

Trescott Water Company Lands Hanover, NH

**Peter Kulbacki
Tom Jack**

March 19, 2026



Outline

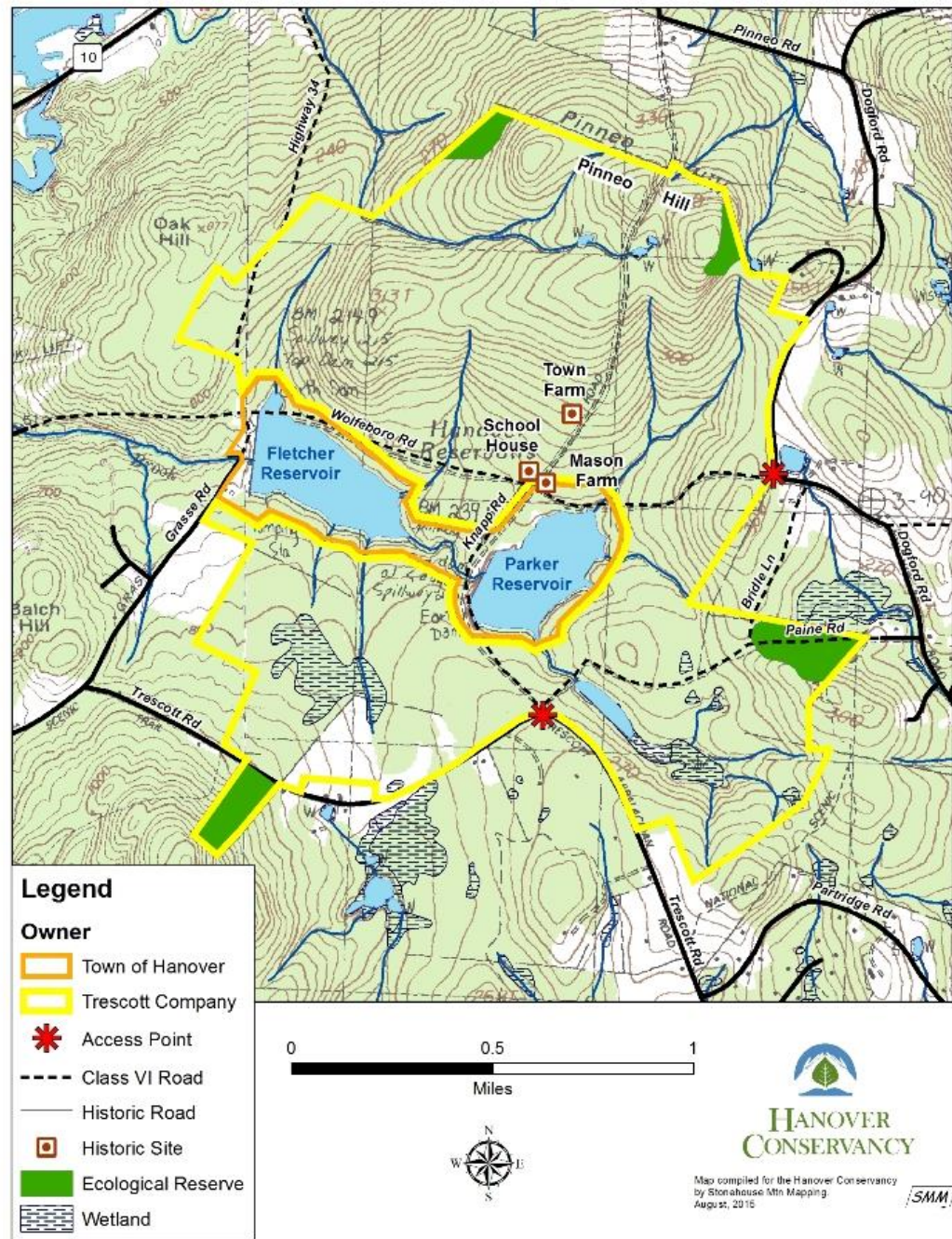
- 1) Historical overview**
- 2) Water supply**
- 3) Trail system development**



