Situated in north-east Christchurch, six kilometres from the city centre, Marshland received its name from its geographical feature - peaty marsh and swampland. The semi-rural, suburban area of Marshland is characterised by a mixture of new housing developments in the south part of the zone, and rural farms and lifestyle blocks to the north of the area. There is minimal social infrastructure and industry is focused around market gardens and retail. The relatively new retail park found in the zone is focused around the large Bunnings warehouse, and other shops in this purpose-built retail area.

Queen Elizabeth II Drive is a key feature of this zone and is a major arterial road for the city. Clare Park is the only recreational area in the zone.
There are two groups identified in this zone: one meeting venue and one faith-based organisation.

The local meeting venue is used well in the zone and forms a focal point for the community, as does the faith-based organisation.
Social capital mapping

Community development organisations
1a Number of organisations (1)
1b Strength of organisations (1)
1c Community development principles (1)

Volunteering
2a Investment in volunteers (1)
2b Number of volunteer hours from Fundforce (1)
2c Number of volunteer hours from Census (1)

Connectedness
3a Number of neighbourhood support groups (2)
3b Number of residents’ associations (1)
3c Access to networking groups/forums (2)

Participation
4a Community events (1)
4b Fundforce participation rates (1)
4c Club membership numbers (1)

Resilience
5a Preparedness/response plan in place (1)
5b Identified groups to lead local response (1)
5c Capability of groups to lead local response (1)
Land condition in Marshland

Prior to the land announcements on 28 October 2011, the Marshland zone was classified as ‘green’ with a small amount of ‘orange’ in the bottom right-hand corner of the zone. De Ville Place and an area found at the south-east point of the zone on New Brighton Road is also red.

Following the land announcements on 28 October 2011, the new Department of Building and Health (DBH) Technical Classifications have classified some residential properties as yellow and blue. The remaining land has the DBH classification of ‘brown’, which covers non-residential areas and land that still requires further assessment.

Blue areas are found on Lake Terrace Road, De Ville Place, De Bloge Place, and the south end of Carlsen Street and Burwood Road. There is also an area of blue further north on Burwood Road and Greenhaven Drive, Newhaven Street and Stanford Street. The rest of the residential areas in this zone are yellow. The majority of this area is rural and unmapped and waiting for further assessment.

Yellow - Minor to moderate land damage from liquefaction is possible in future significant earthquakes. Repair / rebuild process can begin.

Blue - Moderate to significant land damage from liquefaction is possible in future significant earthquakes. Repair / rebuild process can begin on buildings that do not require foundation repair or rebuild. Site-specific investigation is required for those that do.
Pre- and post-earthquake analysis

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<th>Pre-Earthquake</th>
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<td>m. Accessibility to natural environment</td>
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<td>3</td>
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</table>
**Impact of earthquakes**
**Post-4 September 2010 and 11 February 2011**

**Social environment**
There has been no change in the capacity and capability of the organised community infrastructure in the Marshland zone. The main field at Clare Park is closed for the remainder of the soccer season, while the two junior fields are open. There are no direct health services offered in the Marshland area, however, health services in Shirley, Belfast, Redwood and Burwood are functioning normally. Marshland is relatively isolated in terms of government services and local non-governmental organisations (NGOs). The Work and Income office on Hills Road in Shirley has closed. The nearest office in Christchurch is the Link centre on Linwood Avenue in Linwood, or New Brighton.

**Crime and safety**
There has been no noticeable change in crime across the zone. Safety has anecdotally increased as neighbours checked on a more regular basis on each other in the weeks following the February 2011 earthquake.

**Built environment**
Waster water, sewage and water supply were briefly affected by the February 2011 earthquake, but all services have returned to normal and toilets can be used again. Residents and business with damage are following the usual process with the Earthquake Commission (EQC) and their insurance companies.

**House sales**
REINZ collects no specific data for the zone of Marshland so no comparative data is available.

**Businesses**
Business remained largely unaffected by both earthquakes, with the Bunnings retail centre at the bottom of the zone open and busy. The market garden fruit and vegetable shops are all functioning. A garden centre on the corner of Marshlands and Prestons Road at the north of the zone closed after 22 February 2011. The BP service station on the opposite side of the road is functioning normally.

**Economic environment**
Businesses were quick to open again, and essential services are all functioning.

**Natural environment**
Some of the flood-prone larger properties, farmstays and farms on the western area of the zone bordering QEII Drive have experienced exacerbated flooding issues in the wake of the earthquakes. However, most of this damage is found in small pasture or livestock fields. Damage to the farm land and lifestyle blocks is evident in the increased flooding of these larger section areas.
Future risks and opportunities

The lack of community infrastructure and the distance from government and NGO services, whilst directly proportional to the level of population in the Marshland zone, are of concern for future civil defence needs and resilience development.