1. Weekly testing will be conducted on-site to monitor the composting process and ensure compliance with the AS 4454.
2. Raw ingredients will be tested bi-monthly for pesticide residues and/or pollutants.
3. Construct a leachate dam within the composting site lined with a membrane liner of permeability for water of less than 10^{-14} ms^{-1}.
4. Construct a compact base and fine gravel access road and a sealed surface at least 12 metres back from Plenty Valley Road.
5. Provide two pumps to ensure adequate aeration in the leachate dam.
6. Three bore holes will be installed for the purpose of monitoring leaching to groundwater. One will be located near the windrows, one near the dam and a control bore hole outside of the composting site. All bore holes will be monitored bi-monthly.
7. Provide two windrow turners and a front end loader to guarantee regular compost turning.
8. Maintain a minimum buffer distance of 50m between the compost windrows and the contact fault.
9. MA will dispose of laboratory chemical waste monthly.
10. Install a dual purposed septic tank system in a $10m^2$ area to accommodate one 10m long x 1.2m wide x 0.6m deep trench connected to a minimum 3000L dual purposed septic tank.
11. Overflow from the two water tanks will be diverted via drains to the leachate dam and used in the windrows.
12. Remove vegetation to the east and west of the proposed entrance site to provide sight distance.
13. Provide sight benching on the opposite side of the entrance on Plenty Valley Rd.
14. No compost raw ingredients will be placed in stockpiles, all ingredients will be placed directly into the windrows and turned and watered immediately. Compost will be sold from the compost windrows and will not be stockpiled.
15. The ground beneath the compost holding and production area (as shown in DPEMP Supplement, attachment 2) will be compacted. The top soil will be removed as per Appendix K (Soil permeability calculations) of the DPEMP and compacted ground will be achieved with a single or twin drum roller. Gravel will also be placed on top of the clay.
16. Bunding will be constructed by placing mounds (0.8 m high and 0.5 m wide) with a clay core to provide impermeability (10^{-9} ms^{-1}) at appropriate points around the composting site to divert leachate in to the leachate dam (Appendix 2). Other material to produce the bunding will be top soil removed from the composting site.
17. The leachate dam will be monitored weekly. Microbial Activity will test for hydrogen sulphide and levels of dissolved oxygen. If hydrogen sulphide is present or levels of dissolved oxygen are below 6 ppm then the leachate dam will be aerated. An aspirator will be used to prevent algal blooms.

    Microbial Activity will also maintain a water balance spreadsheet for the composting site. Microbial Activity will:

    - measure daily rainfall using an onsite rainfall gauge;
    - calculate daily evaporation based on data from the Moogara and Bushy Park weather stations;
    - prepare a calibration weir to measure the amount of site runoff; and
    - measure the depth of the leachate dam.