

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Watercare Services Ltd

#### North and West

#### Designation Schedule - Watercare Services Ltd (1/3)

#### North and West

Number	Purpose	Location
9300	Water supply purposes - pump station, reservoir and associated structures	2A Sunset Road, Unsworth Heights
9301	Water supply purposes - pump station, future reservoirs and associated structures	53 Schnapper Rock Road, Albany
9302	Water supply purposes - reservoir, pump station and associated structures	106 Pupuke Road, Hillcrest
9303	Water supply Purposes - pump station and associated structures	39 Killarney Street and part of adjoining road reserve, Takapuna
9304	Water Supply purposes - reservoirs and associated structures	83 and 89 Waipa Street, Birkenhead
9305	Water supply purposes - reservoir and associated structures	395 Upper Harbour Drive, Greenhithe
9306	Water supply purposes - reservoir and associated structures	192 Browns Bay Road, Murrays Bay
9307	Water supply purposes - reservoir and associated structures	179 Kowhai Road, Mairangi Bay
9308	Water supply purposes - reservoir, pump station and associated structures	253 Forrest Hill Road, Forrest Hill
9309	Water supply purposes - existing and proposed reservoirs and associated structures	69 Corinthian Drive, Albany
9310	Wastewater purposes - wastewater treatment plant odour buffer area	Rosedale Park, and reserves, roads and motorway in the vicinity of the wastewater treatment plant
9311	Wastewater purposes - wastewater treatment plant and underground route of outfall to Mirangi Bay	Rosedale Road and Upper Harbour Highway, Albany, then via various properties and roads to Mirangi Bay
9312	Water supply purposes - pump station and associated structures	22B Easter Parade, Glen Eden
9313	Water supply purposes - pump station and associated structures	161C Colwill Road, Massey
9314	Water supply purposes - pump station and associated structures	47A Phillip Avenue, Glen Eden

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9315	Water supply purposes - reservoir and associated structures	126 McEntee Road, Waitakere
9316	Water supply purposes - reservoir and associated structures	270 Don Buck Road, Massey
9317	Water supply purposes - reservoir and associated structures	893 and 895 Scenic Drive North, Swanson
9318	Water supply purposes - reservoir and associated structures	272A Scenic Drive, Titirangi
9319	Water supply purposes - reservoir and associated structures	19 Bush Road, Waitarua
9320	Water supply purposes - reservoir and associated structures	1076A Huia Road, Huia
9321	Water supply purposes - water catchment headworks areas	Waitakere Ranges
9322	Water supply purposes - headworks services land	Waitakere Ranges
9323	Water supply purposes - water treatment plant and associated structures	105-121 Christian Road, Swanson and 21 Long Road, Bethells
9324	Water supply purposes - water treatment plants and associated structures	Woodlands Park Road, Manuka Road and Exhibition Drive, Titirangi
9325	Water supply purposes - reservoir and associated structures	88 Sunhill Road, Glen Eden
9326	Water supply purposes - reservoir and associated structures	166-176 Konini Road, Titirangi
9327	Wastewater purposes - storage tanks and associated structures	56 The Concourse, Henderson
9328	Water supply purposes - pump station and associated structures	143 Flanshaw Road, Te Atatu
9329	Water supply purposes - pump station and associated structures	Road Reserve on Pleasant Road / Titirangi Road Corner
9330	Water supply purposes - pump station and associated structures	Totara Road Esplanade Reserve, 9 Kelvin Crescent, Te Atatu Peninsula
9331	Water supply purposes - water treatment plant and associated structures	415A Te Atatu Road, Te Atatu
9332	Water supply purposes - water treatment plant and associated structures	Wood Bay Beach Reserve in the vicinity of 81 Wood Bay Road, Titirangi
9333	Water supply purposes - pump station and associated structures	Road Reserve, adjoining 172A Laingholm Drive, Laingholm
9334	Water supply purposes - pump station and associated structures	97B Fred Taylor Drive, Whenuapai

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9335	Water supply purposes - water treatment plant	362 Wayby Valley Road, Wellsford
9336	Water supply purposes - reservoir and associated structures	Worthington Road (Lot 1 DP 57349), Wellsford
9337	Wastewater purposes - wastewater treatment plant	Between State Highway 1 and Rustbrook Road (Lot 3 DP 64870), Wellsford
9338	Water supply purposes - reservoir and associated structures	31 Omaha Drive, Omaha
9339	Wastewater purposes - wastewater treatment plant	978 Matakana Road, Matakana
9340	Wastewater purposes - wastewater treatment plant	64 Jones Road, Omaha Flats
9341	Water supply purposes - reservoir and associated structures	20 View Road, Warkworth
9342	Wastewater purposes - wastewater treatment plant	6 Brown Road, Warkworth
9343	Wastewater purposes - wastewater treatment plant	55 Alnwick Street and Part Allot 68, SO 64916 Warkworth
9344	Water supply purposes - reservoir and associated structures	James Street, Snells Beach, and adjoining properties (Lots 1 and 2 DP 205704)
9345	Water supply purposes - reservoir and associated structures	32 Tudor Collins Drive, Warkworth
9346	Wastewater purposes - wastewater treatment plant	114 and 118 Hamilton Road, Warkworth
9347	Wastewater purposes - wastewater treatment plant	Te Whau Creek, Hamilton Road (east of 287 and 309 Hamilton Road), Snells Beach
9348	Wastewater purposes - wastewater treatment plant	Weranui Road, in the vicinity of 135 Weranui Road, Waiwera
9349	Water supply purposes - reservoir and associated structures	1002 Hibiscus Coast Highway, Waiwera
9350	Water supply purposes - reservoir and associated structures	138 West Hoe Heights, Orewa
9351	Wastewater purposes - wastewater treatment plant	228 Millwater Parkway, Orewa
9352	Water supply purposes - reservoir and associated structures	105 Wainui Road
9353	Water supply purposes - reservoir and associated structures	231 Whangaparaoa Road, Whangaparaoa
9354	Water supply purposes - reservoir and associated structures	104A Wade River Road, Arkles Bay
9355	Water supply purposes - reservoir and associated structures	1170 Whangaparaoa Road, Tindalls Bay
9356	Wastewater purposes - wastewater treatment plant	Kaipara Coast Highway (Sec 50 SO 47244), Helensville

