

1. If (pH is NA) **AND** (D.O. is NA) **AND** (E.C. is NA) **AND** (O.R.P is NA) **AND** (Temperature is NA) then (Water Quality is NA)
2. If (pH is ADE) **AND** (D.O. is AND) **AND** (E.C. is ADE) **AND** (O.R.P is ADE) **AND** (Temperature is ADE) then (Water Quality is ADE)
3. If (pH is HACC) **AND** (D.O. is HACC) **AND** (E.C. is HACC) **AND** (O.R.P is HACC) **AND** (Temperature is HACC) then (Water Quality is HACC)
4. If (pH is ADE) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
5. If (pH is not NA) **OR** (D.O. is ADE) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
6. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is ADE) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
7. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is ADE) **OR** (Temperature is not NA) then (Water Quality is ADE)
8. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is ADE) then (Water Quality is ADE)
9. If (pH is HACC) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
10. If (pH is not NA) **OR** (D.O. is HACC) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
11. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is HACC) **OR** (O.R.P is not NA) **OR** (Temperature is not NA) then (Water Quality is ADE)
12. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is HACC) **OR** (Temperature is not NA) then (Water Quality is ADE)
13. If (pH is not NA) **OR** (D.O. is not NA) **OR** (E.C. is not NA) **OR** (O.R.P is not NA) **OR** (Temperature is HACC) then (Water Quality is ADE)

Note: The summary of above rules can be refer from Section 2.3.1 of research paper.

