

Schedule Two

Meridian Energy Limited

Conditions of Consent for Otago Regional Council

Consent No: 2006.483 Land Use Consent: To replace, extend and erect structures within the bed of watercourses and the construction of diversion channels and the associated disturbance of the bed of watercourses for the purpose of replacing, installing and upgrading culverts and constructing diversion channels.

1. The culverts shall be sized, constructed and located as described in the Project Hayes Resource Consent Application for consent dated 31 October 2006. If there are any inconsistencies between the application and this consent, the conditions of this consent shall prevail.
2. The Consent Holder shall ensure that any contractors engaged to undertake work authorised by this consent abide by the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
3. The Consent Holder shall submit and implement a Construction Environmental Management Plan (CEMP) for all construction works authorised by this consent, to the Consent Authority for certification at least one month prior to any works commencing. The CEMP shall be in general accordance with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The CEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The CEMP shall include, but not be limited to, the following:

- Roles and responsibilities, including the appointment of a representative for the Consent Holder as the primary contact person in regard to the matters relating to this consent;
- Arrangement and conduct of a pre-construction site meeting between all relevant parties, and relevant local authorities, prior to any works commencing on the site to discuss implementation of erosion and sediment control measures;
- Sequencing of works over the whole site;
- The potential adverse effects of the works;
- Procedures for the earthworks, selection of fill disposal areas, erosion and sediment control, site revegetation and stabilisation, fire prevention, managing hazardous substances and spill contingencies, and accidental discovery protocols.

- Procedures for identification of areas on the site of historical, cultural and/or ecological significance;
- In respect of erosion and sediment control the CEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region;
- Principles and procedures for rehabilitation of exposed areas including rehabilitation methods and vegetation mixes, including any techniques to be used to re-vegetate rock cuts if practicable;
- Procedures for the avoidance of new infestations of woody weeds (e.g. gorse and broom);
- The method for preparation and submission of Supplementary Environmental Management Plans (SEMP);
- Monitoring, record-keeping and maintenance requirements including post construction Civil Surveillance Monitoring; and
- Contingency measures

Note: The CEMP provides an umbrella document that identifies the management processes and techniques to ensure appropriate environmental management of the site.

Post-construction matters (the continued use and maintenance of structures and related activities) addressed by the CEMP shall not be limited in duration. The Consent Holder shall pass a copy of this consent, including any relevant site plans and attachments, to the contractor undertaking the works authorised by this consent, prior to the works commencing

4. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled “*Proposed Location of SEMP Zones 1 to 11*” dated June 2006 (T&T ref 83208.005), and for the following specific activities:

- Old Dunstan Road upgrading;
- Concrete Batching Plant; and
- Construction of the substations;
- The 220kV transmission line; and
- Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with

the CEMP and with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D “*Construction Environment Management Plan*” to Appendix B “*Construction Effects Report*”.

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;
 - Culverts;
 - Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.

- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

5. The Consent Holder may request amendments to the CEMP or any SEMP by submitting the amendments in writing to the consent authority for certification prior to any change taking effect.
6. All culverts shall be designed to carry a minimum of 1 in 10 year flow and a secondary flow path to carry up to the 1 in 100 year flow.
7. The gradient of any culvert must match that of the existing channel invert.
8. Works shall be undertaken as far as practicable, when flows in the watercourses are low.
9. The Consent Holder shall as part of the preparation of the CEMP and SEMPs in relation to in stream construction activities, identify whether a given waterway is significant as a brown trout habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on spawning habitat present, created by the proposed works, the Consent Holder shall avoid work during the brown trout spawning season (May – August) at that site.
10. The Consent Holder shall as part of the preparation of the CEMP and SEMP in relation to instream construction activities, identify, in consultation with the Department of Conservation, Otago Conservancy, whether a given watercourse is significant as a

galaxiid habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on the spawning habitat present, created by the proposed works, the Consent Holder shall avoid the galaxiid spawning season (August - mid December) unless it is confirmed that the spawning season at a specific site is of a lesser time period (of August to November inclusive).

11. During the exercise of this consent, the Consent Holder shall ensure that no contaminants, including fuel, oil, cement or cement products, enter the watercourses. In the event of contamination, the Consent Holder shall undertake remedial action and shall notify the Consent Authority as soon as practical.
12. Fuel storage tanks and machinery working and stored in the construction area shall be maintained at all times to prevent leakage of oil and other contaminants into the watercourses. No refuelling of machinery shall occur within the watercourse.
13. All earth moving machinery shall be water blasted prior to entering the Project Hayes site to reduce the potential for the introduction of pest species to water courses. Any machinery that has worked in watercourses prior to entering the site shall be cleaned with suitable chemicals or agents to kill didymo. At no time during the exercise of this consent shall machinery be washed within the bed of a water course.