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9357	Water supply purposes - dams	215 Mangakura, Kiwitahi and Wishart Roads, Helensville
9358	Water supply purposes - reservoir and associated structures	Wishart Road (Sec 62 BLK XIV Kaipara Surevey District), Helensville
9359	Wastewater purposes - wastewater treatment plant	18 Oraha Road, Huapai
9360	Water supply purposes - water treatment plant	148-162 Motutara Road, Muriwai
9361	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds including 106 Rustybrook Road, 1496 State Highway 1, 133 Wayby Valley Road and Lot 2 DP 171826, Wellsford
9362	Wastewater purposes - wastewater treatment plant	1535 Whangaparaoa Road, Army Bay
9363	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, Te Whau Creek, Snells Beach (including 287 and 309 Hamilton Road and 120 Hamatana Road)
9364	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, (including 135 Weranui Road and 12, 45, 83 and 105 Jarvis Road), Waiwera
9365	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, Millwater Parkway (including 228 Millwater Parkway, Allot 652 SO 47998 and Pt Lot 5 DP 168591), Orewa
9366	Water supply purposes - reservoir and associated structures	190 West Hoe Heights, Orewa
9367	Water supply purposes - reservoir and associated Structures (including power supply and telemetry)	2 Lonely Track Road, Glenvar
9368	Water supply purposes - pump station and associated structures	East Coast Road (road reserve) south of Bawden Road, Redvale
9369	Water supply purposes - reservoir and associated structures	125 Scott Road, Wade Heads
9370	Wastewater purposes - pump station, constructed overflow and associated structures	228 Millwater Parkway, Silverdale
9371	Water supply purposes - pump station and associated structures	2-12 Lincoln Park Avenue, Massey

### 9300 Sunset Road Reservoir and Pump Station Structures

Designation Number	9300
Requiring Authority	Watercare Services Ltd
Location	2A Sunset Road, Unsworth Heights
Rollover Designation	Yes
Legacy Reference	Designation 96, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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### Purpose

Water supply purposes - reservoir, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9301 Schapper Rock Road Pump Station and Future Reservoirs

Designation Number	9301
Requiring Authority	Watercare Services Ltd
Location	53 Schnapper Rock Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 97, Auckland Council District Plan (North Shore Section 2002)
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water pump station, future reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9302 Pupuke Road Reservoir and Pump Station

Designation Number	9302
Requiring Authority	Watercare Services Ltd
Location	106 Pupuke Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 98, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir, pump station and associated structures.

### Conditions

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No conditions.

### Attachments

No attachments.

#### 9303 Killarney Street Pump Station

Designation Number	9303
Requiring Authority	Watercare Services Ltd
Location	39 Killarney Street and part of the road reserve, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 99, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9304 Waipa Street Reservoirs

Designation Number	9304
Requiring Authority	Watercare Services Ltd
Location	83 and 89 Waipa Street, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 100, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9305 Upper Harbour Drive Reservoir

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Designation Number	9305
Requiring Authority	Watercare Services Ltd
Location	395 Upper Harbour Drive, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 101, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9306 Pinehill Reservoir

Designation Number	9306
Requiring Authority	Watercare Services Ltd
Location	192 Browns Bay Road, Murrays Bay
Rollover Designation	Yes
Legacy Reference	Designation 102, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9307 Mairangi Bay Reservoir

Designation Number	9307
Requiring Authority	Watercare Services Ltd
Location	179 Kowhai Road, Mairangi Bay
Rollover Designation	Yes

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Legacy Reference	Designation 103, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9308 Forrest Hill Reservoir and Pump Station

Designation Number	9308
Requiring Authority	Watercare Services Ltd
Location	253 Forrest Hill Road, Forrest Hill
Rollover Designation	Yes
Legacy Reference	Designation 104, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9309 Corinthian Drive Reservoirs

Designation Number	9309
Requiring Authority	Watercare Services Ltd
Location	69 Corinthian Drive, Albany
Rollover Designation	Yes
Legacy Reference	Designation 105, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)



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### Purpose

Water supply purposes - existing and proposed reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9310 Rosedale Wastewater Treatment Plant Odour Buffer Area

Designation Number	9310
Requiring Authority	Watercare Services Ltd
Location	Rosedale park and reserves, roads and motorway in the vicinity of Wastewater Treatment Plant
Rollover Designation	Yes
Legacy Reference	Designation 163, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant odour buffer.

