

Review Form 3

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_124005
Title of the Manuscript:	Magnetic Field Effect on Removal of Dense Non Aqueous Phase Liquid from Unsaturated Zone Using Steam Injection
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>This manuscript offers a valuable contribution to the field of environmental remediation, particularly in addressing the challenging issue of DNAPL contamination in unsaturated zones. By investigating the combined effects of steam injection and magnetic fields, the authors provide novel insights into enhancing the removal efficiency of these harmful contaminants. The findings have significant implications for developing more effective and sustainable remediation strategies, protecting groundwater resources, and mitigating environmental risks associated with DNAPL contamination.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title accurately reflects the core focus of the manuscript, clearly stating the methodology (steam injection and magnetic field) and the target pollutant (DNAPL) in the context of the unsaturated zone. It is concise, informative, and effectively conveys the main research question.</p>	
<p>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.</p>	<p>The abstract provides a good overview of the study, including the research objectives, methodology, key findings, and conclusions. However, I would suggest adding a brief statement about the potential environmental and economic benefits of the proposed remediation technique. This would further emphasize the significance of the research.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript is well-structured with clear subsections that logically follow each other, enhancing the readability and understanding of the content. The organization is appropriate and contributes to the overall coherence of the manuscript.</p>	
<p>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.</p>	<p>The manuscript demonstrates a strong foundation in scientific principles and methodologies. The authors have effectively employed experimental techniques and data analysis to support their conclusions. The discussion is well-reasoned and provides a comprehensive interpretation of the results. The manuscript exhibits a high level of technical soundness and scientific rigor.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The literature review could be strengthened by including more recent studies on the use of magnetic fields in remediation processes.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the article is generally good.</p>	
<p>Optional/General comments</p>	<p>How was the carbon tetrachloride distributed within the unsaturated zone? Was it uniformly distributed or concentrated in specific areas?</p>	

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Noushin Dadashzadeh Gargari
Department, University & Country	Islamic Azad University, Iran