Trescott Water Company Lands

1166 acres

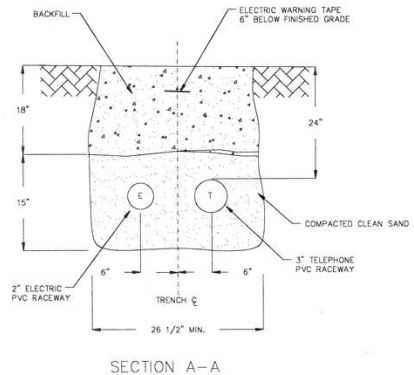
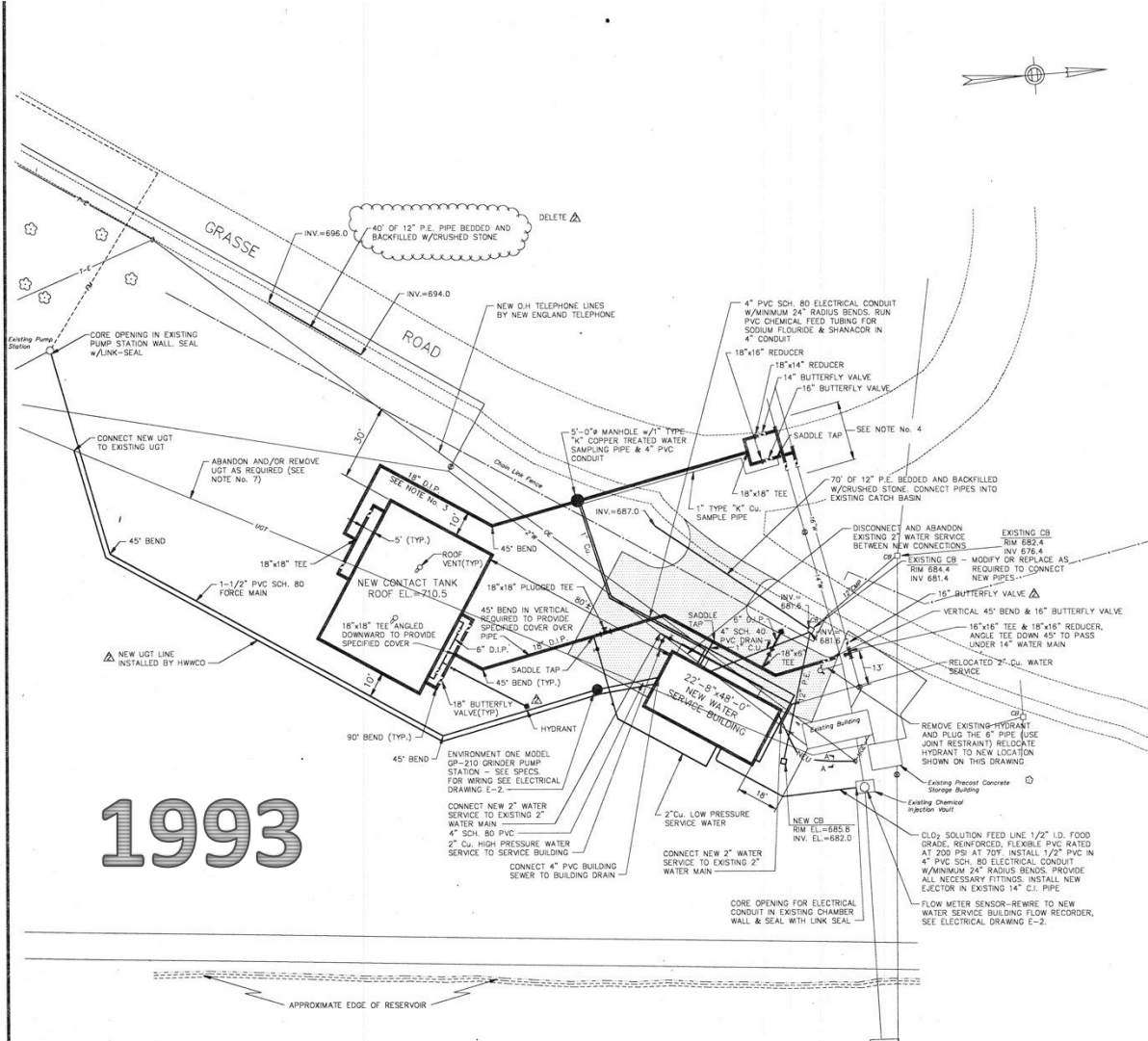
178 acres – reservoirs and 250' buffer – owned by Town of Hanover



History

- **10 farms on property prior to 1890**
- **Town reservoirs built 1893-1924**
- **Property closed to the public for ~100 years**
- **Fence put up ~ 50 years ago**
- **Water filtration facility constructed 2005**
- **June 2014 – Trescott Company Board Meeting – began discussion of opening property to public**
- **February 2015 – meeting of recreational stakeholders**
- **May 2015 – Hanover Conservancy receives Quabbin to Cardigan grant to plan opening/recreation management plan**
- **Opened to public December 15, 2015**
- **Trescott Recreation Committee formed in spring of 2016**

1993



- NOTES:**
- SEE SHEET No. C-1 FOR GENERAL NOTES & LEGEND.
 - THE CONTRACTOR SHALL MAINTAIN FLOW IN EITHER THE 14" OR 16" WATER MAINS AT ALL TIMES. NO WATER MAIN SHALL BE REMOVED FROM SERVICE WITHOUT WRITTEN APPROVAL FROM HANOVER WATER WORKS CO.
 - DEFLECT PIPE JOINTS OR PROVIDE ADDITIONAL PIPE BENDS IN VERTICAL PLANE AS REQUIRED TO MAINTAIN THE SPECIFIED COVER OVER THE PIPE.
 - NEW VALVE INSTALLATION & PIPE CONNECTIONS ARE TO BE MADE IN THE DRY. REMOVE SECTIONS OF 14" & 16" PIPE AS REQUIRED AND REPLACE WITH NEW PIPE & FITTINGS. (SEE NOTE No. 10 ABOVE). INVERT ELEVATION OF 14" PIPE SHALL BE LOWERED TO ALLOW NEW 18" CONNECTION TO 16" PIPE TO PASS OVER IT.
 - DRAIN LINE FROM WATER SERVICE BUILDING TO CATCH BASIN TO BE 3'-0" BELOW GRADE.
 - 4" PVC CONDUIT TO BE BURIED 5'-0" BELOW GRADE AND BE SCHEDULE 80 ELECTRICAL CONDUIT WITH 24" RADIUS BENDS. INSTALL A PULLING WIRE AT TIME OF INSTALLATION.
 - COPPER SAMPLE PIPE TO BE BURIED 5'-0" BELOW GRADE.
 - PIPE RESTRAINT SHALL BE ACCOMPLISHED BY USING JOINT RESTRAINTS.
 - REFER TO ELECTRICAL DRAWINGS FOR CONDUIT SIZE AND WIRE FOR NEW UNDERGROUND ELECTRIC LINES.

