Q1:

Questions need to be answered:

1-1. Is there contamination?

1-2. What form does the contamination take?

List possible forms of contaminants, two or least.

1-3. Where is the contamination source? Static or Moving?

if moving, how fast?

Think of ways to detect contamination source and
the moving direction of the contaminants. Example: Sampling at
(A table of possible ways with comments varies locations ...)

will be sufficient, no calculation is needed)

1-4. What methods may be used to arrest movement or remove the source?

Please conduct a small research using Internet

List at least TWD Methods

(No calculation is needed)

Q2 & Q3 Define Parameters and How to obtain them

Answer should follow the format below

<table>
<thead>
<tr>
<th>Issue</th>
<th>Method</th>
<th>Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>example</td>
<td>pump test</td>
<td>h, k, n</td>
</tr>
</tbody>
</table>
List at least TWO MORE Issues and corresponding parameters, No calculation needed.

Q4. Possible Solutions?

The answer will follow the format below:

<table>
<thead>
<tr>
<th>Issue</th>
<th>Remediation Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWO is required</td>
</tr>
</tbody>
</table>

Take this chance to think about your final remediation project presentation, is there any insight from the six remediation method?

Air Stripping; Biological Methods; Contaminant and Ground Modification Methods; Electrolytic Methods;
Soil Wash Methods; Thermal Methods

Which one/ones is/are good for this case?
Which one/ones is/are trivial for this case?
Are there other methods?
Write this HW as a simplified version of a short report to MOE, unreadable handwriting will be subject to deductions up to 20%.