Advice Note: The Consent Holder shall comply with all notices and guidelines issued by Biosecurity New Zealand, in relations to avoiding spreading the pest organism *Didymosphenia geminata*, known as “Didymo”, (refer to www.biosecurity.govt.nz/didymo).

14. All works shall be undertaken, as far as practicable, outside the wet bed of the watercourse.
15. The Consent Holder shall minimise damage to riparian vegetation when exercising this consent
16. The Consent Holder shall ensure that existing fish passage is not impeded as a result of the placement of the culverts. Fish passage shall not be maintained where trout exist below the culvert site but not above it.

17. The Consent Holder shall ensure that once completed the works authorised by this consent do not cause any flooding, erosion, scouring, land instability or property damage. Should such effects occur due to the exercise of this consent, the Consent Holder shall, if so required by the Consent Authority and at no cost to the Consent Authority, take all such action as the Consent Authority may require, to remedy any such damage.
18. Prior to, or immediately following completion of the works authorised by this consent, the Consent Holder shall ensure that all plant, equipment, chemicals, fencing, signage, debris, rubbish and any other material brought on site is removed from the site. The site shall be tidied to a degree at least equivalent to that prior to the works commencing.
19. The Consent Holder shall ensure that any damage to the stream banks, be reinstated to a quality at least equivalent to that prior to the works commencing, within one month of completion of the works and the revegetation of any existing riparian vegetation in the same vicinity is in progress.
20. Representative photographs shall be taken of the site:
 - (a) before works commence; and
 - (b) immediately after the completion of works and rehabilitation of the site,

These photographs shall be provided to the Consent Authority within one month of the final photographs being taken.

21. The Consent Holder shall prepare an Accidental Discovery Protocol as part of the Construction Environmental Management Plan prior to construction of the wind farm. The Protocol shall be prepared in consultation with Kai Tahu ki Otago and the New Zealand Historic Places Trust. The protocol shall be put in place for any earthmoving or ground modification that occurs during the construction and operation of the wind farm. The Protocol shall set out the steps to take should any prehistoric (Maori) or historic archaeological site be found as a result of any earthmoving or ground modification that occurs during the construction and operation of the wind farm at any time

In the case of accidental discovery of an archaeological site a programme of archaeological site investigation shall be carried out by the consent holder. Any such site shall be properly excavated, recorded, analysed and reported upon under the

supervision of an appropriately qualified archaeologist. All archaeological work shall be carried out to the best professional standards. In the event that koiwi tangata (human skeletal remains), taonga or artefact material are discovered during site construction, the Consent Holder shall, without delay:

- i) Cease all work within the immediate vicinity of the discovery;
- ii) Notify their nominated Archaeologist, the Consent Authority, the appropriate runanga, the New Zealand Historic Places Trust, and in the case of koiwi tangata (skeletal remains), the New Zealand Police.
- iii) Enable a site inspection by the New Zealand Historic Places Trust and the appropriate runanga, and their advisors, who shall determine the nature of the discovery and the further action required, including whether an Archaeological Authority is required under the Historic Places Act 1993.
- iv) Any koiwi tangata or taonga shall be handled and removed by iwi responsible for the tikanga (custom) appropriate to its removal and preservation.
- v) Ensure that the further action identified in accordance in part (iii) of this condition is undertaken.
- vi) Upon completion of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the Consent Holder may recommence site construction following consultation with the consent authority, appropriate runanga, the New Zealand Historic Places Trust, and, in the case of koiwi tangata (skeletal remains), the New Zealand Police.

22. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.484: Land Use Consent to disturb the bed of watercourses and deposit fill material which may enter watercourses for the purposes of disposing of fill material

1. The fill shall be deposited as described in the Project Hayes Resource Consent Application for consent dated 31 October 2006. If there are any inconsistencies between the application and this consent, the conditions of this consent shall prevail.
2. The Consent Holder shall ensure that any contractors engaged to undertake work authorised by this consent abide by the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
3. The Consent Holder shall submit and implement a Construction Environmental Management Plan (CEMP) for all construction works authorised by this consent, to the Consent Authority for certification at least one month prior to any works commencing. The CEMP shall be in general accordance with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The CEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The CEMP shall include, but not be limited to, the following:

- Roles and responsibilities, including the appointment of a representative for the Consent Holder as the primary contact person in regard to the matters relating to this consent;
- Arrangement and conduct of a pre-construction site meeting between all relevant parties, and relevant local authorities, prior to any works commencing on the site to discuss implementation of erosion and sediment control measures;
- Sequencing of works over the whole site;
- The potential adverse effects of the works;
- Procedures for earthworks, selection of fill disposal areas, erosion and sediment control, site re-vegetation and stabilisation, fire prevention, managing hazardous substances and spill contingencies, and accidental discovery protocols.
- Procedures for identification of areas on the site of historical, cultural and/or ecological significance;

