

Site Characterisation Check List

1. General

Name:
Date:
Location:
Grid Reference
Assessor:
Site Area (ha)

2. Landuse

Present dominant landuse:
 Commercial
 Industrial
 Agricultural
 Urban park / reserve
 Wildlife / scenic reserve
 Other

Future landuse:
 Commercial
 Industrial
 Agricultural
 Urban park / reserve
 Wildlife / scenic reserve
 Other

Surrounding landuse:

Site land cover (%)

3. Possible Contaminants

Land use history

Waste Disposal
 Solid
 Liquid
 Sludge

Contaminants of concern
 Pathogens
 Metals
 Organic compounds
 Volatile
 Semi-volatile
 Pesticides / herbicides
 Others (e.g. boron)
 Unknown

4. Physical Description of Site

Topography

Slope:

Aspect:

Map / photo attached

Geology

Geological map (Y/N)

Soils

Soil type
 Volcanic ash
 Loess
 Silt
 Peat
 Pumice

River Sand
 Dune Sand
 Weathered rock
 Other

Soil map attached?

Soil movement on-site:

Agricultural
 Land sliding / erosion
 Earthworks
 Mining
 Other

Possible off-site soil movement:

Mass movement or erosion
 Excavation
 Mining
 Vehicular traffic
 Storm water
 Wind blown

5. Hydrology

Surface Water:

Lake
 Pond
 River
 Floodway
 Stream (permanent)
 Stream (ephemeral)
 Freshwater wetland
 Beach/coastal
 Harbour
 Coastal wetland / marsh
 Estuary
 Other

Dimensions (m)

Distance from site (m)

Bank height & slope (m)

Discharge from site to water body?

Substrate:

Rock
 Boulder/gravel
 Sand
 Silt
 Peat
 Concrete
 Other
 Unknown

Groundwater

Depth to groundwater (m)

Soil type (refer above)

Aquifer type:

Sand
 Gravel
 Silt
 Rock – fractured
 Rock – non fractured
 Other
 Unknown

Storm water / manmade drainage

Type:

Channel
 Drain
 Swale
 Floodway
 Detention pond
 Treatment pond

- Other
- None

Dimensions:

- Width (m)
- Depth (m)

Substrate:

- Rock rip rap
- Boulder/gravel
- Sand
- Silt
- Peat
- Concrete
- Other
- Unknown

6. Nearby Habitat

Aquatic

- River
- Lake
- Stream
- Open coast
- Estuary
- Harbour
- Other

Distance from site (m)

Size (ha)

Terrestrial

- Grassland
 - Pasture
 - Tussock
 - Coastal
 - Other (e.g. alpine)

Distance from site (m)

Patch size (ha)

- Scrub / Shrub
 - Manuka / Kanuka

- Gorse / Broom
- Matagouri
- Other (e.g. blackberry)

Distance from site (m)

Patch size (ha)

- Bush / Forest
 - Exotic
 - Pine
 - Other (e.g. gum)
 - Mixed Broadleaf
 - Podocarp
 - Other

Distance from site (m)

Patch size (ha)

Wetland

- Freshwater
 - Swamp (open water)
 - Bog (no open water)

- Coastal

Distance from site (m)

Patch size (ha)

Habitat Use Status

- National Park
- Reserve
 - Scientific
 - Scenic
 - Wildlife
 - Marine
 - Historical
- Other (e.g QEII trust)
- Private
- Significant site (regional district plan)
- Unknown

Culturally Use

- Waahi Tapu
- Mahinga Kai
- Other

- Unknown

Recreational Use

- Fishing
- Hunting
- Other (e.g. contact recreation)
-
- Unknown

7. Summary: Key Points

8. Matters to Follow-up