

Dear Dr. Fer,

We are very grateful for your help in working on the manuscript.

We corrected the text of the manuscript in accordance with your comments.

In the text of the manuscript, we would like to save the term "absolutely stable" stratification, which is often used to describe the UPDW layer. The description of the formation of intrusions in the UPDW layer differs from the description of intrusions due to double diffusion.

We are sending you a clean version #6 of the revised manuscript and a marked-up version #6 of the revised manuscript.

In the marked-up version of the manuscript the additions to the manuscript resulting from correction of the text, are marked in yellow.

Best Regards,

Nataliya Zhurbas