

Intern projects

To apply for these or other areas please see
www.wairoadc.govt.nz/your_council/internshipopportunities



Planning/Environmental Management

- **Renewable energy**

Write a research report that investigates renewable energy options for Wairoa such as bioenergy, hydroelectricity, wind, marine (including multi-platform options) and solar power. The report will outline how much of the resource can be viably utilised given current technologies. Furthermore, the report will illustrate the economic potential including what is technically viable at sufficiently low cost. Lastly, the analysis will highlight relevant planning issues i.e. actual and potential environmental effects and make recommendations on how these can be addressed through district plan provisions. This report will provide a basis for section 32 reporting for the district plan review.



Planning/Environmental Management

- **Rural housing density**

Write a research report that analyses the impacts of dwelling density controls verses no dwelling density controls on rural productivity and use of rural land. Currently the Wairoa District Plan has no controls on the number of dwellings that can be built on a rural property. However this can lead to unusual uses of small pieces of rural land adjacent to residential areas that are then used as makeshift camping grounds with a number of investors owning cabins, adversely affecting amenity values. As such Council would like to investigate the impact of restricting numbers of dwellings on rurally zoned property. However, Council does not wish to be overly restrictive or to adversely impact on the running of farming operations or papakāinga (cluster housing) developments within the district. This report will provide a basis for section 32 reporting for the district plan review.



Engineering

- **Roading/transport/civil engineering project #1**

Review of the road naming policy, street numbering/addressing and road legislation. Update of mapping and data systems, oversee the changing of signage.

- **Roading/transport/civil engineering project #2**

ONRC Movements – review of data sets, transition planning, traffic counts, fault identification.



Health & Safety

- Site audits
- Contractor management
- Training & development



GIS/Computer Science

- **GIS – addressing audit**

Review and update addresses in GIS system.

- **App development**

Take a multi-platform (Windows, Android & IOS) mobile app that is in a Beta phase through Alpha testing. Focus on gamification, geocoding, completion of code, working with overseas consultants.



Policy

- **Review of a specific council policy or bylaw**

There are a number of Council policies that need to be reviewed across a broad range of disciplines (Finance, Engineering, Operations and Corporate Services).

Council bylaws will be reviewed in the next 2 years so there is some preparation work in relation to conducting a review that needs to be undertaken. This would suit a law student or someone with relevant technical experience.

To find out more please contact Charlotte McGimpsey charlotte@wairoadc.govt.nz



APPLY NOW

- Send your:
 - Covering letter
 - CV
 - Academic transcript
 - Contact details for your Academic Advisor/Dean/Head of School
- To: internsandcadets@wairoadc.govt.nz