CONTRACT NO. 1
CHLORINE DIOXIDE DISINFECTION SYSTEM
HANOVER WATER WORKS COMPANY
HANOVER, NEW HAMPSHIRE

Anderson-Nichols
 engineers
 environmental consultants
 architects
 BOSTON, MA



PROJECT NO.	6948
DATE	1-2-20
DESIGNED BY	P.J.F.
CHECKED BY	D.S.D.
DATE	05/01
SCALE	AS SHOWN
DATE	MAY 21, 1993

UTILITY RELOCATION & PIPING PLAN

Town of Hanover
 Hanover Water Company
 Water Quality Parameters

Turbidity (NTU)

Date	As of 5/19/04		CRREL				COMMUNITY CENTER		
	Raw	Contact Tank	Kendal	Fire Station	Kellogg Building	Fairbanks	Food Stop	Hopkins Center	High School
01/06/04	0.79	1.01	0.96	1.04	1.02	1.22	0.98	1.49	1.06
01/20/04	0.63	0.83	0.89	0.74	0.67	0.70	0.64	*5.63	0.77
02/03/04	0.69	1.12	0.82	0.82	0.87	0.91	0.92	1.19	0.99
02/19/04	0.92	0.96	1.11	1.14	1.00	0.89	1.08	1.89	0.87
03/02/04	0.61	0.75	1.00	0.78	0.83	0.83	1.39	1.54	0.89
03/23/04	0.56	0.99	0.75	0.96	0.66	0.86	0.91	1.64	0.80
04/06/04	1.02	1.38	1.13	1.18	1.53	1.48	1.11	1.84	0.98
04/20/04	1.13	1.30	1.36	1.38	1.66	1.63	1.52	2.25	1.42
05/03/04	1.27	1.61	1.20	1.29	2.17	1.08	1.19	1.24	0.95
05/19/04	0.69	0.79	0.77	0.66	0.74	0.81	0.65	1.15	0.88
06/01/04	0.87	0.81	0.95	0.84	0.99	0.88	1.05	1.10	0.76
06/15/04	0.92	0.89	0.99	1.16	1.27	0.80	1.00	0.91	0.79
07/06/04	0.94	1.10	1.69	1.19	1.05	1.10	1.13	1.26	1.53
07/21/04	0.86	0.78	0.99	0.88	0.87	0.80	0.92	1.36	0.79
08/10/04	0.98	0.82	1.38	0.86	0.87	0.80	0.81	1.16	0.77
08/17/04	0.68	0.59	0.83	0.64	0.91	0.89	0.68	1.20	0.82
09/07/04	0.69	0.71	0.92	0.65	0.70	0.60	0.65	1.36	0.68
09/21/04	0.85	0.67	1.07	1.14	0.84	0.77	0.88	1.03	1.05
10/04/04	1.05	0.95	0.83	0.77	0.89	0.83	0.81	1.05	0.86
10/19/04	1.17	1.33	1.44	1.40	1.37	1.23	1.36	1.55	1.19
11/09/04	1.21	1.29	1.31	1.30	1.29	1.18	1.29	0.14	1.09
11/23/04	0.72	0.89	1.18	0.95	1.04	0.96	0.90	0.96	1.05
12/14/04	0.84	0.81	0.96	0.87	0.93	0.81	0.83	1.05	0.85
12/21/04	0.79	0.95	0.94	0.89	0.95	0.96	0.90	0.95	0.91
Average	0.87	0.97	1.06	0.98	1.05	0.96	0.98	1.27	0.95
High	1.27	1.61	1.69	1.38	2.17	1.63	1.52	2.25	1.53
Low	0.56	0.75	0.75	0.66	0.66	0.70	0.64	0.91	0.76





JUNE 10, 2005

Town of Hanover
 Hanover Water Company
 Water Quality Parameters

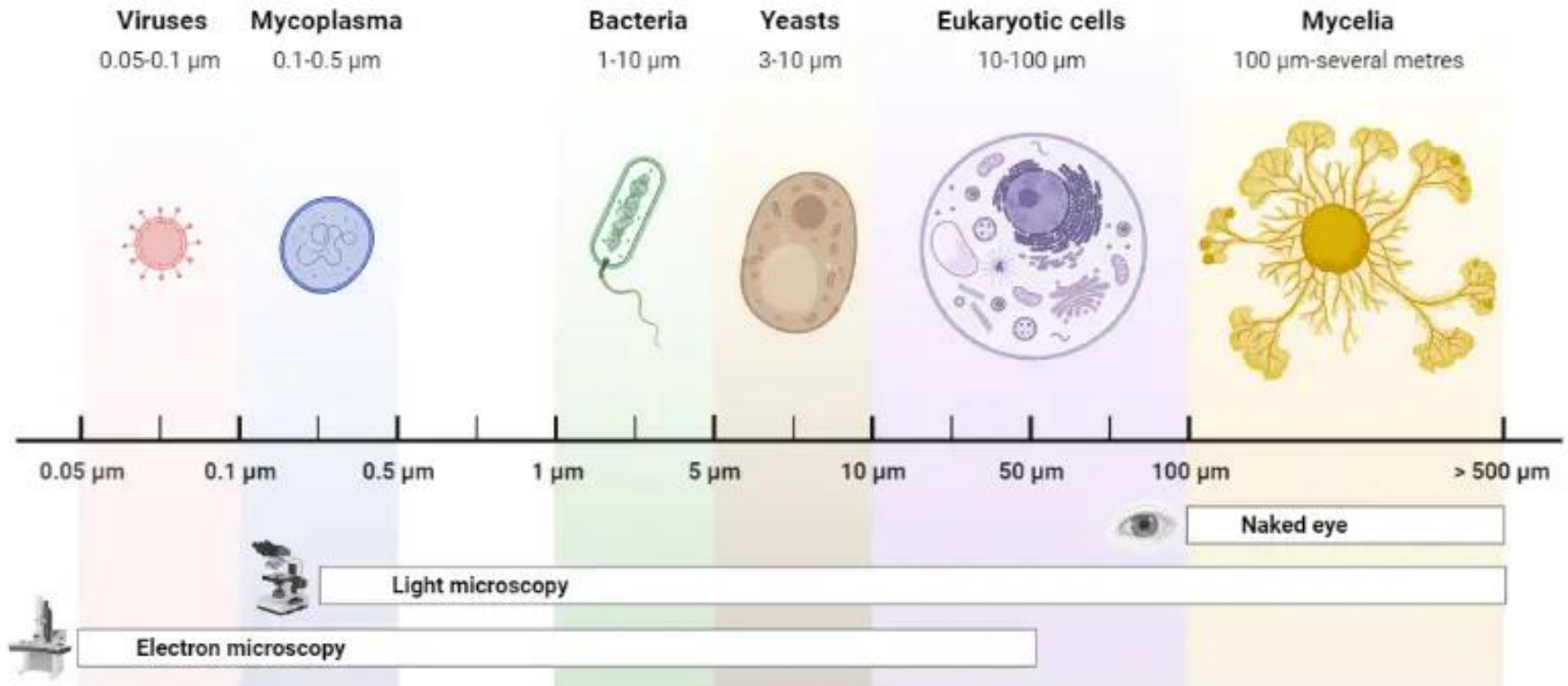
Turbidity (NTU)

