CHAPTER VI
CONCLUSIONS

This chapter contains the conclusion of the research and suggestions for the future research.

6.1   Conclusion

Based on the assessment using the fuzzy rule-based system in this research, it can be concluded as follows:

1. The closed-loop supply chain performance of PT Tirta Investama Plant Solok is at a fair category with a score of 4.85.
2. The final score is influenced by the scores on the measures of forward chain performance evaluation (7.09) and the measures of reverse chain performance evaluation (4.77).
3. In order to obtain a better performance, it is important for company to conduct improvements related to material features (MF) and supplier commitment (SC) measures on the reverse chain, as well as product characteristics (PC) in the forward chain. If the performance on the metric of each measure is increase, the performance on that measure will also increase and indirectly will affect the overall performance of closed-loop supply chain performance.

6.2   Suggestions

Since this research only conducted the bottled water of AQUA 600 mL and AQUA 1500 mL size, future research can be expanded to assess all sizes of bottled water in the company. It will help the company to know the overall performance of its closed-loop supply chain.