### Conditions

1. The extent of the odour buffer zone shall be as indicated on the Plan annexed to this decision (No.54 from the Figures Booklet produced to the hearings) and the boundary of the odour buffer zone shall be the boundary marked on that Plan.

2. The Requiring Authority shall prepare an Odour Management Plan (which may form part of a Plant Operations Management Plan) that accurately records all management and operational procedures, methodologies and contingency plans necessary to achieve the 'no offensive or objectionable odour' threshold test, measured at the boundary of the odour buffer zone, by 1 July 2004. The Odour Management Plan required by this condition is to be submitted to the Team Leader, Environmental Protection of the North Shore City Council for written approval by 1 July 2001. The Odour Management Plan is to be reviewed from time to time to ensure that the best practicable options are being pursued in order to attain the 'no offensive or objectionable odour' threshold test. Any review is to be submitted to the Team Leader, Environmental Protection for approval prior to its forming part of the Odour Management Plan.

a. Notwithstanding the 'no offensive or objectionable odour' threshold timeframe, the Odour Management Plan shall contain a time bound procedure designed to minimise odour risk for the users of the Rosedale Parks when any regional, national or international event is hosted at those parks. The Requiring Authority shall request from the Rosedale Park users groups at 4 monthly intervals (or within such other time period agreed to by individual user groups) a list detailing the timing of such events.

3. On completion of the Stage 3 upgrade works at the WWTP site in 2001 and the decommissioning of the trickling filters by July 2004, there shall be no odour, dust or fumes caused by discharges from the WWTP site beyond the boundary of the odour buffer which, in the opinion of an enforcement officer, are noxious, offensive or objectionable.

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4. Should pond odours continue to be objectionable or offensive as measured at the odour buffer boundary by 2008, the Requiring Authority shall commence a process of consultation to determine the future of the ponds.
5. There shall be no restrictions on existing users of Rosedale Park, Rosedale Park North or Rosedale Park South as a result of the odour buffer designation. This shall include no restrictions imposed as a result of the designation on such extensions of existing buildings and playing surfaces as are reasonably necessary for the support of existing uses and associated growth.
6. The operator of the Wastewater Treatment Plant shall invite representatives of those groups which use either Rosedale Park or Rosedale Park South on a regular basis to form a Users Liaison Group to meet with the Plant operator on an ongoing basis.
- a. The purpose of the Users Liaison Group is to facilitate communication and dialogue between the Plant operator and those groups with facilities within the odour buffer zone and which regularly use the Rosedale Parks. The members of the Users Liaison Group are to be kept informed of the operation of and upgrades to the Treatment Plant (including the findings of any peer review reports), and the effects which any works are expected to have on odour levels within the Parks or on use of the Parks.
- b. The Requiring Authority (or any other operator of the Treatment Plant) shall use its best endeavours to ensure that any upgrade works or plant operations which could result in odour or other adverse effects are avoided or deferred during all major events held at the Parks (such as prize-givings, championships, regional, national or international events). In order to achieve this, the Requiring Authority (or other operator) is to ascertain from the Users Liaison Group the timing of all such major events and details of any applications to secure such events.
- c. Meetings of the Users Liaison Group may be called by any Group member and are to be convened at least twice each year to coincide approximately with the beginning and end of the various codes' playing seasons. It is the responsibility of the Requiring Authority (or other Plant operator) to coordinate such meetings and to prepare the agenda for each meeting. A minimum ten days' notice shall be given to all Users Liaison Group members of any proposed meeting, which shall be held at the Treatment Plant site. A representative of the Auckland Regional Council, and the Parks Officer of the North Shore City Council who is responsible for the Rosedale Parks shall be invited to attend all Users Liaison Group meetings. The Requiring Authority shall keep minutes of each meeting, and will circulate such minutes to all members, the ARC and the North Shore City Council (Parks Department) as soon as reasonably practicable following each meeting.
7. In accordance with Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of 35 years after the date on which it is included in the District Plan unless:
- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the district plan ceasing to be operative.

### Attachments

No attachments.

### 9311 Rosedale Wastewater Treatment Plant

Designation Number	9311
Requiring Authority	Watercare Services Ltd
Location	Rosedale Road and Upper Harbour Highway, Albany then via various properties and roads to Mirangi Bay
Rollover Designation	Yes

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Legacy Reference	Designation 164, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant and underground route of outfall to Mairangi Bay.

### Conditions

#### General Conditions

1. Except as modified by the conditions below, the scope and extent of the works within the designated area shall be undertaken generally in accordance with the information provided by the North Shore City Council Notice of Requirement dated 17 December 1999, the supporting document 'Project Rosedale Assessment of Effects on the Environment (AEE), December 1999', the plans contained in the Appendices and Technical Reports accompanying the Notice of Requirement, and in the evidence called by the requiring authority at the hearings of the Notice of Requirement held at North Shore City Council between 26 October and 8 November 2000 subject to the approved Outline Plan(s) and in accordance with the conditions set out below.

