

Hole No. 24

SEYMOUR CREEK WATERSHED

Description:- Situated about 500 yds. S. E. of Hole No. 3 in Meadow.

The further inspection of the proposed impounding Reservoir site on Seymour Creek was proceeded with on Sept. 9th and continued until the 13th, during which time inspection of the ground was made and the taking and examination of eight samples of water and soil were completed before returning. The following results were obtained during this visit, viz:-

Hole No. 2 repeat

Water does not clear within 24 hours.

Description:- Sample was taken from water already in the hole, probably consisting of rain water and seepage.

Water

Color Clear
Reaction Neutral
Chlorine Normal

Repeat of Hole No. 3 in Meadow

Ammonia Free Trace - parts per 100,000

Description:- Ammonia, Alb. 0.016 taken from water already in hole, probably seepage and rain water.

Color Light brown
Turbidity None

Hole No. 25

Description:- Situated about 500 yds. S. E. of Hole No. 3 in Meadow.

Soil Ammonia Free 0.003 parts per 100,000
Reaction Alb. Neutral 0.010
Chlorine Normal

Hole No. 27

Ammonia Free 0.003 parts per 100,000

Description:- Situated about 100' S. E. of Prospector's Cabin.

Ammonia, Alb. 0.062 " " "

Crude Suspension - 1½ hrs.

Soil

Water does not clear within 24 hours.

Reaction Neutral
2' dark loam and peaty matter

4'6"

Chlorine Normal
2'5" rock flour

Ammonia, Free 0.004 parts per 100,000

Water coming in

Ammonia, Alb. 0.019 " " "

2.

Hole No. 26

Description:- Situated about 300 yds. S. E. of Hole No. 3 in Meadow.

Soil

Reaction	Neutral
Chlorine	Normal
Ammonia, Free	0.002 parts per 100,000
Ammonia, Alb.	0.030 " " "

Crude Suspension - $1\frac{1}{2}$ hours

Water does not clear within 24 hours.

3' 3" 6" dark loam and peaty matter

3' 2" rock flour

Water.

Repeat of Hole No. 3 in Meadow

Description :- Water sample taken from water already in hole, probably seepage and rain water.

Color	Light brown
Turbidity	None
Reaction	Neutral
Chlorine	Normal
Ammonia Free	0.003 parts per 100,000
Ammonia Alb.	0.010 " " "

Hole No. 27

Description:- Situated about 100' N. E. of Prospector's Cabin.

Soil

Reaction	Neutral
Chlorine	Normal
Ammonia, Free	0.004 parts per 100,000
Ammonia, Alb.	0.019 " " "

Hole No. 27 (Cont.)

Crude Suspension - 5 minutes

Water clears in 24 hours.

3' 3' dark loam
No water.

Hole No. 28

Description:- Situated about 100' N. W. of Hole No. 2.

Soil - A

Reaction	Neutral
Chlorine	Normal
Ammonia, Free	0.002 parts per 100,000
Ammonia, Alb.	0.021 " " "

Crude Suspension - 5 minutes

Water clears in 24 hours.

3'3" A 5'8" sandy loam
5'8" _____
2'5" B
No water.

Soil B

Reaction	Neutral
Chlorine	Normal
Ammonia, Free	Trace
Ammonia, Alb.	0.018 parts per 100,000

Crude Suspension - 5 minutes

Water clears in 24 hours.

4.

Water Sample taken from large stream near camp above Falls
and running under large log :-

Color	Clear
Turbidity	Nil
Reaction	Neutral
Chlorine	Normal
Ammonia, Free	0.002 parts per 100,000
Ammonia, Alb.	0.005 " " "

The further inspection of the proposed impounding Reservoir Site on Seymour Creek was proceeded with on September 29th. and continued until October 1st, during which time Hole No. 2 was taken to a depth of 12'6" and a crowbar forced to a depth of 17'6" without striking gravel. Examination of sample of soil and water were completed before returning. The following results were obtained during this visit :-

Nature of soil - sandy clay.

Soil Analysis - sample taken from bottom of hole 12'6" deep.

Crude Suspension - 15 minutes

Water clears - 30 minutes.

Ammonia Free - trace per 100,000

Ammonia, Alb. 0.006 " "

Water Analysis

sample taken from hole.

Ammonia, Free - 0.001 parts per 100,000

Ammonia, Alb. - 0.016 " " "