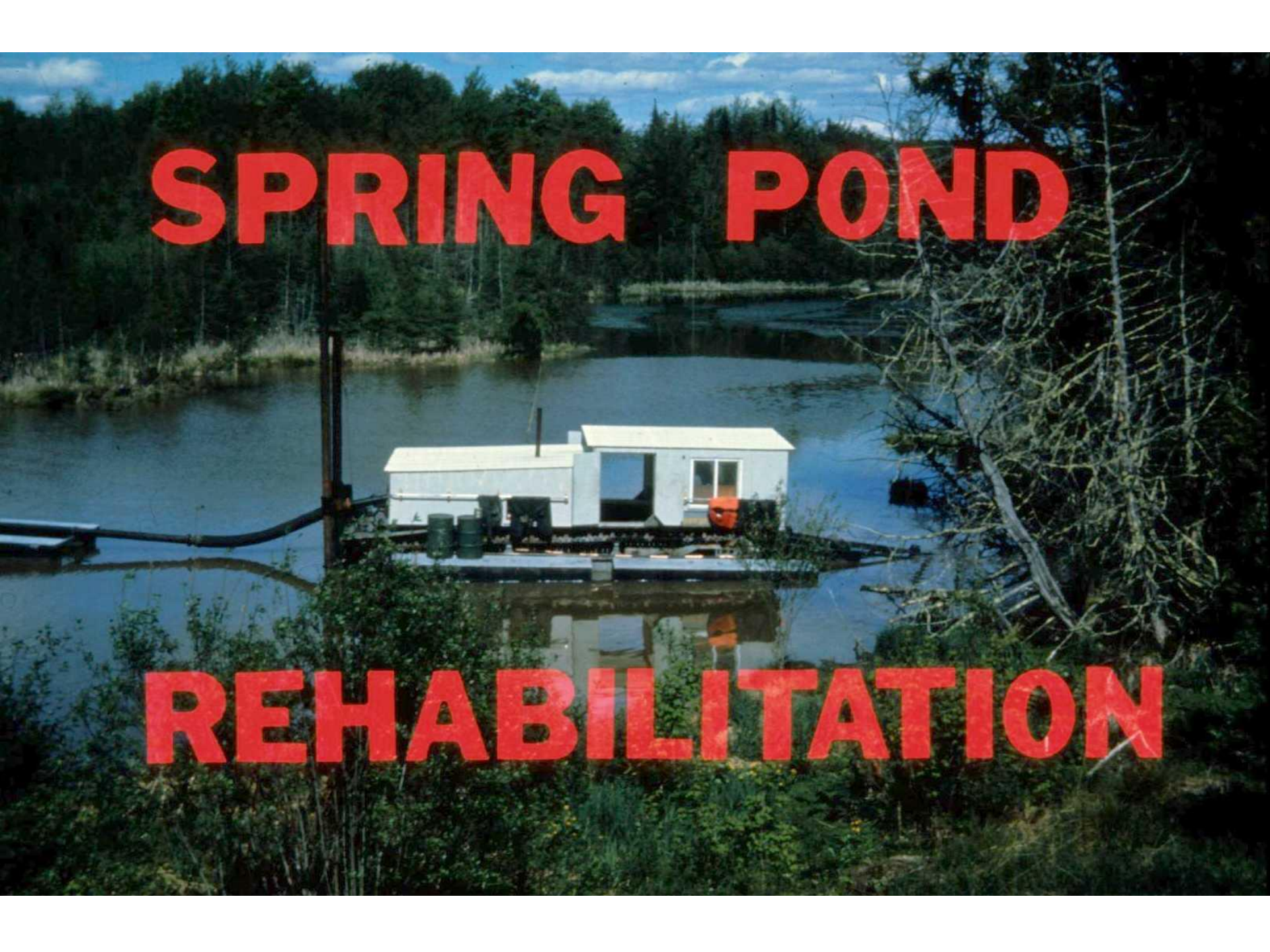


A photograph of a pond surrounded by dense green trees. In the center of the pond, there is a small, light-colored rectangular structure on a platform. The structure has a white roof and a small window. To the left of the structure, there are several green barrels and some equipment. A black pipe or hose runs from the left side of the frame towards the structure. The water in the pond is calm, reflecting the sky and the surrounding trees. The overall scene suggests a site for environmental rehabilitation or water management.

SPRING POND

REHABILITATION

What is a Spring Pond?

