

ABSTRACT

SILT CURTAIN FOR WATER QUALITY MANAGEMENT OF WATER
INTAKE FACILITY ADJACENT THERETO AND METHOD FOR CONSTRUCTING
5 THE SAME

The present invention relates to a silt curtain for
water quality management of a water intake facility adjacent
thereto and a method for constructing the same. According to
10 the present invention, the silt curtain includes: a plurality
of piles inserted vertically into subsea ground to a give
depth in such a manner as to be spaced apart from each other
by a given distance; buoys adapted to connect the piles to
each other in such a manner as to be moved in longitudinal
15 directions of the piles according to a level of seawater; a
silt screen fixedly connected to the piles in vertical
directions to the piles in such a manner as to block floating
matters of seawater; and a weight located on the lower end of
the silt screen to apply load to the silt screen.

20 Figure 4