Date	Raw	Contact Tank	CRREL	Fire Station	Kellogg Building	Fairbanks	Food Stop	Hopkins Center	High School
01/04/05	0.57	0.77	0.88	0.83	1.03	0.84	0.85	0.99	1.06
01/26/05	0.57	0.78	0.87	0.76	0.81	0.86	0.82	0.82	0.79
02/01/05	0.73	0.84	0.96	0.84	0.99	0.92	0.91	0.99	0.75
02/23/05	0.47	0.80	0.86	0.90	0.84	0.87	0.82	0.78	0.76
03/08/05	0.41	0.56	0.81	0.85	0.62	0.77	0.60	0.68	0.69
03/22/05	0.57	0.56	0.76	0.52	0.57	0.58	0.52	0.59	0.49
04/05/05	1.58	2.09	1.78	1.84	1.86	1.78	1.74	1.72	0.71
04/21/05	1.90	1.64	1.98	3.51	1.88	1.73	1.56	1.79	1.59
05/04/05	1.14	1.21	1.30	1.12	1.15	1.10	1.02	1.37	1.15
05/18/05	0.63	0.57	0.73	0.55	0.75	0.55	0.53	0.69	0.57
06/01/05	0.77	0.70	0.71	0.66	0.68	0.68	0.60	0.86	0.67
06/13/05	46.00	9.25	22.20	13.10	21.30	17.90	12.70	16.50	4.53
07/12/05	5.18	4.14	6.08	8.86	12.00	4.54	4.17	4.68	3.77
07/25/05	1.81	2.54	2.85	2.38	5.46	2.77	3.07	2.99	2.12
08/02/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
08/23/05	0.93	1.30	3.82	1.75	1.97	3.16	2.19	1.04	2.26
09/06/05	1.22	0.88	1.38	1.00	1.59	0.96	1.24	1.14	1.20
09/20/05	1.75	1.08	5.19	2.86	1.02	0.93	1.58	1.40	0.89
10/06/05	0.95	0.83	2.37	2.47	1.25	2.06	1.32	1.53	0.73
10/26/05	1.46	1.68	2.02	1.71	1.57	1.77	1.78	1.95	1.27
11/01/05	1.48	1.51	1.60	1.50	1.48	1.47	1.50	1.62	1.55
11/15/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/06/05	3.25	1.56	2.11	1.86	3.15	1.78	2.11	3.65	1.04
12/15/05	1.34	1.35	1.92	1.59	1.56	1.30	1.72	2.26	1.07
Average	3.40	1.67	2.87	2.34	2.89	2.24	1.97	2.27	1.35
High	46.00	9.25	22.20	13.10	21.30	17.90	12.70	16.50	4.53
Low	0.41	0.56	0.71	0.52	0.57	0.55	0.52	0.59	0.49





Size of Representative Bacteria, Viruses, Yeasts and Eukaryotic Cells



October 13, 2006 the Facility came online



Public Use Guidelines

Primary use of the lands will remain the provision of pure drinking water for the community. A secondary use is forest management conducted with the specific goals of providing clean water, operating income, and enhancing wildlife habitat. Public recreation may occur as long as it does not interfere with these uses.

The primary public use concepts promoted at the Trescott Water Supply Lands are “Clean Fun = Clean Water”, and “Shared–use” of the property for many low-impact activities.

Visitors are asked to

“Visit with care today – you may drink this water tomorrow!”

Public Use Guidelines Welcomed Uses Low-impact activities, including:
walking hiking running bicycling XC skiing. snowshoeing
horse-back riding in-season hunting

Dogs are permitted on the property as long as they remain leashed. Owners must pick up after their pets and carry out the waste.

NH RSA 485:24 Rule Env-Dw 902.15 Protection of the Purity of Camp Brook Including the Upper & Lower Hanover Reservoirs and Hanover Center Reservoir and their Watersheds.

The State Rule details land use restrictions associated with the water supply reservoirs, their tributaries, and a minimum 75' buffer around them.

Local Rules (Which lands are open, which are not)

Non-motorized public access is provided to all visitors of the Trescott Company's lands approved by the Trescott Recreation Committee. The guidelines for public recreation are described in Brochure which posted at kiosks and included on Town of Hanover/Hanover Conservancy/ Trail Finder/websites.

Town of Hanover's 178 acres surrounding the Fletcher and Parker Reservoirs and Camp Brook are not open to the public. Additionally, the Hanover Center Reservoir, also mentioned in NH RSA 485:24, is not open to the public.

New trail or recreation infrastructure improvements require approval of the Trescott Recreation Committee and the Hanover Department of Public Works. The Committee will:

- o identify compliance with water quality goals of the property,
- o compare recreation proposals to forest management plans,
- o continue to adapt and adopt appropriate public use guidelines,
- o manage carrying capacity for minimum acceptable landscape change and potential use conflicts, and
- o avoid disturbance to sensitive ecological features and cultural artifacts (e.g., cellar holes)

Trail Design Standards

Trail design standards will be developed by the Trescott Recreation Committee to minimize erosion issues associated with trail drainage and runoff.

- Key elements will include maximum running slope,
- minimum outslope,
- frequency of drainage, trail width, and surfacing.