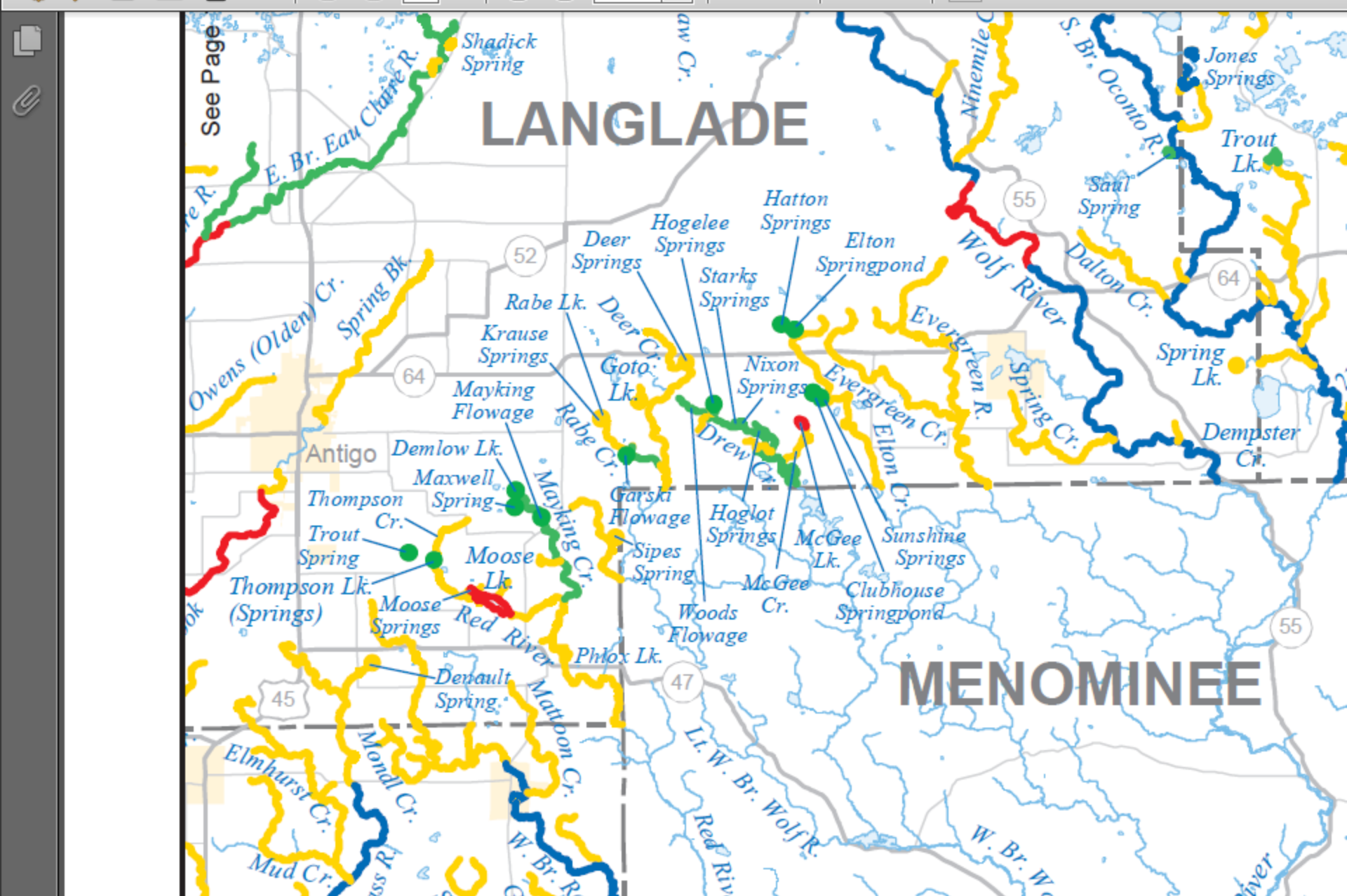
- **Natural lake**
- **Naturally reproducing trout populations**
- **Coldwater ecosystem**
- **Fed by significant amounts of spring water**
- **Always has an outlet creek – spring water has to go out somewhere**
- **Sometimes has an inlet creek or creeks and if so, they are usually trout water also**
- **Associated with trout streams - usually in the headwaters of trout streams**
- **Important summer, winter, and spawning habitat for trout**

What is Not a Spring Pond?