#### Bulk and Location of Buildings at Treatment Plan Site

2. Where practicable, new buildings are to be located in Zones A and C as shown on Drawing 24 of the AEE. Other buildings which have a functional need to locate outside of these areas shall be designed in a manner that is sympathetic to the open space and wildlife values surrounding the main treatment pond (sometimes known as Lake Rosedale). Any land taken or held for the works shall be maintained to reasonable standard until construction of the facilities commences, to the intent that no nuisance is created to properties in the vicinity.

3. In all cases, buildings shall be located no closer than 5.0 metres to the boundary of the site.

4. The maximum height of any building shall not exceed 14.0 metres above natural ground level.

#### Outline Plan(s)

5. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the North Shore City Council. The outline plan(s) may be submitted in stages to reflect any proposed staging of the physical works. The outline plan(s) is to be submitted to an independent party appointed by the Chief Executive Officer of the North Shore City Council for assessment and recommendations to the Council. The outline plan(s) shall include those matters required to be included by section 176A(3) of the Act and those matters specified in conditions 6, 7, 9, 11-27, 33-35, 37, 38, 40 below:

6. During both the preparation of the outline plan(s) and the construction period, the Requiring Authority shall take into account the location of existing infrastructure and utility services, including particular regard to the existing UnitedNetworks electricity transmission line which traverses the treatment plant site, and also have regard to the likely location of future infrastructure and utility services, and undertake consultation with such appropriated North Shore City Council departments and network utility operators as necessary to achieve this.

7. Should the existing 110kV overhead transmission lines within part of the WTP site need to be relocated as a result of construction works, the Requiring Authority shall, prior to March in any year, provide United Networks Limited ("United Networks" ) with at least 6 months' notice of such relocation being required.

#### Construction Management Plan

8. Prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations, but including tunnelling and the deposit of excavated material), the Requiring Authority shall

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consult with UnitedNetworks in preparing a Construction Management Plan to ensure that the maintenance and operation of UnitedNetworks' infrastructure located within the designation site are not adversely affected by earthworks or construction activity within 20 metres of that infrastructure.

9. At least 1 month prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations, but including tunnelling and the deposit of excavated material), the Requiring Authority shall ensure that a Construction Management Plan is submitted:

- a. In its entirety to the Team Leader, Resource Consents of the North Shore City Council; and
- b. Those parts relating to earthworks or construction activity within 20 metres of UnitedNetworks' infrastructure, to UnitedNetworks;
- i. subject to conditions of Auckland Regional Council resource consents.

10. The Construction Management Plan required by condition 9 shall identify amongst other things:

- a. Method to avoid, remedy or mitigate any adverse effects of earthworks or construction activity on UnitedNetworks infrastructure located within the designation site;
- b. The area and volume of earthworks, together with erosion and silt control measures;
- c. Transportation, stock piling and storage of excavated material including sludge and spoil (and including measures to ensure that there is no stockpiling or storage within the root zone of any protected tree);
- d. Storage of construction equipment (including measures to ensure that there is no stockpiling or storage within the root zone of any protected tree);
- e. Fencing of construction activities from residential properties and public places;
- f. Security fencing;
- g. Cleaning of spilled debris from public places;
- h. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- i. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- j. A dilapidation survey of such nature and extent as should be considered reasonable and necessary by the Team Leader, Resource Consents of the North Shore City Council;
- k. The effects of, and procedures for prior notification of the use of, machinery or blasting likely to generate vibration effects to properties where such vibrations may be felt;
- l. Procedures for handling any dust and vibration complaints;
- m. Traffic movements;
- n. Hours of operation by trucks and service vehicles;
- o. Parking of workers' vehicles;
- p. Lighting in relation to adjacent residential properties;
- q. The extent of and quality control measures for reinstatement of public areas;
- r. A single point of contact to field general inquiries from the public relating to the project;
- s. A 24 hour point of contact for the Council;
- t. How compliance with the appropriate NZS noise and construction standards is to be achieved;
- u. How the NZ Electrical Code of Practice 34 (or any other code in substitution for or amendment of that Code) is to be complied with in respect of any works which would affect the existing 110kV overhead electricity transmission lines within part of the WWTP site;
- v. The measures to be adopted to filter odours which may be emitted through tunnel shafts or openings;
- w. Any matters required to be included as a result of conditions of any relevant consents granted by the Auckland Regional Council; and
- x. Any other measures required on the approval, pursuant to condition 5 above, or an Outline Plan(s) for the works.

11. The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction work.

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### Construction Works

12. All contract documentation for physical works shall include the designation conditions, the approved outline plan(s) and any other resource consents (including conditions) held for the project.

13. The Requiring Authority and its contractors shall, in addition to complying with all other construction-related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

14. Dust arising from construction activities shall be suppressed by the use of water sprays and other appropriate methods so as to prevent nuisance to adjacent occupiers and landowners.

15. The construction of the tunnel (including the spreading of spoil) and the treatment plant upgrading works shall be undertaken in such a manner as to avoid as far as is practicable the generation of dust from such activities which causes or is likely to cause nuisance beyond the boundary of the designated area.