Best management practices (BMPs) will be applied in all trail building and maintenance to minimize soil erosion. Initial BMP guidance will be provided through “*Best Management Practices For Erosion Control During Trail Maintenance and Construction*,” NH Trails Bureau, and “*Trail Solutions, IMBA’s Guide to Building Sweet Singletrack*,” International Mountain Bicycling Association

Trescott Recreation Committee

Town of Hanover – Director Public Works

Town of Hanover – Assistant Director of Parks and Rec

Town of Hanover – Planning, Zoning

Town of Hanover – Trails Committee

Hanover Conservancy





Upper Valley Trails Alliance

Dartmouth Outdoor Programs

Other interested townspeople – mountain bikers, trail runners, hunters









-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS

Prior to 2015







-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS

2015



-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS

2016, 2017

Trail Network Expansion Concept Design

Trescott Water Supply Lands
Hanover, NH

Created by Sinuosity, LLC
updated 9.1.18

Legend

- Downhill (Intermediate, Class 2/1)
- Dual Direction (Class 2/3)
- Dual Direction (Class 4/3)
- Existing Singletrack
- Existing Historic/Logging Roads
- Flow trail (Downhill, Class 4/3)
- Oak Hill Trails
- Parking
- Ski Trail (Beginner, Class 4)
- Ski Trail Loop Option (Class 3)
- Ski Trail Outer Loop (Advanced, Class 2)