- In respect of erosion and sediment control the CEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region;
- Principles and procedures for rehabilitation of exposed areas including rehabilitation methods and vegetation mixes, including any techniques to be used to re-vegetate rock cuts if practicable;
- Procedures for the avoidance of new infestations of woody weeds (e.g. gorse and broom);
- The method for preparation and submission of Supplementary Environmental Management Plans (SEMP);
- Monitoring, record-keeping and maintenance requirements including post construction Civil Surveillance Monitoring; and
- Contingency measures.

Note: The CEMP provides an umbrella document that identifies the management processes and techniques to ensure appropriate environmental management of the site. Post-construction matters (the continued use and maintenance of structures and related activities) addressed by the CEMP shall not be limited in duration. The Consent Holder shall pass a copy of this consent, including any relevant site plans and attachments, to the contractor undertaking the works authorised by this consent, prior to the works commencing

4. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled “*Proposed Location of SEMP Zones 1 to 11*” dated June 2006 (T&T ref 83208.005), and for the following specific activities:

- Old Dunstan Road upgrading;
- Concrete Batching Plant; and
- Construction of the substations;
- The 220kV transmission line; and
- Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October

2006, in particular, Appendix D “*Construction Environment Management Plan*” to Appendix B “*Construction Effects Report*”.

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;
 - Culverts;
 - Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;

- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

5. The Consent Holder may request amendments to the CEMP or any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.
6. No fill shall be deposited within 20 metres of a formed water channel.
7. Works shall be undertaken as far as practicable, when flows in the watercourses are low.
8. The Consent Holder shall as part of the preparation of the CEMP and SEMPs in relation to in stream construction activities, identify whether a given watercourse is significant as a brown trout habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on spawning habitat present created by the proposed works, the Consent Holder shall avoid work during the brown trout spawning season (May – August) at that site.
9. The Consent Holder shall, as part of the preparation of the CEMP and SEMP in relation to instream construction activities, shall identify, in consultation with the Department of Conservation, Otago Conservancy, whether a given waterway is significant as a galaxiid habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on the spawning habitat present, created by the proposed works, the Consent Holder shall avoid the galaxiid spawning season (August - mid December) unless it is confirmed that the spawning season at a specific site is of a lesser time period (of August to November inclusive).

10. During the exercise of this consent, the Consent Holder shall ensure that no contaminants, including fuel, oil, cement or cement products, enter the watercourses. In the event of contamination, the Consent Holder shall undertake remedial action and shall notify the Consent Authority as soon as practical.
11. Fuel storage tanks and machinery working and stored in the construction area shall be maintained at all times to prevent leakage of oil and other contaminants into the watercourses. No refuelling of machinery shall occur within the watercourse.
12. All earth moving machinery shall be water blasted prior to entering the Project Hayes site to reduce the potential for the introduction of pest species to watercourses. Any machinery that has worked in waterways prior to entering the site shall be cleaned with suitable chemicals or agents to kill didymo. At no time during the exercise of this consent shall machinery be washed within the bed of a water course.

Advice Note: The Consent Holder shall also comply with all notices and guidelines issued by Biosecurity New Zealand, in relations to avoiding spreading the pest organism *Didymosphenia geminata* known as “Didymo” (refer to www.biosecurity.govt.nz/didymo).

13. All works shall be undertaken, as far as practicable, outside the wet bed of the watercourse.
14. The Consent Holder shall ensure that any bed disturbance is limited to the extent necessary to carry out the works.
15. On completion, the works shall not result in any decrease of the cross-sectional area of the streambed, as it existed prior to commencement of the works authorised by this consent.
16. The Consent Holder shall minimise damage to riparian vegetation when exercising this consent.
17. The Consent Holder shall ensure that existing fish passage is not impeded as a result of the deposition of the fill. Fish passage shall not be maintained where trout exist below the fill site but not above it

18. The Consent Holder shall ensure that once completed the works authorised by this consent do not cause any flooding, erosion, scouring, land instability or property damage. Should such effects occur due to the exercise of this consent, the Consent Holder shall, if so required by the Consent Authority and at no cost to the Consent Authority, take all such action as the Consent Authority may require, to remedy any such damage.
19. Prior to, or immediately following completion of the works authorised by this consent, the Consent Holder shall ensure that all plant, equipment, chemicals, fencing, signage, debris, rubbish and any other material brought on site is removed from the site. The site shall be tidied to a degree at least equivalent to that prior to the works commencing.
20. The Consent Holder shall ensure that any damage to the stream banks, be reinstated to a quality at least equivalent to that prior to the works commencing, within one month of completion of the works and the revegetation of any existing riparian vegetation in the same vicinity is in progress.
21. Representative photographs shall be taken of the site:
 - (a) before works commence; and
 - (b) immediately after the completion of works and rehabilitation of the site

These photographs shall be provided to the Consent Authority within one month of the final photographs being taken.