16. The activities or works shall not generate vibrations that may cause discomfort or adversely affect the health and well being of the occupants of premises outside the designation, except when the written consent of the occupants is obtained. Vibrations which do not exceed the limits referred to below as set out in the provisions of International Standard ISO 2631-2: 1989 "Evaluation of human exposure to whole body vibration – Part 2 Continuous and Shock-induced Vibration in Buildings (1 to 80 Hz)" will be deemed to meet this requirement. These particular limits require that the vibration levels (acceleration measured in metres per second) relative to the frequency shall not exceed the base curves of figure 2A (z axis), 3a (x, y and z axes) and 4a (combined x, y and z axes) of ISO 2631-2:1989.

17. The assessment of continuous, intermittent and transient (impulsive) vibrations shall be carried out by a suitably qualified and experienced person in accordance with Annex A and Table 2 of ISO 2631-2:1989.

18. The instruments used to measure vibrations and the methods of measurement shall comply with a recognised standard such as Australian Standard AS2973:1987 Vibration and Shock – Human response.

19. The Team Leader, Resource Consents of the North Shore City Council may approve vibration levels above the standards specified in Condition 16 when satisfied that higher levels are necessary for construction or demolition work of limited duration.

20. All tunnel construction activities shall be controlled so as to ensure that any ground vibration will not adversely affect the structural integrity of any building or structure or facility (that is not connected with the land covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3: 1986 "Structural Vibration in Buildings – Effects on Structures", will be deemed to meet these requirements. Such monitoring as is necessary to ensure compliance with this condition shall be undertaken. Records of monitoring undertaken shall be made available to the Council on request.

21. Prior to the commencement of tunnelling works, the Requiring Authority shall consult with those property owners and occupiers whom it may reasonably expect would experience vibrations from the tunnelling. Persons involved in this consultation shall be advised of the duration and anticipated effects of the project.

22. The disposal tunnel shall be constructed in such a way as to prevent damage, loss of amenity or injury to people, buildings, and other property and facilities due to erosion, vibration, subsidence, or loss of support of the land adjacent to the tunnel.

23. The Requiring Authority shall advise all neighbouring owners and occupiers of the date on which

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construction is to start, the expected duration of the works, and the telephone number of a contact person who is able to respond to queries.

24. At least one month before any construction works take place upon and in the immediate proximity of the Mairangi Bay reserve, a public notice shall be provided in an appropriate place on the reserve advising of the general nature of the works and the date of their commencement.

25. At all times reasonable physical access shall be maintained to other properties in vicinity of all the construction works.

26. Measures shall be undertaken to keep the roads in the vicinity of the tunnel construction site, public places and treatment plant construction area free from any debris resulting from the construction works.

27. The programming of truck and other large vehicle movements shall be arranged so that such vehicles do not wait or queue on the street other than for normal traffic movements when opposing traffic obstructs their way.

28. Should construction work uncover any archaeological remains, the Requiring Authority shall immediately advise local Kaumatua of iwi claiming tangata whenua status in the immediate area and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. All archaeological sites are protected under the provision the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust.

### Discharges

29. The Requiring Authority shall prepare an Odour Management Plan which accurately records all management and operational procedures, methodologies and contingency plans necessary to achieve the 'no offensive or objectionable odour' threshold test, measured at the boundary of the odour buffer zone, by 1 July 2004. This Management Plan shall include an odour monitoring component. The Odour Management Plan required by this condition is to be submitted to the Team Leader, Environmental Protection of the North Shore City Council for written approval by 1 July 2001. The Odour Management Plan is to be reviewed from time to time to ensure that the best practicable options are being pursued in order to attain the no offensive or objectionable odour threshold test. Any review is to be submitted to the Team Leader, Environmental Protection for approval prior to its forming part of the Odour Management Plan.

i. Notwithstanding the no offensive or objectionable odour threshold timeframe, the Odour Management Plan shall contain a time bound procedure designed to minimise odour risk for the users of the Rosedale Parks when any regional, national or international event is hosted at those parks. The Requiring Authority shall request from the Rosedale Park users groups at 4 monthly intervals (or within such other time period agreed to by individual user groups) a list detailing the times of such events.

30. On completion of the Stage 3 upgrade works in 2001 and the decommissioning of the trickling filters by 1 July 2004 (or within 2 years of the designation being included in the District Plan) there shall be no odour, dust or fumes caused by discharges from the site beyond the boundary of the odour buffer which, in the opinion of an enforcement officer, are noxious, offensive or objectionable.

31. The trickling filters at the Plant are to be either fully enclosed (with appropriate biofilters) or decommissioned as soon as practicably possible. A programme to achieve this is to be submitted to the satisfaction of the Council and the ARC by 31 January 2001.

32. Other odour reducing actions as outlined in the documentation which accompanied the Requirement and as described in the evidence of the Requiring Authority, namely the evidence in November 2000 of Dr M Jones (page 17, paragraph 12.2), and Mr J Hodges (page 85, paragraph 17.3, and page 97, paragraph 21.3(d)), including (but not restricted to) the treatment of odorous gases from the screening building, covering the primary



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sedimentation tanks and treatment of odour gases, treatment of gases from the biosolids dewatering plant and reduction of oxidation pond loads is to progress as soon as practicably possible until the 'no objectionable or offensive' odour test is met at the amended odour buffer boundary.

