

## Main changes to FEMPs

### Killermont Station

- The Highly Developed setting has been included and complied with (entailing a greater reallocation from WHL KMT)

### General changes for GED, WHL KMT and OD:

- FEMP has been reformatted to facilitate ease of use with multiple scenarios;
- FERA has been reformatted to illustrate general risks and those specific to each receiving environment;
- Construction phase risks have been considered in FERA;
- Mitigations table have been expanded to include all management options to facilitate auditing;
- Example abnormal conditions given;
- Auditing tables have been clarified;
- Appendices include OVERSEER outputs and original models that can be checked where report function in OVERSEER is not functioning;
- Appendices have been updated to include a list of modeling assumptions to facilitate auditing; and
- Appendices have been updated to include a table showing how losses for all scenarios are calculated where these include outputs from several models.

### SHL KMT

- Updated irrigation area as per Dr Freeman's table.
- Update animal weights as per Mr McNae's audit.
- Effluent storage freeboard recommended to be 500 mm.
- Additional 3 scenarios considered:
  - Cut and carry with arable pasture renewal phase;
  - Sheep and beef finishing enterprise with cut and carry and arable pasture renewal phase; and
  - Mixed enterprise with dairy, sheep and beef finishing enterprise with cut and carry and arable pasture renewal phase.

### GED

- Update animal weights as per Mr McNae's audit.
- Effluent storage freeboard recommended to be 500 mm.
- Additional 4 scenarios considered:
  - Cut and carry with arable pasture renewal phase;
  - Sheep and beef finishing enterprise with cut and carry and arable pasture renewal phase;
  - Mixed enterprise with dairy, sheep and beef finishing enterprise with cut and carry and arable pasture renewal phase; and
  - Conventional dairy and cut and carry.

### OD

- Update animal weights as per Mr McNae's audit.

- Effluent storage freeboard recommended to be 500 mm.
- The alternative scenario of beef and sheep finishing has been more fully explained.
- Additional 1 scenario considered:
  - Cut and carry with arable pasture renewal phase plus dryland sheep enterprise.