22. The Consent Holder shall prepare an Accidental Discovery Protocol as part of the Construction Environmental Management Plan prior to construction of the wind farm. The Protocol shall be prepared in consultation with Kai Tahu ki Otago and the New Zealand Historic Places Trust. The protocol shall be put in place for any earthmoving or ground modification that occurs during the construction and operation of the wind farm. The Protocol shall set out the steps to take should any prehistoric (Maori) or historic archaeological site be found as a result of any earthmoving or ground modification that occurs during the construction and operation of the wind farm at any time

In the case of accidental discovery of an archaeological site a programme of archaeological site investigation shall be carried out by the consent holder. Any such

site shall be properly excavated, recorded, analysed and reported upon under the supervision of an appropriately qualified archaeologist. All archaeological work shall be carried out to the best professional standards. In the event that koiwi tangata (human skeletal remains), taonga or artefact material are discovered during site construction, the Consent Holder shall, without delay:

- i) Cease all work within the immediate vicinity of the discovery;
- ii) Notify their nominated Archaeologist, the Consent Authority, the appropriate runanga, the New Zealand Historic Places Trust, and in the case of koiwi tangata (skeletal remains), the New Zealand Police.
- iii) Enable a site inspection by the New Zealand Historic Places Trust and the appropriate runanga, and their advisors, who shall determine the nature of the discovery and the further action required, including whether an Archaeological Authority is required under the Historic Places Act 1993.
- iv) Any koiwi tangata or taonga shall be handled and removed by iwi responsible for the tikanga (custom) appropriate to its removal and preservation.
- v) Ensure that the further action identified in accordance in part (iii) of this condition is undertaken.
- vi) Upon completion of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the Consent Holder may recommence site construction following consultation with the consent authority, appropriate runanga, the New Zealand Historic Places Trust, and, in the case of koiwi tangata (skeletal remains), the New Zealand Police.
- vii) Completion of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the Consent Holder may recommence site construction following consultation with the consent authority, appropriate runanga, the New Zealand Historic Places Trust, and, in the case of koiwi tangata (skeletal remains), the New Zealand Police.

23. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.485 Land Use Consent: To erect defences against water for the purpose of flood protection.

1. The works shall be as described in the Project Hayes Resource Consent Application for consent dated 31 October 2006. If there are any inconsistencies between the application and this consent, the conditions of this consent shall prevail.
2. The Consent Holder shall ensure that any contractors engaged to undertake work authorised by this consent abide by the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
3. The Consent Holder shall submit and implement a Construction Environmental Management Plan (CEMP) for all construction works authorised by this consent, to the Consent Authority for certification at least one month prior to any works commencing. The CEMP shall be in general accordance with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The CEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The CEMP shall include, but not be limited to, the following:

- Roles and responsibilities, including the appointment of a representative for the Consent Holder as the a primary contact person in regard to the matters relating to this consent;
- Arrangement and conduct of a pre-construction site meeting between all relevant parties, and relevant local authorities, prior to any works commencing on the site to discuss implementation of erosion and sediment control measures;
- Sequencing of works over the whole site;
- The potential adverse effects of the works;
- Procedures for earthworks, selection of fill disposal areas, erosion and sediment control, site re-vegetation and stabilisation, fire prevention, managing hazardous substances and spill contingencies, and accidental discovery protocols.
- Procedures for identification of areas on the site of historical, cultural and/or ecological significance;

- In respect of erosion and sediment control the CEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region;
- Principles and procedures for rehabilitation of exposed areas including rehabilitation methods and vegetation mixes, including any techniques to be used to re-vegetate rock cuts if practicable;
- Procedures for the avoidance of new infestations of woody weeds (e.g. gorse and broom);
- The method for preparation and submission of Supplementary Environmental Management Plans (SEMP);
- Monitoring, record-keeping and maintenance requirements including post construction Civil Surveillance Monitoring; and
- Contingency measures.