33. No discharges from any activity on site shall give rise to visible emissions, other than water vapour and steam, to an extent that, in the opinion of any enforcement officer is noxious, offensive or objectionable.

34. Should pond odours continue to be noxious, offensive or objectionable as monitored at the odour buffer boundary by 2008, the Requiring Authority is to commence a process of consultation to determine the future of the ponds.

### **Visual Impact Mitigation Conditions**

35. As part of the outline plan(s) the Requiring Authority shall prepare a landscape mitigation plan, based on the landscape plan prepared by LA4 Landscape Architects (drawing 34) and included in the AEE.

36. The landscape plan is to be implemented as works progress, with the planting proposed to mitigate the effects of development within Area C being implemented as soon as practicably possible. To facilitate this a planting plan illustrating the manner in which the visual impact of future development in Zone C shall be addressed is to be produced as soon as practicably possible, and no later than 12 months prior to construction commencing.

37. This plan shall include all proposed planting (including species, species sizes, densities, areas and locations), the planting programme and the maintenance programme. Such planting shall be implemented in the first planting season following commencement of operations at the station.

38. The landscape maintenance programme shall extend for a minimum of five years following implementation. It shall include performance standards specifying the minimum average growth rates and survival rates for planting, and shall include any practicable and reasonable maintenance measures including control of invasive weed species.

39. The surface materials of structures and facilities on the WWTP site are to be finished in natural tones.

### **Noise Impact Mitigation Conditions**

40. The day to day operation of the treatment plant in non extreme weather conditions shall comply with the noise levels set out in Section 10 of the Proposed North Shore District Plan for the Residential Zones or be inaudible against the normally present background noise. The plan upgrades are to include specific design elements as directed by a suitably qualified acoustic engineer. The characteristics of all noise sources on site (including tonal components) should be addressed in the design criteria.

41. The Environmental Protection Department of the North Shore City Council is to be informed of any interim measures to protect the residential areas adjacent to the Plant prior to further plant upgrades.

42. The Requiring Authority shall ensure that all construction works comply with NZS6803P:1999 The Measurement and Assessment of Noise from Construction, Maintenance, and Demolition Work with a best practicable option approach being adopted to minimise noise exposure (particularly from tunnel access shafts) at all residential site boundaries. Prior to tunnel construction commencing, a noise management plan is to be submitted and approved by the Council showing how construction noise will be attenuated.

### **Traffic and Parking Conditions**

43. On site manoeuvring for all vehicles shall be provided so that no reverse manoeuvring onto streets will occur from the treatment plant site or any construction site associated with this designation.

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

44. The Requiring Authority will maintain a sufficient number of parking and loading spaces within the WWTP site to comply with Table 12.1 “Parking Standards” of the Proposed District Plan.

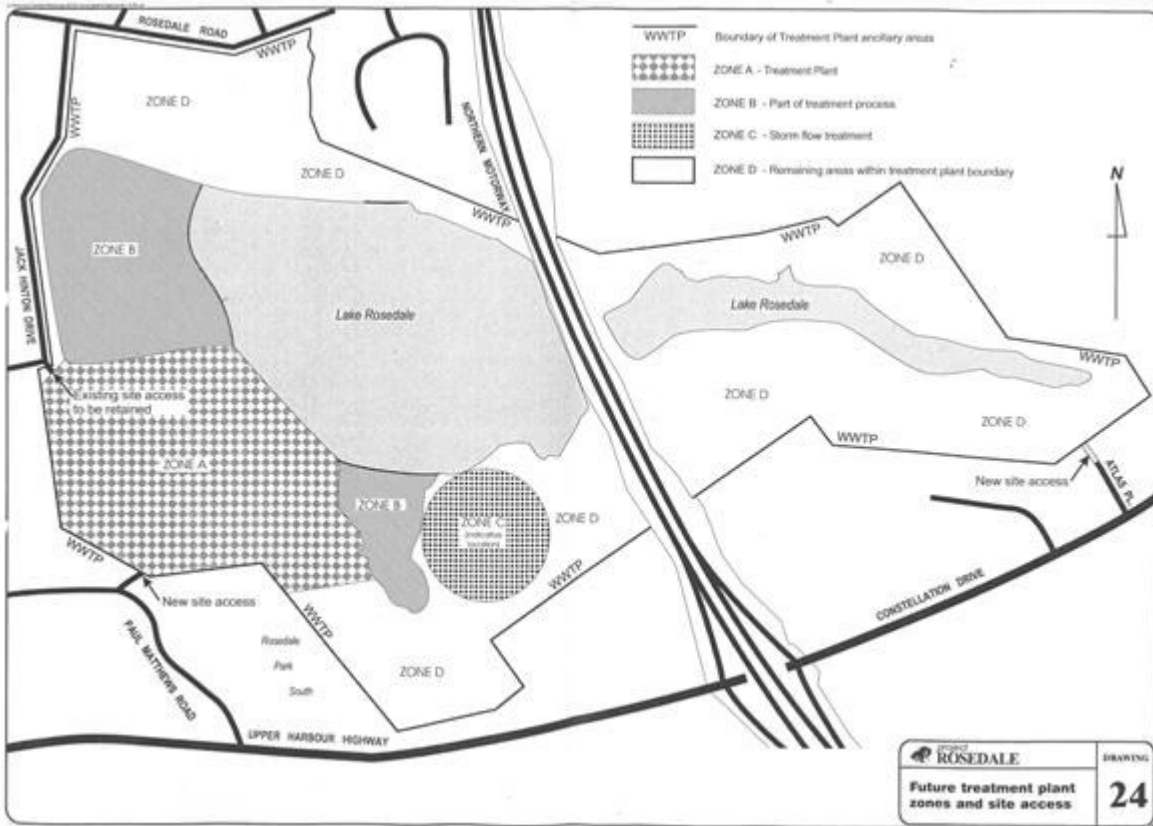
### Duration of the First Designation

45. In accordance with Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of 35 years after the date on which it is included in the District Plan unless;

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the district plan ceasing to be operative.