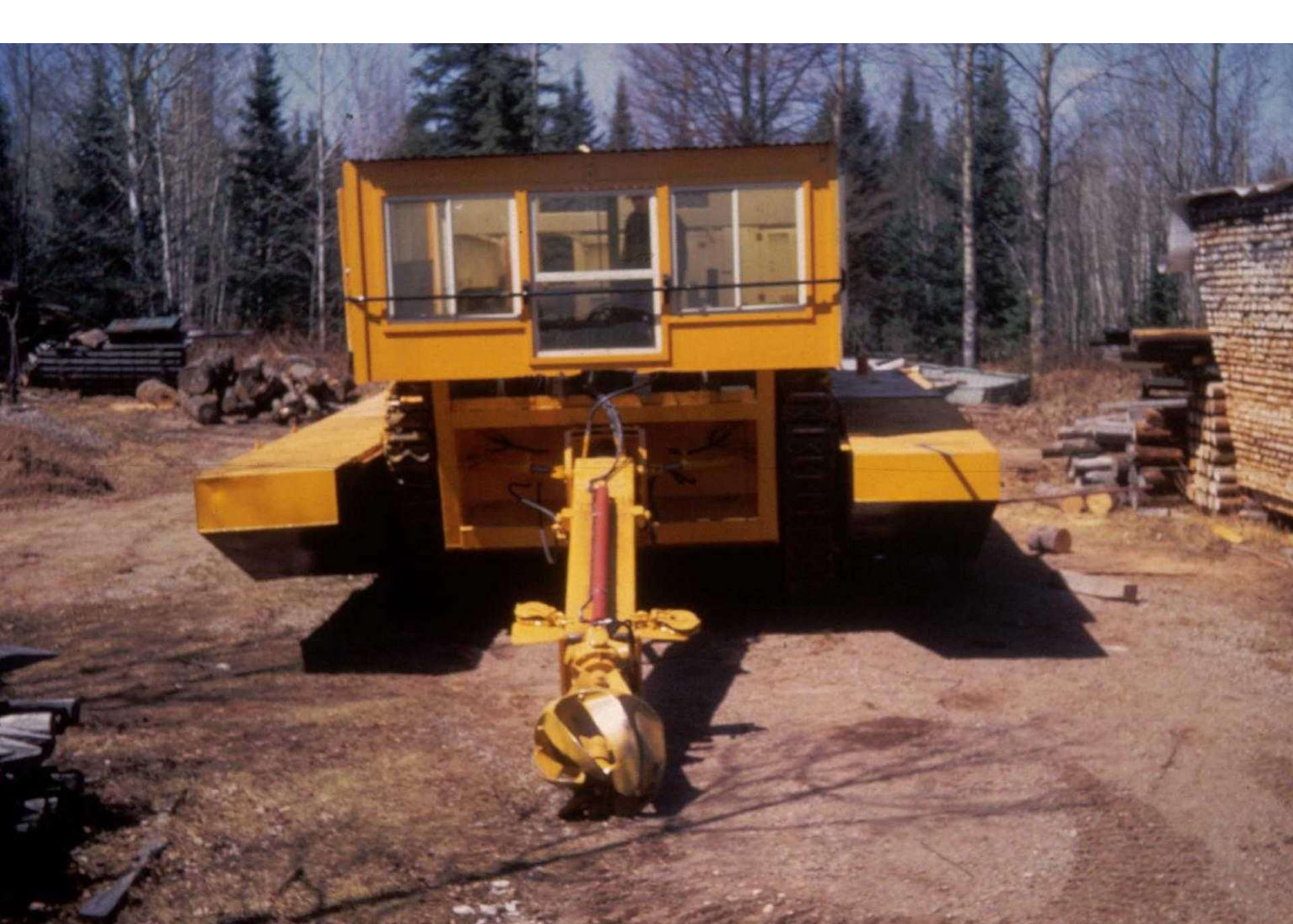
- **Any warmwater ecosystem**
- **Any excavated pond managed for trout**
- **Any warmwater lake converted to stocked trout management**
- **Any system where trout do not naturally reproduce**

Typical Spring Pond Characteristics

- **Usually small natural lakes less than 5 acres in size**
- **Many are less than an acre in size or just a wide spot or “flowage” portion of a trout stream system**
- **McGee Lake is one of the biggest spring ponds at 22.7 acres**
- **Significant springs = coldwater ecosystem**
- **Naturally reproducing trout populations**