Westside
Climb / Stone
Hill Reroute

Oak Hill
Connector
Climb

North
Reroute

North-South
Connector

Upper East
Climb

Paige Hill
Reroute

West Side
Traverse

Flow Trail

Eastside Trail

Climbing
Trail / Knapp
Rd. Reroute

Southwest
Reroute

Mason North

Mason
Advanced

Mason South

Advanced Ski
Loop

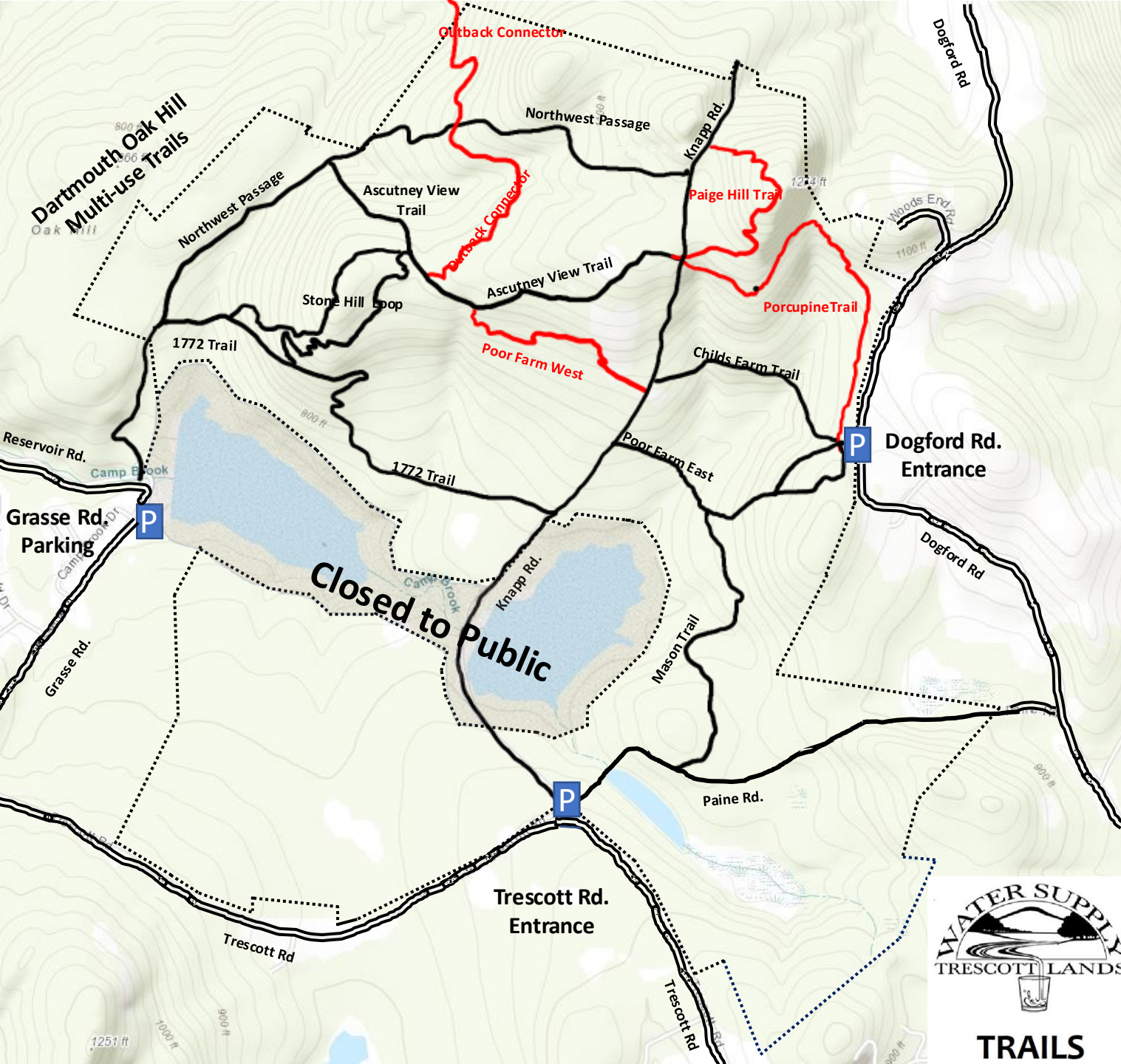
Beginner Ski
Trail

Advanced Ski
Loop Option

2017-2018

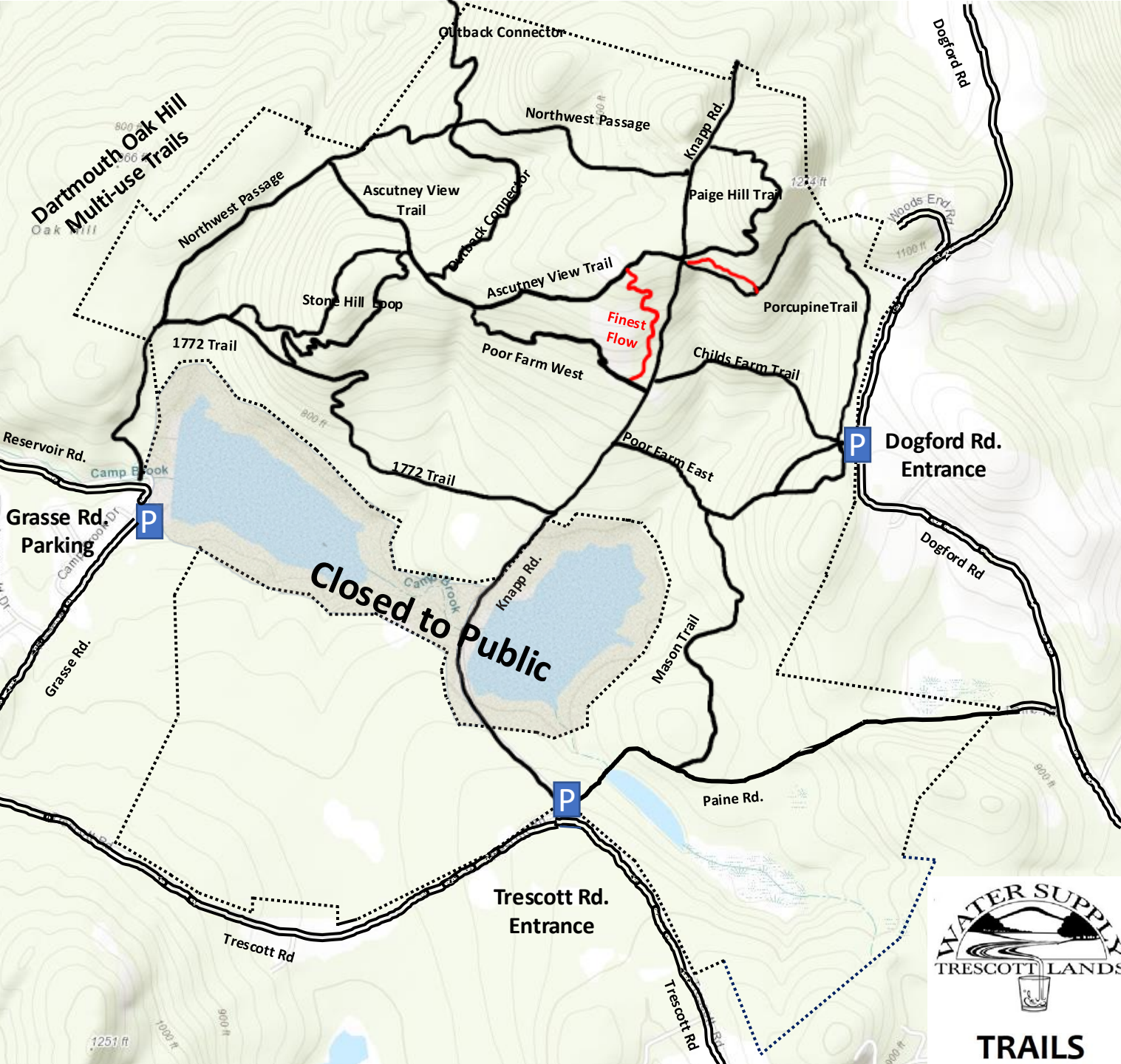






3000 ft



TRAILS

2019



-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