## Attachments

### Drawing No. 24 - Future Treatment Plant Zones and Site Access



### Drawing No. 34 - Landscape Development Plan

#### 9312 Easter Parade Pump Station

Designation Number	9312
Requiring Authority	Watercare Services Ltd
Location	22B Easter Parade, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)



## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9313 Colwill Road Pump Station

Designation Number	9313
Requiring Authority	Watercare Services Ltd
Location	161C Colwill Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

### 9314 Phillip Avenue Pump Station

Designation Number	9314
Requiring Authority	Watercare Services Ltd
Location	47A Phillip Avenue, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9315 McEntee Road Reservoirs

Designation Number	9315
Requiring Authority	Watercare Services Ltd
Location	126 McEntee Road, Waitakere
Rollover Designation	Yes
Legacy Reference	Designation WCCSP1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9316 Massey West Reservoir (Massey High School)

Designation Number	9316
Requiring Authority	Watercare Services Ltd
Location	270 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation WCCSP2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise

### Attachments

No attachments.

### 9317 Swanson Reservoirs (Scenic Drive North)

Designation Number	9317
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## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Watercare Services Ltd
Location	895 and part of 893 Scenic Drive North, Swanson
Rollover Designation	Yes
Legacy Reference	Designation WCCSP3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9318 Titirangi Reservoir (Scenic Drive)

Designation Number	9318
Requiring Authority	Watercare Services Ltd
Location	272A Scenic Drive, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Plan of Works in accordance with Section 176(2)(c) of the RMA.

3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.

4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9319 Bush Road Reservoirs

Designation Number	9319
Requiring Authority	Watercare Services Ltd
Location	19 Bush Road, Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation WCCSP5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.

2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.

3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.

4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9320 Huia Road Reservoir

Designation Number	9320
Requiring Authority	Watercare Services Ltd
Location	1076A Huia Road, Huia
Rollover Designation	Yes

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation WCCSP6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

### Attachments

No attachments.

### 9321 Waitakere Ranges Catchment Headworks Areas

Designation Number	9321
Requiring Authority	Watercare Services Ltd
Location	Waitakere Ranges
Rollover Designation	Yes
Legacy Reference	Designation WSL1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water catchment headworks areas.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

#### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose,

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

*Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

### Attachments

No attachments.

### 9322 Waitakere Ranges Catchment Headworks Services Land

Designation Number	9322
Requiring Authority	Watercare Services Ltd
Location	Waitakere Ranges
Rollover Designation	Yes
Legacy Reference	Designation WSL2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - headworks service land.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

carried out.

### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

### *Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

## Attachments

No attachments.

### 9323 Waitakere Water Treatment Plant

Designation Number	9323
Requiring Authority	Watercare Services Ltd
Location	105-121 Christian Road, Swanson; 21 Long Road, Bethells
Rollover Designation	Yes
Legacy Reference	Designation WSL3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Water supply purposes - water treatment plant and associated structures.

## Conditions



## The Proposed Auckland Unitary Plan (notified 30 September 2013)

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

- 3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".
- b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

*Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

### Attachments

No attachments.

### 9324 Huia and Nihotupu Water Treatment Plants

Designation Number	9324
Requiring Authority	Watercare Services Ltd
Location	Woodlands Park Road, Manuka Road and Exhibition Drive, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Water supply purposes - Huia and Nihotupu water treatment plants and associated structures

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a. a statement on the relevant Plan objectives, policies and rules; and
- b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

*Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

### Attachments

No attachments.

### 9325 Sunnyvale Reservoir (Waikumete Cemetery)

Designation Number	9325
Requiring Authority	Watercare Services Ltd
Location	88 Sunhill Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WSL6, Auckland Council District Plan (Waitakere Section) 2003

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

#### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

#### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

### Attachments

No attachments.

### 9326 Titirangi Reservoir (Konini Road)

Designation Number	9326
Requiring Authority	Watercare Services Ltd
Location	166-176 Konini Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

appropriate:

- a. a statement on the relevant Plan objectives, policies and rules; and
- b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

- 3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".
- b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

*Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

### Attachments

No attachments.

### 9327 The Concourse Storage Tanks

Designation Number	9327
Requiring Authority	Watercare Services Ltd
Location	56 The Concourse, Henderson
Rollover Designation	Yes
Legacy Reference	Designation WSL8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - storage tanks and associated structures

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

### Attachments

No attachments.