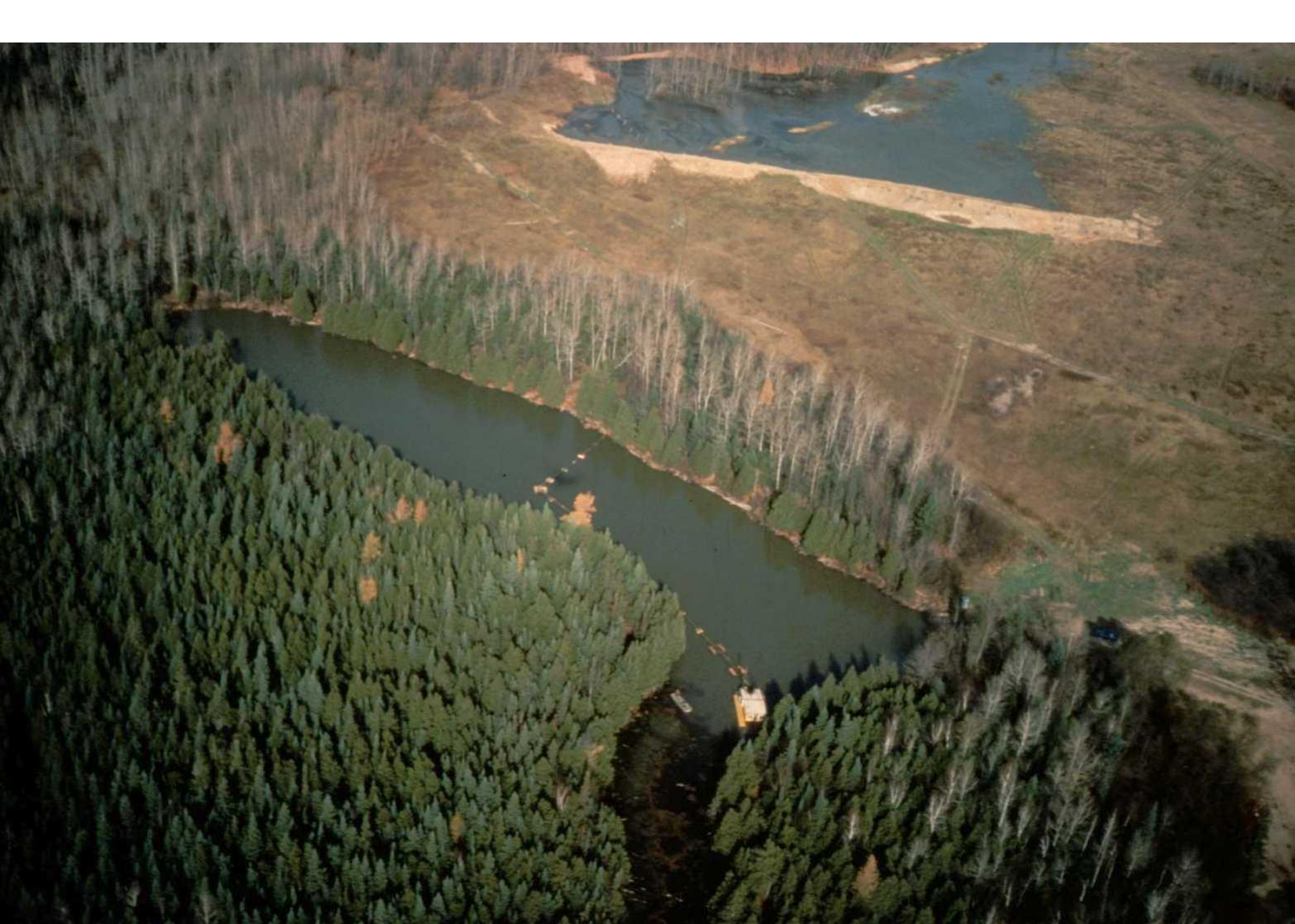
























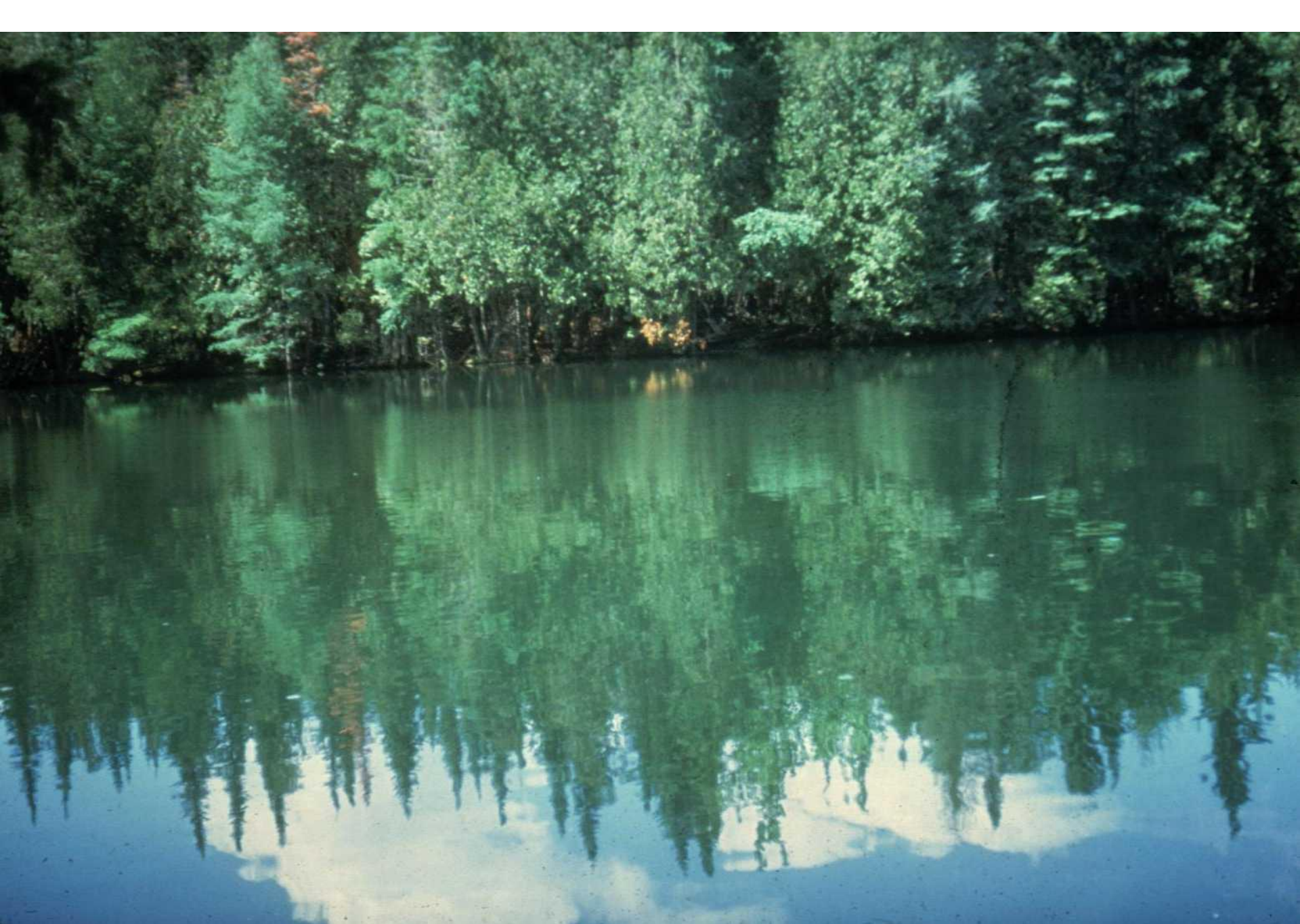




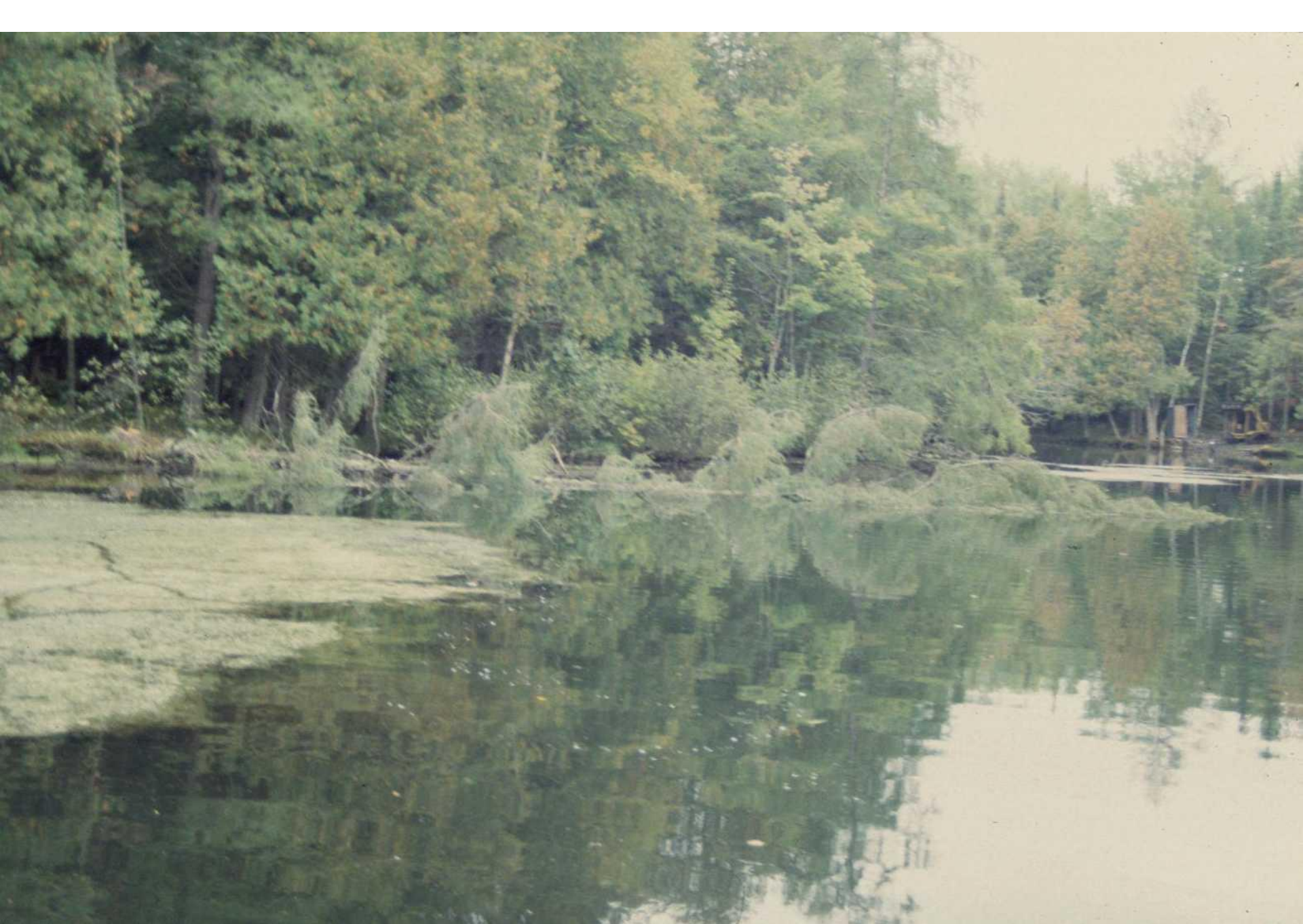


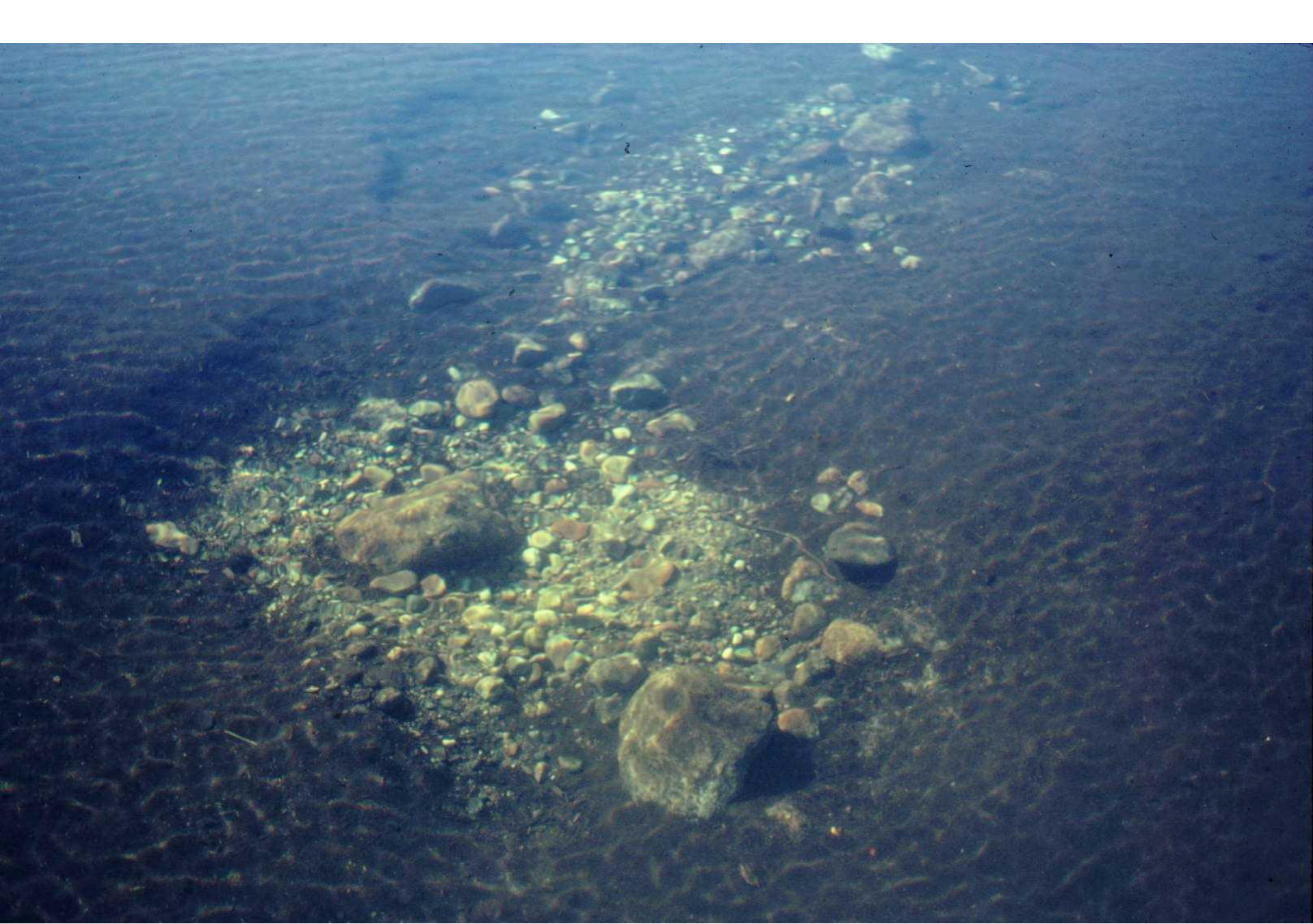












DREDGED SPRING PONDS - ANTIGO AREA

Year Dredged	Name	Acres	County	Location	Quarter-Quarter Section	Trout Species	Access*
1961	Spring Lake	2.4	Lincoln	T32N R7E S16	SENE	Brook	1
1963	Spiegel Spring	1.2	Marathon	T29N R10E S15	NESW	Brook & Brown	1
1963	Hoglot Springs	0.9	Langlade	T31N R13E S29	SWNW	Brook	1
1966	Jones Springs	6.6	Oconto	T32N R15E S6-7	SWNW	Brook	1
1966	Mercer Spring	0.5	Oneida	T39N R5E S11	NWSE	Brook	1
1967	Sportsman Lake	2.0	Shawano	T28N R11E S12	NWSW	Brook	3
1968	Rabe Lake	6.1	Langlade	T31N R12E S27	NWNW	Brook & Rainbow	2
1969	Hogee Spring #1	2.6	Langlade	T31N R12E S24	SESE	Brook	1
1969	Shadick Spring	4.3	Langlade	T32N R11E S1	SWNW	Brook	1,4
1969	Wooduck Springs	0.7	Langlade	T33N R11E S2	SWSE	Brook & Brown	1
1970	King Spring	0.4	Lincoln	T33N R7E S13	NWSE	Brook	1