Note: The CEMP provides an umbrella document that identifies the management processes and techniques to ensure appropriate environmental management of the site. Post-construction matters (the continued use and maintenance of structures and related activities) addressed by the CEMP shall not be limited in duration. The Consent Holder shall pass a copy of this consent, including any relevant site plans and attachments, to the contractor undertaking the works authorised by this consent, prior to the works commencing

4. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled “*Proposed Location of SEMP Zones 1 to 11*” dated June 2006 (T&T ref 83208.005), and for the following specific activities:

- Old Dunstan Road upgrading;
- Concrete Batching Plant; and
- Construction of the substations;
- The 220kV transmission line; and
- Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October

2006, in particular, Appendix D “Construction Environment Management Plan” to Appendix B “Construction Effects Report”.

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;
 - Culverts;
 - Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;

- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocol's

Advice Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

5. The Consent Holder may request amendments to the CEMP or any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.
6. Works shall be undertaken as far as practicable, when flows in the watercourses are low.
7. The Consent Holder shall as part of the preparation of the CEMP and SEMPs in relation to in stream construction activities, identify whether a given waterway is significant as a brown trout habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on spawning habitat present, created by the proposed works, the Consent Holder shall avoid work during the brown trout spawning season (May – August) at that site.
8. The Consent Holder shall, as part of the preparation of the CEMP and SEMP in relation to instream construction activities, shall identify, in consultation with the Department of Conservation, Otago Conservancy, whether a given watercourse is significant as a galaxiid habitat and whether the proposed works will affect this habitat. Where it is established that there will be actual or potential adverse effects on the spawning habitat present, created by the proposed works, the Consent Holder shall avoid the galaxiid spawning season (August – mid December) unless it is confirmed that the spawning season at a specific site is of a lesser time period (of August to November inclusive).
9. During the exercise of this consent, the Consent Holder shall ensure that no contaminants, including sediment, fuel, oil, cement or cement products, enter the

watercourses. In the event of contamination, the Consent Holder shall undertake remedial action and shall notify the Consent Authority as soon as practical.

10. Fuel storage tanks and machinery working and stored in the construction area shall be maintained at all times to prevent leakage of oil and other contaminants into the watercourses. No refuelling of machinery shall occur within the watercourse.
11. All earth moving machinery shall be water blasted prior to entering the Project Hayes site to reduce the potential for the introduction of pest species to water courses. Any machinery that has worked in waterways prior to entering the site shall be cleaned with suitable chemicals or agents to kill didymo. At no time during the exercise of this consent shall machinery be washed within the bed of a water course.

Advice Note: The Consent Holder shall comply with all notices and guidelines issued by Biosecurity New Zealand, in relations to avoiding spreading the pest organism *Didymosphenia* *eminate* known as “Didymo” (refer to www.biosecurity.govt.nz/didymo).

12. The Consent Holder shall ensure that as far as is practicable machinery used to undertake works shall not be operated from within the wet bed of the watercourse.
13. The Consent Holder shall minimise damage to riparian vegetation when exercising this consent.
14. The Consent Holder shall ensure that once completed, the works authorised by this consent do not cause any flooding, erosion, scouring, land instability or property damage. Should such effects occur due to the exercise of this consent, the Consent Holder shall, if so required by the Consent Authority and at no cost to the Consent Authority, take all such action as the Consent Authority may require, to remedy any such damage.
15. Prior to, or immediately following completion of the works authorised by this consent, the Consent Holder shall ensure that all plant, equipment, chemicals, fencing, signage, debris, rubbish and any other material brought on site is removed from the site. The site shall be tidied to a degree at least equivalent to that prior to the works commencing.

16. The Consent Holder shall ensure that any damage to the stream banks, be reinstated to a quality at least equivalent to that prior to the works commencing, within one month of completion of the works and the revegetation of any existing riparian vegetation in the same vicinity is in progress.
17. Representative photographs shall be taken of the site:
 - (a) before works commence; and
 - (b) immediately after the completion of works and rehabilitation of the site

These photographs shall be provided to the Consent Authority within one month of the final photographs being taken.

18. The Consent Holder shall prepare an Accidental Discovery Protocol as part of the Construction Environmental Management Plan prior to construction of the wind farm. The Protocol shall be prepared in consultation with Kai Tahu ki Otago and the New Zealand Historic Places Trust. The protocol shall be put in place for any earthmoving or ground modification that occurs during the construction and operation of the proposed wind farm. The Protocol shall set out the steps to take should any prehistoric (Maori) or historic archaeological site be found as a result of any earthmoving or ground modification that occurs during the construction and operation of the proposed wind farm at any time

In the case of accidental discovery of an archaeological site a programme of archaeological site investigation shall be carried out by the consent holder. Any such site shall be properly excavated, recorded, analysed and reported upon under the supervision of an appropriately qualified archaeologist. All archaeological work shall be carried out to the best professional standards. In the event that koiwi tangata (human skeletal remains), taonga or artefact material are discovered during site construction, the Consent Holder shall, without delay:

- i) cease all work within the immediate vicinity of the discovery;
- ii) Notify their nominated Archaeologist, the consent authority, the appropriate runanga, the New Zealand Historic Places Trust, and in the case of koiwi tangata (skeletal remains), the New Zealand Police.

iii) Enable a site inspection by the New Zealand Historic Places Trust and the appropriate runanga, and their advisors, who shall determine the nature of the discovery and the further action required, including whether an Archaeological Authority is required under the Historic Places Act 1993.

iv) Any koiwi tangata or taonga shall be handled and removed by iwi responsible for the tikanga (custom) appropriate to its removal and preservation.

v) Ensure that the further action identified in accordance in part (iii) of this condition is undertaken.

vi) Upon completion of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the Consent Holder may recommence site construction following consultation with the consent authority, appropriate runanga, the New Zealand Historic Places Trust, and, in the case of koiwi tangata (skeletal remains), the New Zealand Police.

19. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.486 Land Use Consent: To construct bores for the purpose of dewatering construction sites.

1. If this consent is not given effect to within a period of ten years from the date of commencement of this consent, this consent shall lapse under section 125 of the Resource Management Act 1991. The consent shall attach to the land to which it relates.
2. Within two weeks after completion of each bore construction, the Consent Holder shall forward the following information to the Consent Authority:
 - (a) a map showing the specific location of each bore; and
 - (b) copies of the results of any pumping tests carried out.
3. Copies of the results of any water quality analyses performed on the groundwater shall be forwarded to the Consent Authority within two weeks of the analysis being undertaken.
4. Work carried out during the construction of the bore shall be to the New Zealand Standard “*Environmental Standard for Drilling of Soil and Rock*” NZS 4411:2001.
5. The bore head casing and reticulation shall be suitably constructed and sealed to avoid ingress of surface water and other foreign matter.
6. The bore integrity shall be maintained at all times unless abandoned. If the bore is abandoned, it shall be appropriately sealed/grouted and backfilled to prevent contaminants from entering the bore at any level.

Notes to Consent Holder

1. *If there is a discharge of contaminants, including human sewage, onto land within 50 metres of a bore used to supply water for domestic purposes or drinking water for livestock, a resource consent may be required for the discharge under the Regional Plan: Water for Otago.*
2. *If there is a discharge of contaminants, including contaminants from offal pits, farm landfills, silage production and greenwaste landfills, onto land within 100 metres of a bore used to supply water for domestic purposes or drinking water for*

livestock, a resource consent may be required for the discharge under the Regional Plan: Waste.

Consent No. 2006.487 Water Permit: To take groundwater from an unnamed aquifer for the purpose of dewatering construction sites.

1. The dewatering of the excavations shall not give rise to any land instability, subsidence or property damage.
2. The Consent Holder shall ensure that wetland habitats, including Sphagnum bogs, and streams are not adversely affected by the dewatering.
3. The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent for the purpose of determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage.
4. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.488 Water Permit: To temporarily divert watercourses whilst extending and erecting culverts as well as to permanently divert watercourses around fill disposal areas for the purpose of sediment control.

1. This consent shall be exercised in conjunction with land use consent 2006.483 and discharge permit 2006.490.
2. The diversions shall be undertaken as described in the Project Hayes Resource Consent Application dated 31 October 2006. If there are any inconsistencies between the application and this consent, the conditions of this consent shall prevail.
3. The Consent Holder shall ensure that any contractors engaged to undertake work authorised by this consent abide by the conditions of this consent. A copy of this consent shall be present on site at all times while the work is being undertaken.
4. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled "*Proposed Location of SEMP Zones 1 to 11*" dated June 2006 (T&T ref 83208.005), and for the following specific activities:
 - Old Dunstan Road upgrading;
 - Concrete Batching Plant; and
 - Construction of the substations;
 - The 220kV transmission line; and
 - Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;
 - Culverts;
 - Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

5. The Consent Holder may request amendments to any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.
6. The diversion of water from the watercourse shall only occur once the diversion channel has been fully excavated.
7. The Consent Holder shall ensure that existing fish passage is not impeded as a result of the diversion works. Fish passage shall not be maintained where trout exist below the culvert site but not above it.
8. The Consent Holder shall ensure that the diversion is undertaken such that no fish become stranded.
9. When diverting water into the new diversion channel, all reasonable steps shall be taken to ensure that sediment and discolouration of water are kept to a minimum.
10. The Consent Holder shall undertake all reasonable measures to promote bank stability of the new channel as rapidly as possible.
11. At the completion of the works there shall be no significant reduction in the surface flow of the watercourse as a result of the diversion.
12. No lawful existing take of water shall be adversely affected as a result of the diversion.
13. The Consent Holder shall ensure the diversion does not cause any flooding, erosion, scouring, land instability or damage of any other person's property. Should such effects occur due to the diversion, the Consent Holder shall, if so required by the Consent Authority and at no cost to the Consent Authority, take all such action as the Consent Authority may require to remedy any such damage.

