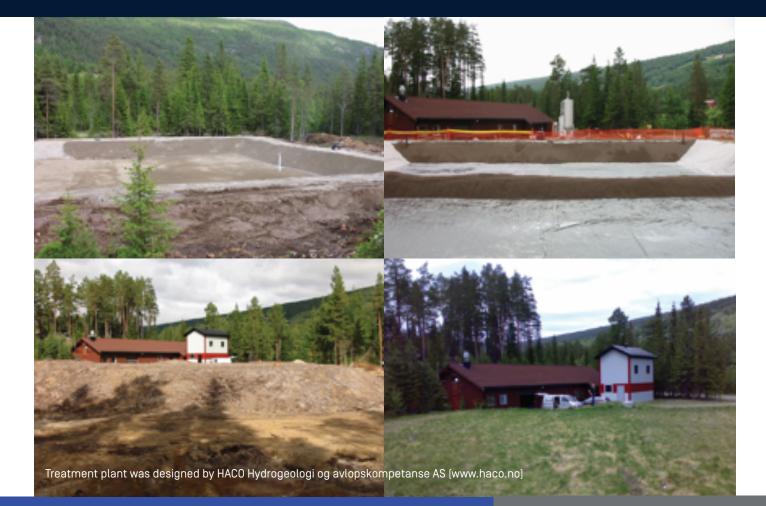


CASE STUDY FILTRALITE NATURE ON-SITE WATER TREATMENT





Upper Uvdal wastewater treatment plant – Filter bed

" To improve Phosphorus removal, Filtralite® Nature P products were included when designing the treatment plant for resort, some houses and several hundred holiday homes at Nore and Uvdal municipalities (NO). "

The treatment plant is built in Nore and Uvdal municipal in Norway. Uvdal ski resort, some houses and several hundred holiday homes are connected to the treatment plant. This gives a dimensioning flow of: Qdim = 360 m3/day, a total of 2000 pe.

The plant is designed as a traditional chemical and biological treatment plant, as a polishing step the effluent is going thru a filter bed with Filtralite before it is discharged into a small creek. The filter bed with Filtralite gives low and stable discharge levels. After 3 years of operation the treatment plant removes 99 % of the phosphorus, which gives a discharge concentration on 0,06 mg/l.

THE FACTS:

Filter media used in this plant	
1000 m3	Filtralite [®] P 0-4 mm
100 m3	Filtralite [®] NR 4-10 mm
100 m3	Filtralite [®] NR 10-20 mm

More information, cases and documentation at www.filtralite.com