1970	Hogee Spring #2	1.3	Langlade	T31N R12E S24	SESE	Brook	1
1970	Sunshine Springs	0.4	Langlade	T31N R13E S21	NWSE	Brook & Brown	1
1970	Clubhouse Springpond	2.1	Langlade	T31N R13E S21	NWSE	Brook & Brown	1
1971	Lily Springs	1.8	Langlade	T33N R13E S13	NWNE	Brook	1
1971	Krause Springs	0.9	Langlade	T31N R12E S28	NENE	Brook	1
1972	Woods Flowage	10.0	Langlade	T31N R13E S30	SWNW	Brook	1
1973	Totten Spring	1.9	Marathon	T29N R10E S15	NESW	Brook & Brown	1
1973	Denault Spring	0.5	Langlade	T30N R11E S25	SENE	Brook	1
1974	Nixon Springs	1.6	Langlade	T31N R13E S30	SWNE	Brook & Rainbow	1
1974	Sipes Spring	0.7	Langlade	T30N R12E S12	NENE	Brook	3
1975	Kippenberg Spring	0.1	Lincoln	T33N R8E S17	SESE	Brook	3
1975	Town Line Springs	2.5	Langlade	T31N R13E S13	NENE	Brook & Brown	1
1976	Deer Creek (Parsons) Spring	0.8	Langlade	T31N R12E S14	SESE	Brook	1
1977	Camp One Springs	11.0	Forest	T34N R15E S2	SENE	Brook	1
1978	Johnson Spring	4.0	Forest	T35N R15E S25	NESW	Brook	1
1979	Evergreen Spring	0.7	Langlade	T31N R14E S30	NENW	Brook & Brown	1
