials will be flown into the project area by helicopter. A chainsaw will be used in the felling of trees and saddle notching of the logs. Helicopter use has been requested through CP-17. The asphalt roof shingles from the previous roof will be stripped and bagged to be extracted and properly disposed of, off site. The extraction will coincide with the material transport flight to reduce flight entries. Power tools may be used for the assembly of the lean-to. All proposed motorized use is allowable in this area.

Description of Applicable Standards for Accessibility by People with Disabilities

The primitive tent site where the lean-to will be installed does not meet accessibility standards. Since this proposal does not suggest changes to the overall site design to comply with accessibility standards, this lean-to will be built following the standard Adirondack lean-to design.

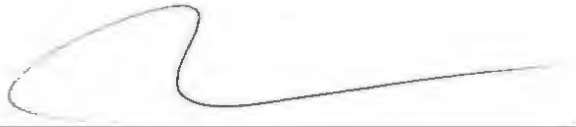
Other Relevant Considerations

Prepared by (Name & Title): Keith Carrow, Forester 1
Phone: 518-897-1336

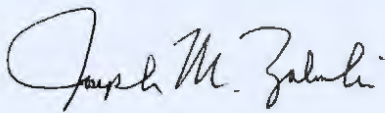
Date: 4/1/2024

Approvals:

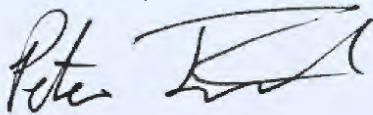
Comments:



Regional Program Manager
Date: 6/12/2024



Regional Director
Date: 10/3/2024

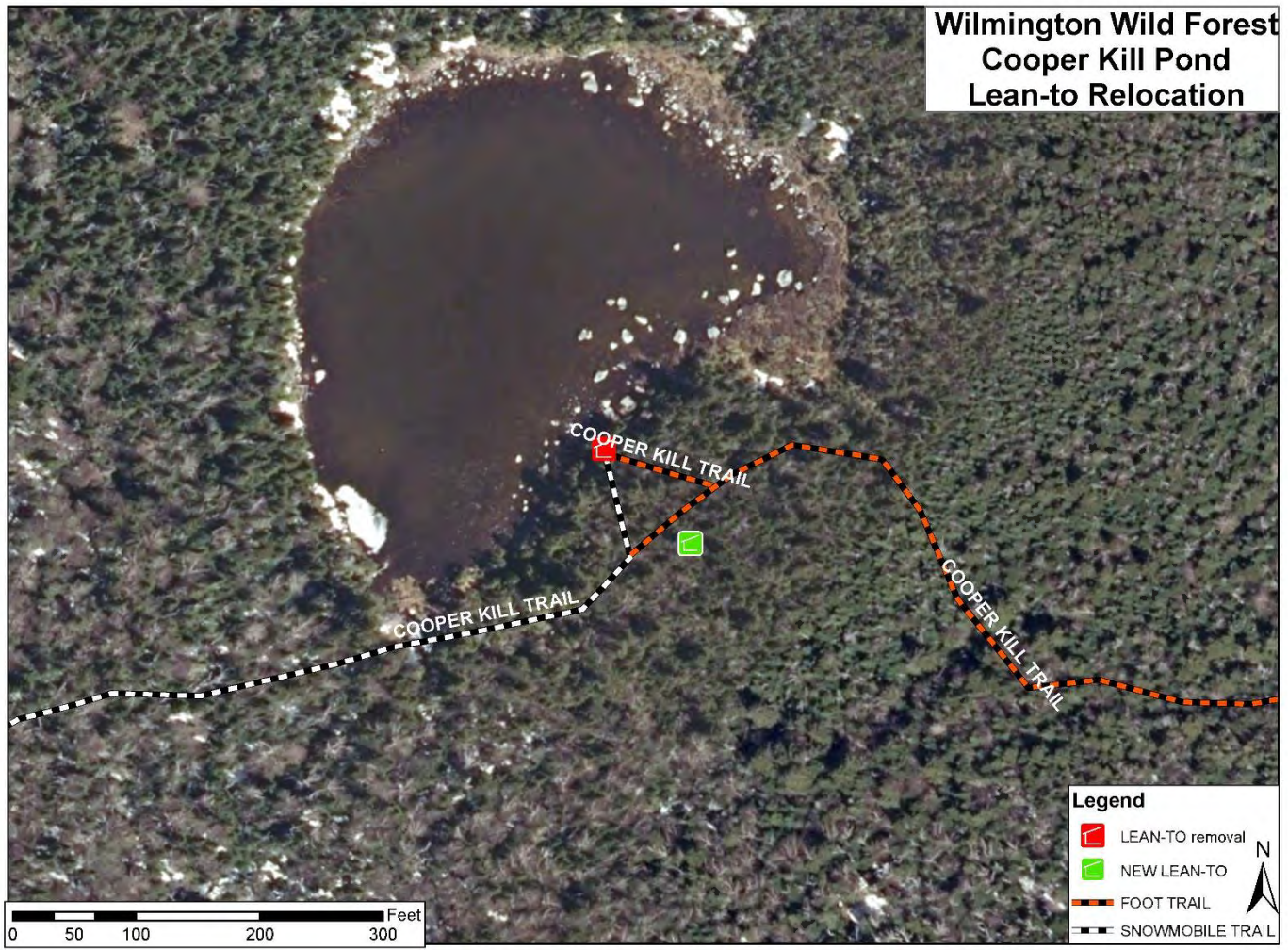


Division Director
Date: 09/23/2024

REGULATORY CLEARANCE CHECKLIST – STATE LANDS and CONSERVATION EASEMENT PROJECTS

| PROGRAM | PERMIT | REQUIRED | | SECURED BY | COMMENTS |
|----------------------|----------------------------------------------|-------------------------------------|-------------------------------------|------------|-------------------------------------------------------------------------|
| | | YES | NO | (NAME) | |
| Air Resources | Restricted Burning | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Mineral Resources | Mining | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Materials Management | Solid Waste Mgt. Fac. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Water | Dam Safety Review | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Const. in Flood Hazard | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Public Water Supply | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | SPDES | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Spills Management | Petro. Bulk Storage | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Lands and Forests | Unit Management Plan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | 2016 Wilmington Wild Forest UMP Secured by the approval of this plan |
| | Tree Cutting | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | |
| | Protected Native Plants | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Historic Preservation | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Fish and Wildlife | Freshwater Wetlands | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Wild Scenic & Rec. River | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Compliance Services | Other Protection of Waters | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | EAF | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Negative Declaration | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Env. Impact Statement | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Water Quality Cert. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| DEC (other) | CP-17 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Commissioner (aircraft, motorized equipment) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Requested after approval of this work plan |
| | Flight Request | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | Requested after approval of this work plan |
| | Contract Clearance Sh. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | DOB Exemption | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Other Agencies | APA MOU | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | APA Wetlands Permit | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Corps. of Engineers | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Building Permits | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Local Permits | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Easements | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| | Highway Enter DOT | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| Wastewater Disposal | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |

Wilmington Wild Forest
Cooper Kill Pond
Lean-to Relocation





New York State
Department of Environmental Conservation

Division of Lands & Forests

Wilmington Wild Forest

Unit Management Plan/ Environmental Impact Statement

Town of Black Brook, Clinton County
Towns of Jay, Keene and Wilmington, Essex County

October 2005

GEORGE E. PATAKI, Governor

DENISE M. SHEEHAN, Acting Commissioner

Lead Agency:

New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-4254

Comments may be submitted to:

NYSDEC
Lands & Forests Office
P.O. Box 220, 232 Hudson St
Warrensburg, NY 12885
518-623-1200
r5ump@gw.dec.state.ny.us

2. Lean-tos

Cooper Kill Lean-to

Current Situation and Assumptions

The Cooper Kill Lean-to was built in the early 1960's and is located too close to Cooper Kill Pond, less than 100 feet from the water. The APSLMP of 1972 acknowledges lean-tos as conforming structures, provided they meet minimum setback distances of 100 feet or more from water. The lean-to is in fair to poor condition and will soon need complete replacement of the base logs and roof.

Objective

- Relocate and replace the lean-to conform to proper APSLMP setback requirements.

Management Policies and Actions

- Discontinue all major maintenance on the existing lean-to. Do not replace the base logs, roof, etc.
- Remove the existing lean-to when it is no longer useable and replace with a new lean-to to be set back 100 feet or more from water to comply with the APSLMP. This is proposed to be done in the second year of this plan.

3. Gates

Current Situation and Assumptions

Gates are employed at selected locations to curtail illegal motor vehicle use and/or protect road and/or trail surfaces from unwarranted use during inclement weather. Gates are needed at the east and west ends of the Cooper Kill Trail to curtail illegal All-Terrain-Vehicle (ATV) use. A rock barrier has been placed at the entrance of the river trail at the Wilmington Flume to preserve the structure of the river trail, that leads into the Whiteface Mountain Intensive Use Area. Gates are painted bright yellow, marked with red stop signs and have "barrier ahead" cautionary sign marked 150 feet on either side of the gate. Forest Rangers may open gates on designated snowmobile trails when the trail is covered by snow and ice.

Objectives

- Close roads and old logging trails to illegal motor vehicle use.
- Protect road surfaces.