

Evaluation of the Mizorogaike pond of natural environment -Survey of water quality by using Electric Conductivity-

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The conductivity along the north shore ranges from 3.5 to 25.3 mS/m. The high conductivity value may be caused by pollution related to the heavy-traffic road on the north shore. Stagnant water in the reed field might cause large difference of the conductivity.

Along the south shore, the conductivity value showed slight decrease from east (11.6 mS/m) to west (5.6 mS/m). The conductivity value at the east margin is probably to due to leak water from the water work facility. The high conductivity water seems to be gradually diluted to the west by pond water and which is mainly brought of surface runoff.