14. Representative photographs shall be taken of the site:
 - (a) before works commence; and
 - (b) immediately after the completion of works and rehabilitation of the site,

These photographs shall be provided to the Consent Authority within one month of the final photographs being taken.

15. The Consent Holder shall prepare an Accidental Discovery Protocol as part of the Construction Environmental Management Plan prior to construction of the wind farm. The Protocol shall be prepared in consultation with Kai Tahu ki Otago and the New Zealand Historic Places Trust. The protocol shall be put in place for any earthmoving or ground modification that occurs during the construction and operation of the wind farm. The Protocol shall set out the steps to take should any prehistoric (Maori) or historic archaeological site be found as a result of any earthmoving or ground modification that occurs during the construction and operation of the wind farm at any time

In the case of accidental discovery of an archaeological site a programme of archaeological site investigation shall be carried out by the consent holder. Any such site shall be properly excavated, recorded, analysed and reported upon under the supervision of an appropriately qualified archaeologist. All archaeological work shall be carried out to the best professional standards. In the event that koiwi tangata (human skeletal remains), taonga or artefact material are discovered during site construction, the Consent Holder shall, without delay:

- i) Cease all work within the immediate vicinity of the discovery;
- ii) Notify their nominated Archaeologist, the consent authority, the appropriate runanga, the New Zealand Historic Places Trust, and in the case of koiwi tangata (skeletal remains), the New Zealand Police.
- iii) Enable a site inspection by the New Zealand Historic Places Trust and the appropriate runanga, and their advisors, who shall determine the nature of the discovery and the further action required, including whether an Archaeological Authority is required under the Historic Places Act 1993.
- iv) Any koiwi tangata or taonga shall be handled and removed by iwi responsible for the tikanga (custom) appropriate to its removal and preservation.
- v) Ensure that the further action identified in accordance in part (iii) of this condition is undertaken.

vi) Upon completion of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the Consent Holder may recommence site construction following consultation with the consent authority, appropriate runanga, the New Zealand Historic Places Trust, and, in the case of koiwi tangata (skeletal remains), the New Zealand Police.

16. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.489 Discharge Permit: To discharge stormwater to land in a manner that may enter water for the purposes of disposing of stormwater.

1. No existing lawful take of water is to be adversely affected as a result of any discharge.
2. The Consent Holder shall ensure that the discharge does not give rise to any significant adverse effect on aquatic life.
3. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses.
4. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the consent; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this consent
5. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.490 Discharge Permit: To discharge sediment to water for the purpose of replacing, extending and erecting culverts and constructing diversion channels.

1. This consent shall be exercised in conjunction with land use consent 2006.483.

2. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled "*Proposed Location of SEMP Zones 1 to 11*" dated June 2006 (T&T ref 83208.005), and for the following specific activities:
 - Old Dunstan Road upgrading;
 - Concrete Batching Plant; and
 - Construction of the substations;
 - The 220kV transmission line; and
 - Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;

- Culverts;
- Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

3. The Consent Holder may request amendments to any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.

4. No contaminants other than silt and sediment shall be discharged into the watercourses.

5. The Consent Holder shall take all practicable steps to minimise the release of sediment into the water while disturbing the bed of the watercourses.
6. No existing lawful take of water is to be adversely affected as a result of any discharge.
7. The Consent Holder shall ensure that the discharge does not give rise to any significant adverse effect on aquatic life.
8. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses beyond 20 metres downstream of the discharge point.
9. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the consent; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this consent
10. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.491 Discharge Permit: To discharge water to land in a manner that may enter water for the purpose of disposing construction site run off water.

1. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled "*Proposed Location of SEMP Zones 1 to 11*" dated June 2006 (T&T ref 83208.005), and for the following specific activities:

- Old Dunstan Road upgrading;
- Concrete Batching Plant; and
- Construction of the substations;
- The 220kV transmission line; and
- Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;
 - Culverts;

- Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

2. The Consent Holder may request amendments to any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.
3. No existing lawful take of water is to be adversely affected as a result of any discharge.

4. The Consent Holder shall ensure that the discharge does not give rise to any significant adverse effect on aquatic life.
5. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses.
6. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the consent; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this consent
7. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.492 Discharge Permit: To discharge sediment to water for the purpose of depositing fill material.

