

# Contents

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# Appendix

## ENVIRONMENTAL INDICATORS

A list of Environmental Indicators for  
the Matamata-Piako District

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## Rural Area Development

### Pressure

- Applications received/granted to subdivide class I, II and III soils (into lots of less than 8 ha
- Number of building consents applied for/ granted to build dwellings on class I, II and III soils
- Area of class I, II and III soils designated for non productive land uses
- Number of applications applied for/granted for non productive activities on class I, II and III soils

### State

- Area of class I, II and III soils removed from the rural zone through District Plan changes
- Average lot size for rural subdivisions on class I, II and III soils
- Number of lots 2500m<sup>2</sup> to 10 000m<sup>2</sup> in the rural and rural-residential zones
- Area/% of class I,II and III soils in productive/non productive activities

### Response

- Number of applications declined for subdivision on class I II III soils
- Number of building consents declined for dwellings on class I II III soils
- Number of designations for non-productive activities on class I II III soils removed
- Number of resource consent applications declined for non-productive activities on class I II III soils

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## Residential Growth

### Pressure

- Number of residential lots created as a result of subdivision
- Number of resource consents applied for/granted for dispensation of development controls (Max height, yards, site coverage etc)
- Number of notable trees or areas of indigenous vegetation removed as a result of residential development
- Number of building consents applied for/granted for new dwellings

### State

- Urban population numbers, including average household unit, age demographics etc
- Area of land zoned residential and rural residential
- Number of lots between 2500m<sup>2</sup> and 10 000m<sup>2</sup> in the residential and rural residential zones
- Capacity of urban services to meet 5 year forecasted demands (water, waste, etc)
- Number of residential lots available with access to Council services

### Response

- Number of in fill subdivision consents granted and Number of lots created per annum
- Number and value of development contributions collected pa
- \$ Council spending on urban service upgrades/maintenance pa
- Number of resource consent applications declined for non compliance with development controls

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## Solid Waste

### Pressure

- Total quantity of waste disposed to landfill from residential and business sources.
- Composition of waste disposed at landfills.
- Total quantity of hazardous waste disposed to landfill and sewer
- Number of incidences and spills involving hazardous waste

### State

- Compliance of disposal facilities with resource consent conditions.
- Groundwater quality upstream and downstream of landfill.
- Area of land designated for landfills.
- Number of potentially contaminated sites.

### Response

- Number of landfills fully consented
- Quantity of waste recycled, composted or re-used as proportion of total waste generated
- Participation rates for municipal recycling
- Quantity of hazardous waste safely disposed

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## Natural Environment

### Pressure

- Area of indigenous vegetation removed per annum
- Abundance and distribution of plant and animal pests
- Isolation and fragmentation of indigenous ecosystems
- Annual change in the surface elevation of Kopuatai Peat Dome.
- Number of resource consents applied for/granted for excavation or other activity within the Kaitiaki conservation zone

### State

- Area of exotic forestry within the Kaitiaki zone
- Area and distribution of indigenous vegetation
- Health and condition of natural areas assessed by health/condition classification
- Community attitude/awareness of natural areas
- Area of peat soil
- Area of the Kopuatai Peat Dome
- Change in landscape types identified by the landscape study
- Population numbers of indigenous species

### Response

- Area of significant trees or indigenous vegetation fenced to prevent grazing
- Area and % of natural areas (by type) legally protected through consent conditions or other methods
- Number of members of community participating in land care groups
- Location, area and type of pest control operation
- Area and % of natural areas ecologically surveyed

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## Heritage

### Pressure

- Number of resource consents applied for/granted to substantially modify scheduled buildings within the Te Aroha Character Area
- Number of resource consents granted for the construction of new buildings within the Te Aroha Character Area
- Number of resource consents applied for/granted to substantially modify listed heritage features
- Number of resource consent applications submitted/granted involving sites which contain or adjoin a culturally significant site

### State

- Number, type and location of listed heritage buildings or features
- Number and location of listed/known or protected culturally significant sites
- Public perception of condition/quality of Te Aroha Character Area

### Response

- Number of resource consent applications declined to substantially modify scheduled buildings within the Te Aroha Character Area
- Number of resource consent applications declined for the construction of new buildings within the Te Aroha Character Area
- Number of resource consent applications declined to substantially modify listed heritage features
- Number of resource consent applications declined involving sites which contain or adjoin a culturally significant site
- Number and type of consent conditions imposed to protect/enhance heritage resources
- % of community that received educational/promotional material regarding heritage resources
- Council expenditure (\$) on protecting, enhancing and promoting heritage features
- Number, type and value of incentives offered for the protection of heritage resources

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## Natural Hazards

### Pressure

- Number of resource or building consents applied for/granted within flood protection area
- Number of buildings within flood protection area
- Number of buildings within identified fire buffer
- Number of dwellings built on potentially unstable land (ie. Land classed as having a degree of erosion of 2 or greater and/or slopes of >20 degrees)
- Number of resource or building consent applications applied for/granted for development on potentially unstable land

### State

- Number and severity of flood events annually
- Area of land subject to flooding
- Number and area affected by rural fires annually
- Area of vegetated and un-vegetated land classified as having a degree of erosion of 2 or greater
- Area of headwater catchment in vegetation
- Number and size of earthquakes recorded annually
- Annual damage (\$) to public and private property

### Response

- Number of applications declined for subdivision on class I II III soils
- Number of building consents declined for dwellings on class I II III soils
- Number of designations for non-productive activities on class I II III soils removed
- Number of resource consent applications declined for non-productive activities on class I II III soils