1981	Southern Sullivan Spring	3.6	Oconto	T33N R16E S36	NWSW	Brook	1
1982-83	West Goodyear Springs	3.9	Vilas	T42N R8E S14	NWSE	Brook	1
1984	Garski Flowage	15.6	Langlade	T31N R12E S35	SWNW	Brook	1
1985	Clark Spring	1.3	Marathon	T28N R10E S5	NWNE	Brook	1
1986	Town (Mountain) Spring	1.8	Oconto	T31N R16E S11	SESW	Brook	2,4
1987	Forbes Spring	1.9	Oconto	T33N R17E S29	NENE	Brook	1
1988	Elvoy Springs	2.1	Forest	T41N R13E S20	NESW	Brook & Brown	1,4
1989	Weix Spring	1.6	Langlade	T33N R11E S3	NWNW	Brook & Brown	1
1990	Drab Spring (Weasel & big dredge)	0.2	Langlade	T30N R12E S19	SWSE	Brook	1
1990	Koepsell Spring (Weasel)	0.3	Marathon	T27N R10E S10	NESW	Brook	1
1991-92	Saul Spring	6.4	Langlade	T32N R14E S24	SENE	Brook & Brown	1
1993-94	Brule Spring	11.0	Forest	T40N R12E S2	SESW	Brook	1
1994	Jacobson Spring	0.8	Marathon	T27N R10E S2	NWNE	Brook	1
1995	Hatton Springs	0.5	Langlade	T31N R13E S8	NWSE	Brook & Brown	1
1996-97	Elton Springpond	6.5	Langlade	T31N R13E S9	SWSW	Brook & Brown	1