1. No contaminants other than silt and sediment shall be discharged into the watercourses.
2. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled "*Proposed Location of SEMP Zones 1 to 11*" dated June 2006 (T&T ref 83208.005), and for the following specific activities:
 - Old Dunstan Road upgrading;
 - Concrete Batching Plant; and
 - Construction of the substations;
 - The 220kV transmission line; and
 - Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;
 - Fill disposal areas;
 - Soil stock pile areas;

- Culverts;
- Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures.
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

3. The Consent Holder may request amendments to any SEMP by submitting the amendments in writing to the Consent Authority for certification prior to any change taking effect.

4. The Consent Holder shall take all practicable steps to minimise the release of sediment into the water while disturbing the bed of the watercourses.
5. No existing lawful take of water is to be adversely affected as a result of any discharge.
6. The Consent Holder shall ensure that the discharge does not give rise to any significant adverse effect on aquatic life.
7. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses beyond a 20 metre mixing zone downstream of the discharge point.
8. The Consent Authority may, in accordance with sections 128 and 129 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the consent; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this consent
9. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.

Consent No: 2006.772 Discharge Permit: To discharge water to land in a manner that may enter water for the purpose of dewatering construction sites.

1. The discharge authorised by this permit shall only be of dewatering water as described in the Project Hayes Resource Consent Application submitted to the Consent Authority dated 31 October 2006.
2. The Consent Holder shall submit and implement a Supplementary Environmental Management Plan (SEMP) for the each of the eleven indicative areas shown on the plan entitled "*Proposed Location of SEMP Zones 1 to 11*" dated June 2006 (T&T ref 83208.005), and for the following specific activities:
 - Old Dunstan Road upgrading;
 - Concrete Batching Plant; and
 - Construction of the substations;
 - The 220kV transmission line; and
 - Project Hayes internal site trenched cable reticulation;

Each SEMP shall be submitted to the Consent Authority for certification at least one month prior to the works commencing. The SEMP shall be in general accordance with the CEMP and with the Project Hayes Resource Consent Application dated 31 October 2006, in particular, Appendix D "*Construction Environment Management Plan*" to Appendix B "*Construction Effects Report*".

The SEMP shall detail measures to minimise site disturbance and to avoid, remedy or mitigate adverse environmental effects.

The SEMP shall include, but not be limited to, the following, as appropriate to the individual SEMP:

- A location plan;
- Details of who is undertaking the work and contact details;
- A method statement covering construction method, monitoring and contingencies;
- Design for the works covered by the SEMP;
- A description of the work to be undertaken;
- A work program;
- A plan or a series of plans showing :
 - Areas to be disturbed;

- Fill disposal areas;
- Soil stock pile areas;
- Culverts;
- Erosion and sediment control measures including but not limited to : cut off drains, surface water control works, silt ponds, and any other sediment control measures;
- Dust Control;
- In respect of erosion and sediment control the SEMP shall be prepared in general accordance with the Erosion and Sediment Control Guidelines for the Wellington Region and shall include but not be limited to:
 - Detailed design and specification of erosion and sediment control measures to be implemented;
 - Expected commencement dates for the implementation of erosion and sediment control devices in each area;
 - Monitoring and maintenance for all erosion control measures on a regular frequency or within 24 hours of a rainstorm event that could impair the function or performance of the control measures;
 - Expected removal or decommissioning of sediment control measures;
- Identification of re-vegetation to be undertaken and re-vegetation methods and any maintenance;
- Inspection and reporting schedule in particular in response to adverse weather conditions;
- Maintenance activities;
- Storage and handling of fuels and hazardous material and contingency measures for containment of spills;
- Contingency measures; and
- Accidental Discovery Protocols.

Note: To ensure that an appropriate level of environmental management is applied, some activities will require Supplementary Environmental Management Plans (SEMP). The SEMPs are location or activity specific and will be prepared for each major component of on-site works.

3. The Consent Holder may request amendments to any SEMP by submitting the amendments in writing to the consent authority for certification prior to any change taking effect.

4. No existing lawful take of water is to be adversely affected as a result of any discharge.
5. The Consent Holder shall ensure that the discharge does not give rise to any significant adverse effect on aquatic life.
6. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses downstream of the discharge point.
7. The Consent Holder may in accordance with sections 128 and 129 of the Resource Management Act 1991 serve notice on the Consent Holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of consent for the purpose of:
 - (a) determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise for the exercise of the consent and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the consent; or
 - (b) ensuring the conditions of this consent are consistent with any National Environmental Standards; or
 - (c) requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this consent.
8. Under Section 125 of the Resource Management Act 1991, this consent shall not lapse for 10 years from the date of issue of this consent.