

### Review Form 3

Journal Name:	<a href="#">Chemical Science International Journal</a>
Manuscript Number:	Ms_CSIJ_126283
Title of the Manuscript:	Elimination of sulfate ions in water by addition of an acidified calcium carbonate suspension
Type of the Article	

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	The manuscript is valuable for the development of water treatment technologies. Based on the experiments, a comparative analysis of methods for removing sulfate ions from water is possible in the future. For members of the scientific community involved in this issue, this study will be useful for understanding the process of removing sulfates ions in water by adding an acidified calcium carbonate suspension, given the materials presented in the work and the indicated concentrations of substances. Also, the analysis of the graphical representations of the results provides a basis for conducting similar experiments.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	Yes	
<b>Are subsections and structure of the manuscript appropriate?</b>	Yes	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	The structure of the article gives a clear understanding of the relevance of the issue, the task, the methods and materials used. The conclusions reflect the results obtained. For better coverage of the results obtained, it is suggested that the conclusions emphasize numerous indicators, the substances used in the study and the optimal results obtained. The article opens up questions for discussion, for example, regarding the drop in sulfates ion concentration, which is discussed in the explanation of Figure 3.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	In general, the references reflect these aspects of the work. Also, the introduction states that this is a re-examination of sulfates removal from water. Therefore, I consider it appropriate to indicate previous work of my own, or to indicate the authors who have studied.	
<b>Minor</b> REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language of the article does not raise any questions. I recommend that Figure 2 and Figure 4 be revised by changing their scale for better visualization of the material.	
<b>Optional/General</b> comments	I recommend providing tabular values of the results shown in the figures for better orientation in the work.	

### PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

Name:	<b>David Kovtun</b>
Department, University & Country	<b>National University of Civil Defence Of Ukraine (NUCZU), Ukraine</b>