1998	Markgraf Springs	1.8	Langlade	T33N R12E S7	NWNW	Brook	3,1
1999	Hoglot Springs	0.9	Langlade	T31N R13E S29	SWNW	Brook	1
2000-01	Starks Springs	3.0	Langlade	T31N R13E S30	SWNE	Brook & Rainbow	1
2001-02	Willow Springs	4.4	Langlade	T33N R11E S11	NWNE	Brook & Brown	1
2003	Trout Spring	1.7	Langlade	T30N R12E S7	SESE	Brook & Brown	1
2004	Maxwell Spring	3.1	Langlade	T30N R12E S3	SENE	Brook & Brown	1
2005	Woodboro Springs	0.8	Oneida	T36N R7E S11	SWSE	Brook	1
2005	McGee Lake (2 Spring Areas)	22.7	Langlade	T31N R13E S28	SWNW	Brook	1
2006	Polar (Page's) Spring	1.7	Langlade	T33N R11E S2	NENE	Brook & Brown	1
2007-08	Northern Sullivan Springs (Twins)	3.6	Oconto	T33N R16E S36	NWSW	Brook	1
2009-10	Trout Springs	2.1	Vilas	T42N R7E S29	SWNW	Brook	1
2011-12	Karbergers Springs	2.1	Langlade	T31N R13E S30	SESE	Brook	1
2013-15	Spring 1-9b (Hemlock Springs)	1.6	Oconto	T33N R15E S1	NESW	Brook	1
2016	Blue Springs	2.0	Langlade	T33N R11E S3	NWSE	Brook & Brown	2
2016?	Spring 2-16 (Kedrick Springs)	0.5	Langlade	T32N R11E S2	SESE	Brook	1

* Access Codes:

