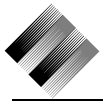


Appendix (vi) – Monitoring Schedule

Effects	Indicators	Measuring System/Techniques	District Plan Sections
Fragmentation of rural land	Subdivisions - numbers and distribution - lot sizes and types	Subdivision surveys Analysis of Planning Services database	Landscape, Rural G, Rural H.
Loss or degradation of Landscape Character (Rural and Urban)	Buildings Land Use Vegetation Demand for non-rural based land uses Condition of landscaping/screening	Environment BOP 3 yearly air photo survey Regular enforcement surveys of industrial / commercial areas Landscape survey/analysis (urban and rural) Building statistics Agricultural statistics census Land use surveys Resource consent register/annual monitoring (random sample of 20%)	All Sections.
Loss or degradation of features of value to the community (ecological, heritage, landscape, aesthetic, architectural)	Subdivisions Buildings Evidence of loss/degradation Advice from DOC, Regional Council or other agencies Complaints	Design/aesthetics survey Noise surveys to check levels Natural resource inventory Historic places register Landscape survey/analysis Subdivision statistics Building statistics Complaints/Service Request register Attitudinal survey on design guideline effectiveness	Landscape, Natural Environment, Heritage
Activity conflicts/incompatibilities; noise, odour, appearance	Staff annotations on District Plan problems Complaints/Service Requests - odour, noise, ... Media reports Notification from Health Board and other agencies	Annual consent monitoring for noise/odour issues Complaints register Media reports register Correspondence	Landscape, Industrial, Natural Environment, Commercial, Signs, Rural G, Rural H, Rural-Residential, Residential, Future Urban, Amenity, Public Works and Utilities, Heritage
Pressure on roading and other infrastructural services	Level of cash in lieu contributions at subdivision Number of services connections Maintenance needs Breakdowns/failures Service delivery complaints Capacity problems	Yearly review of contributions levels Collection/analysis of services connection stats RAMMS Complaints/Service requests register System operator reports	Industrial, Commercial, Rural G, Rural H, Traffic



Effects	Indicators	Measuring System/Techniques	District Plan Sections
Traffic Conflict	Subdivisions and activities adjoining main traffic routes Increased traffic Accidents Road maintenance needs Complaints/service requests	Regular review of district plan parking requirements Subdivision and resource consent statistics Traffic Counts Liaison with TNZ RAMMS - GIS mapping of pressure points Complaints/service request register	Industrial, Commercial, Rural G, Rural H, Amenity, Public Works and Utilities
Pressure on Urban Land Supply	Land sales volumes, valuation trends Land availability Population trends Building statistics on permits; types, floor area, values, carparking.	Valuation N Z report Census data Land use surveys Vacant land surveys Reports from building services computerised administration package	Industrial, Commercial, Residential
Density of Residential Development	Subdivisions; number and distribution, lot sizes and types	Subdivision statistics generated from surveys and reports from planning services computerised administration package	Residential, Future Urban, Rural - Residential, Subdivision
Impacts of natural hazards	Erosion, flooding, damage to individuals and properties.	Inspections and recording of data during or after events.	Natural Hazards.

Key: RAMMS = Engineering Road monitoring and maintenance database.
 GIS = Geographic Information System

Many of the monitoring functions of Council in respect of the District Plan are addressed through the implementation of the Resource Management Environmental Monitoring Strategy adopted by Council in December 2002.