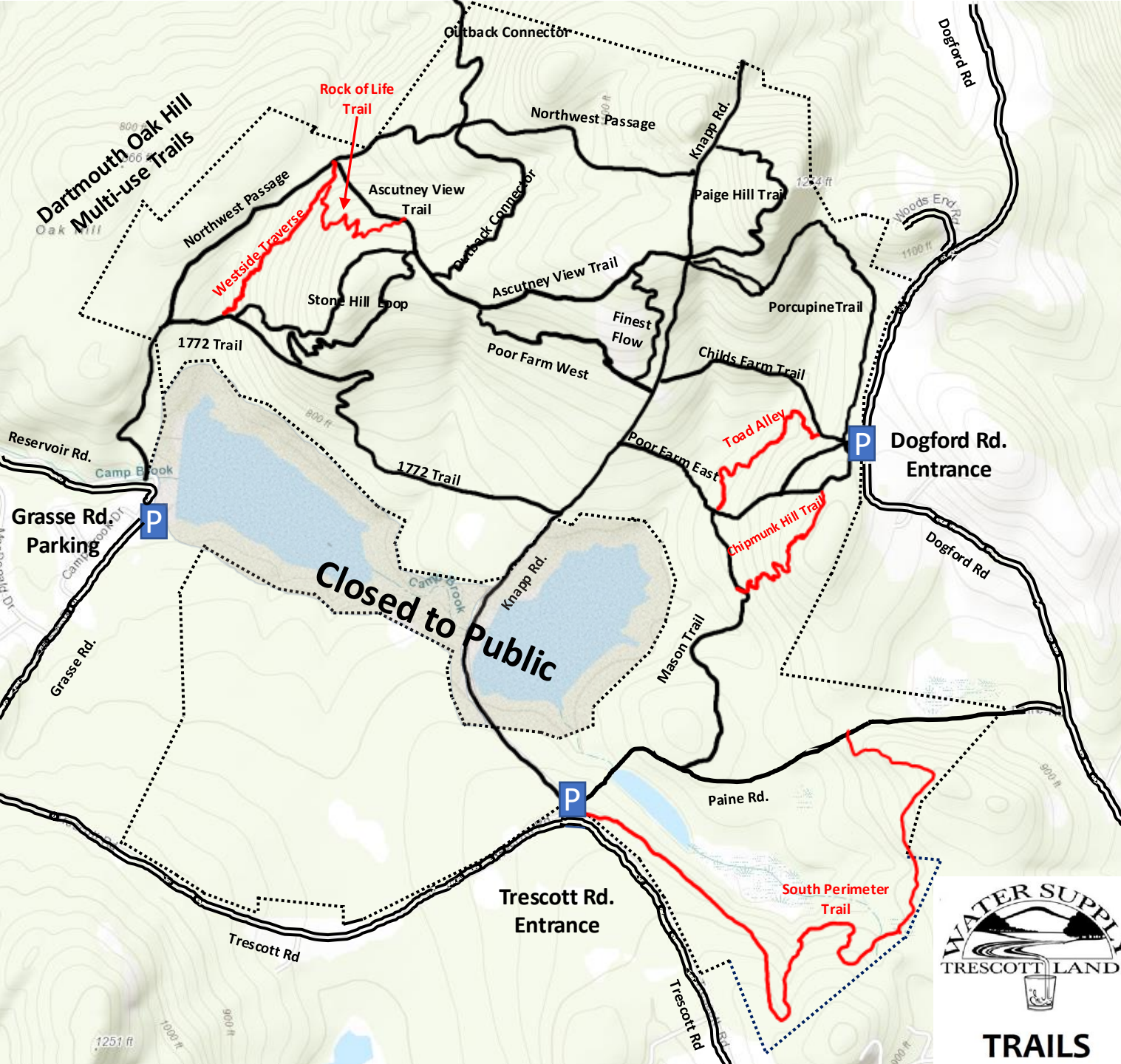
TRAILS





2020



Flow Trail



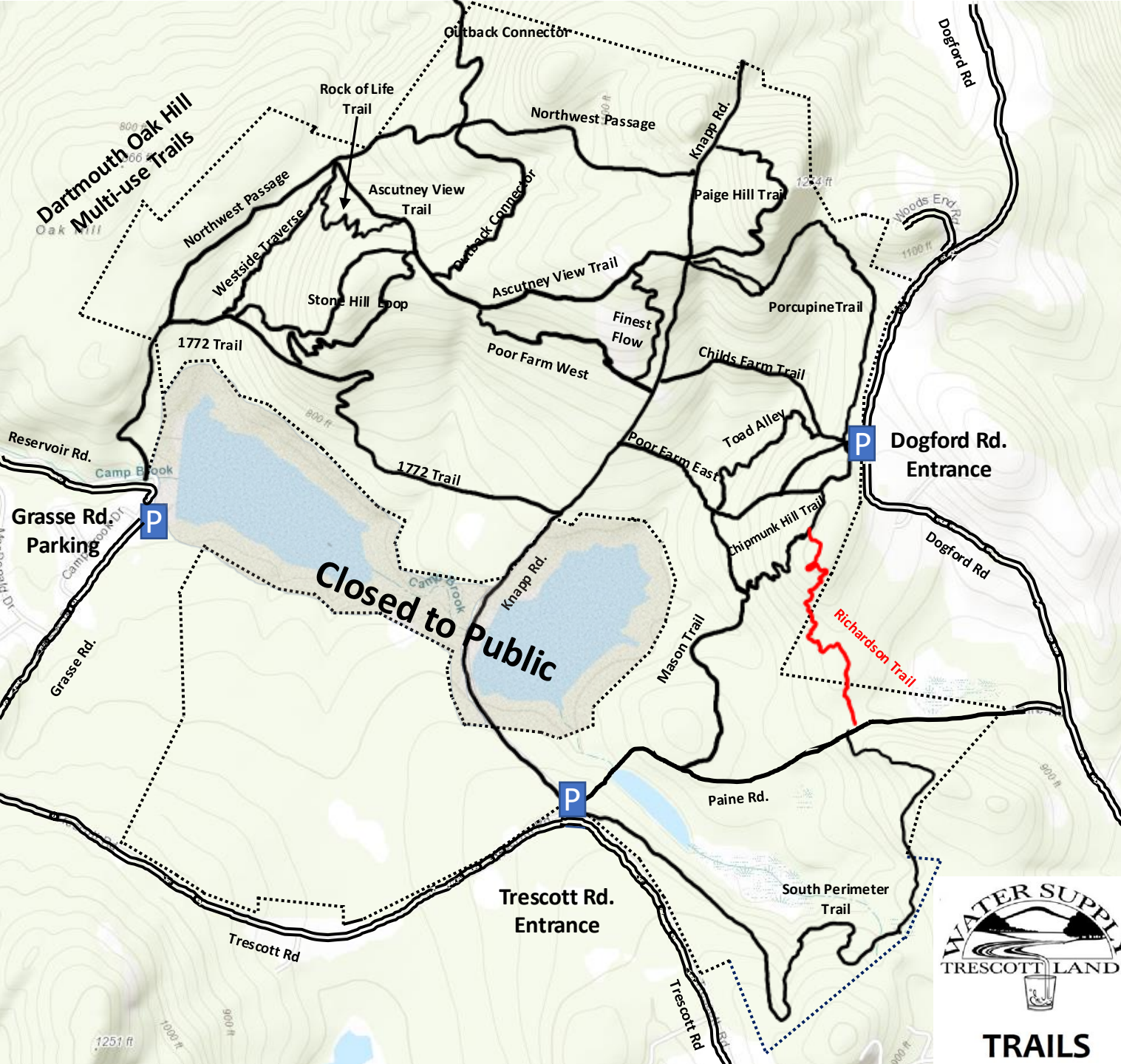






-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS

2021

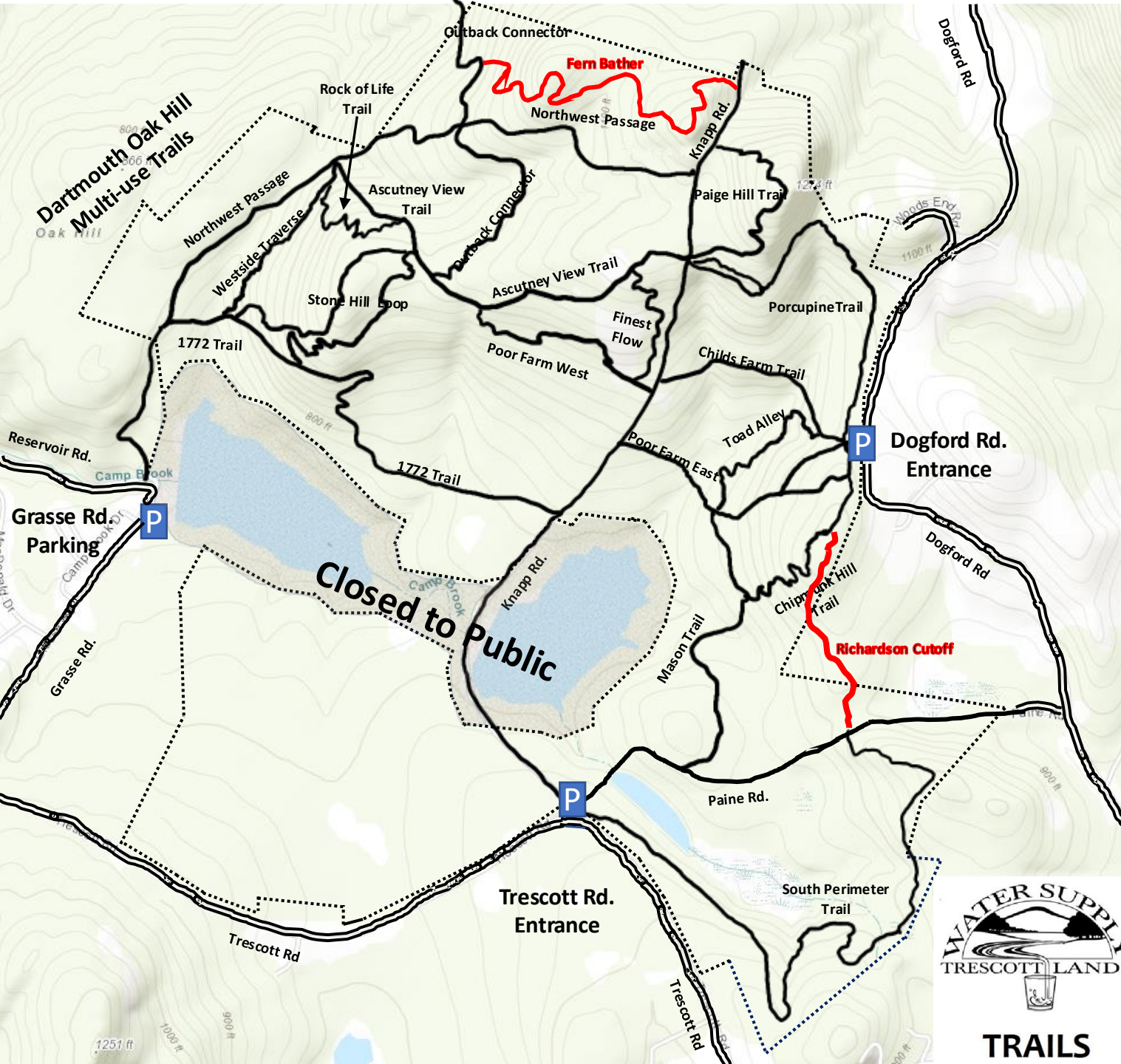


-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS





2022



TRAILS

2023



-  Trail
-  Trescott Boundary
-  Town Road
-  Parking



TRAILS

2025

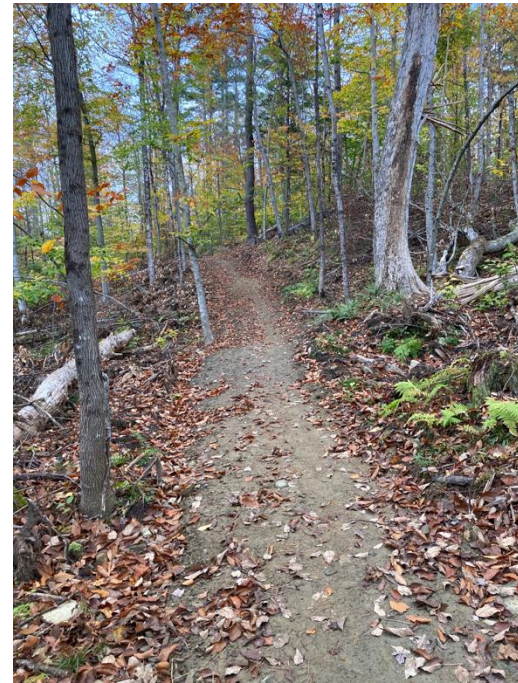


24 trails
17.9 miles

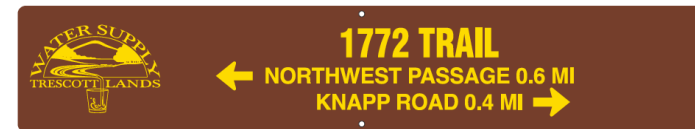


Funding

2015 - Quabbin to Cardigan Grant (Hanover Conservancy)	- \$9200
2015 – Trescott Company	- \$5000
2017 – Trescott Company – for Sinuosity Trail Plan	- \$10,000
2019 – Town of Hanover Bressett Fund	- \$12,000
2020 – Town of Hanover Bressett Fund	- \$22,100
2021 – NH Recreational Trails Program Grant	- \$21,864
2023 – Fundraising from Users	- \$4800
2024 – Fundraising from Users	~ \$2500
2025 – Fundraising from Users	~ \$5000



Standardized Signage



Trailhead Kiosks





Thanks!