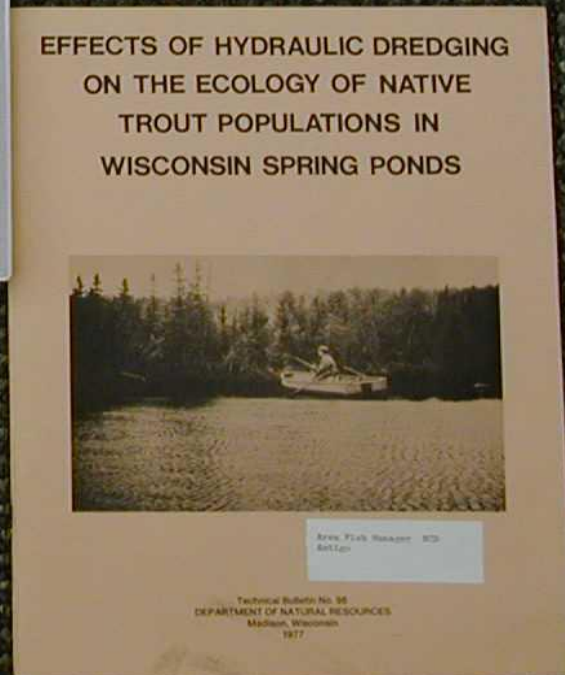
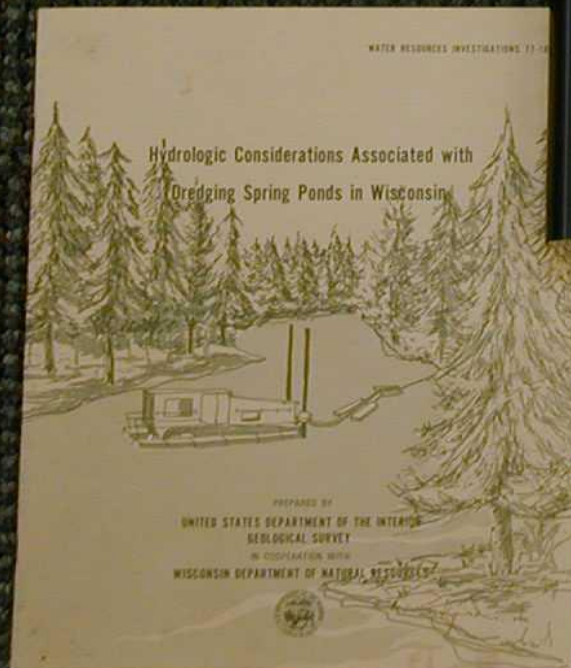
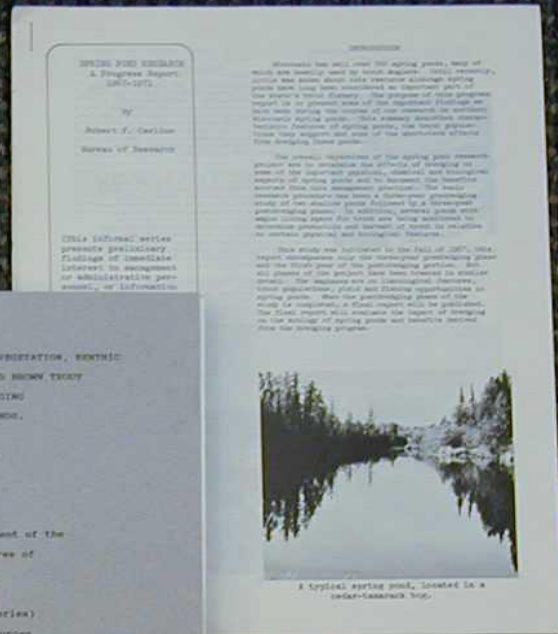
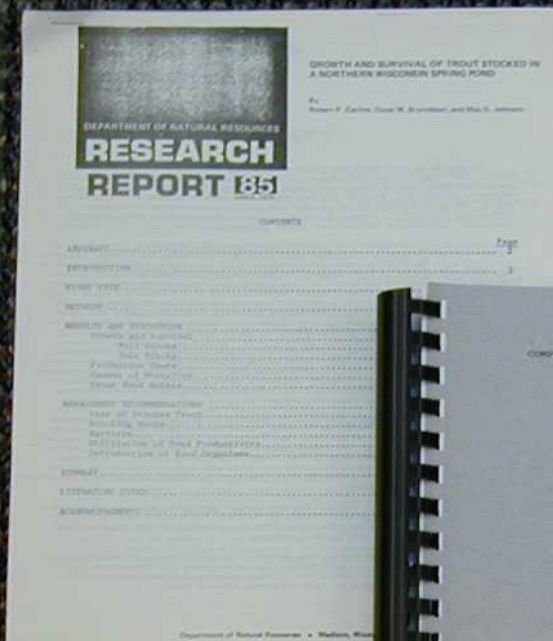
- 1 - Walk-in trail access across public land
- 2 - Public boat launch with parking area
- 3 - Walk-in access across public easement
- 4 - Fishing Pier with drive-in access

Through 2015:

- 55 years (1961 – Present)
- 55 ponds
- 175.0 acres of trout water improved
- 8 counties (Forest – 4, Langlade – 32, Lincoln – 3, Marathon – 5, Oconto – 6, Oneida – 2, Shawano – 1, Vilas – 2)

Antigo Area Spring Pond Dredging Program

- **55 Years (1961 - Present)**
- **55 Spring Ponds**
- **175.0 Acres of Self Sustaining Trout Water**
- **8 Counties:**
 - **Langlade - 32**
 - **Marathon - 5**
 - **Oconto - 6**
 - **Forest - 4**
 - **Lincoln - 3**
 - **Oneida - 2**
 - **Vilas - 2**
 - **Shawano - 1**



High Benefit:Cost Ratio

- ~ \$30,000 per year (one 1-acre or smaller spring pond per year)
- Improved habitat will last hundreds, very likely thousands of years (\$30-\$300 annual cost over life of project)
- Benefits NR trout populations which respond positively
- More living space for trout – especially larger trout
- Improved habitat supports more pounds of trout per acre
- Improved spawning habitat can result
- Highly visible program with much public support (TU and other angler groups)











Acknowledgements:

Antigo Fisheries Personnel & Helpers Throughout the Years
Trout Unlimited Chapters in Northeast Wisconsin



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