### 9328 Te Atatu South Pump Station (Flanshaw Road)

Designation Number	9328
Requiring Authority	Watercare Services Ltd
Location	143 Flanshaw Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation WSL9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes – pump station and associated structures

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

### *Explanation:*

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

## Attachments

No attachments.

### 9329 Titirangi Pump Station (Pleasant Road)

Designation Number	9329
Requiring Authority	Watercare Services Ltd
Location	Road Reserve on Pleasant Road/Titirangi Road corner
Rollover Designation	Yes
Legacy Reference	Designation WSL10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Water supply purposes – pump station and associated structures.

## Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

a. a statement on the relevant Plan objectives, policies and rules; and

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

## Attachments

No attachments.

### 9330 Te Atatu Peninsula Pump Station (Kelvin Crescent)

Designation Number	9330
Requiring Authority	Watercare Services Ltd
Location	Totara Road Esplanade Reserve, 9 Kelvin Crescent, Te Atatu Peninsula
Rollover Designation	Yes
Legacy Reference	Designation WSL11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Wastewater purposes – pump station and associated structures.

## Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a. a statement on the relevant Plan objectives, policies and rules; and
- b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in

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determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

### Attachments

No attachments.

### 9331 Te Atatu Peninsula Pump Station (Te Atatu Road)

Designation Number	9331
Requiring Authority	Watercare Services Ltd
Location	415A Te Atatu Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation WSL12, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes – pump station and associated structures.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

*Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

*Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.



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### Attachments

No attachments.

#### 9332 Titirangi Pump Station (Wood Bay Beach Reserve)

Designation Number	9332
Requiring Authority	Watercare Services Ltd
Location	Wood Bay Beach Reserve in the vicinity of 81 Wood Bay Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL13, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes – pump station and associated structures

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

#### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

#### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

### Attachments

No attachments.

#### 9333 Laingholm Pump Station (Laingholm Drive)

Designation Number	9333
Requiring Authority	Watercare Services Ltd

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Location	Road reserve - Laingholm Drive, adjoining 172A Laingholm Drive, Laingholm
Rollover Designation	Yes
Legacy Reference	Designation WSL14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes – pump station and associated structures.

### Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
  - a. a statement on the relevant Plan objectives, policies and rules; and
  - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

#### *Explanation:*

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

#### *Explanation:*

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

### Attachments

No attachments.

### 9334 Fred Taylor Drive Pump Station

Designation Number	9334
Requiring Authority	Watercare Services Ltd
Location	97B Fred Taylor Drive, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation WSL15, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	13 September 2022

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## Purpose

Wastewater Purposes – Construction and operation of a wastewater pump station pump station and associated structures to service the new town centre of Massey North. The proposed wastewater pumping station includes: an underground storage tank, wet well with submersible pumps, control building, mechanical and electrical installation, siteworks, planting and permanent access road.

## Conditions

### General Condition

1. Except as modified by the conditions, the works shall be undertaken in general accordance with the information provided by the requiring authority in the Notice of Requirement and all information and plans being:
  - a. Form 18 titled 'Notice of Requirement by for Designation Under Section 168 of the Resource Management Act 1991' for 'wastewater purposes', signed by General Counsel for Watercare Services Ltd, dated 27 January 2012;
  - b. plan prepared by Watercare Services Ltd titled 'Proposed Design for Massey North Watercare Pumping Station Proposed Designation', drawing number 131837.100 R2 dated 24 January 2012;
  - c. report prepared by Watercare Services Ltd titled 'Assessment of Effects on the Environment – Massey North Wastewater Pumping Station', dated May 2012;
  - d. plan prepared by Watercare Services Ltd titled 'Massey North Pump Station Control Building Elevations, drawing number 131837.021, dated 1 March 2012; and
  - e. letter from Nick Grala of Harrison Grierson titled 'Watercare Services Ltd, NoR for Massey North Pumping Station', dated 17 May 2012.

### Outline Plan of Works

2. The Requiring Authority shall submit an outline plan of works for the project in accordance with section 176A of the Resource Management Act 1991, except that an outline plan of works does not need to be submitted for earthworks authorised by regional consent 40357.

### Construction Noise

3. Construction activities shall be managed to generally achieve compliance with the requirements of NZS6803:1999 Acoustics – Construction Noise.

### Archaeology and Heritage

4. If any archaeological sites, including human remains are exposed during site works then the following procedures should apply:
  - a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
  - b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
  - c. The Requiring Authority shall be notify the New Zealand Historic Places Trust, tangata whenua, and the council (and in the case of human remains, the New Zealand police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

### Planting

5. The Requiring Authority shall plant around the periphery of the pumping station with an emphasis on the planting of the riparian margin, in areas not required for proposed or future works, servicing and maintenance, and any public walkway created in accordance with Condition 6. Planting shall be designed in consultation with council Parks, Sports and Recreation to ensure that plant species are generally consistent with the overall planting concept for the area as set out in the Totara Creek Stormwater and Open Space Master Plan dated April 2011. Details of the proposed planting shall be included with the Outline Plan of Works referred to in

# The Proposed Auckland Unitary Plan (notified 30 September 2013)

Condition 2.

## Public Access

6. If council seeks approval under s. 176 (1) (b) Resource Management Act (1991) for a public walkway over part of the site, the Requiring Authority shall unreasonably withhold its approval provided that any public walkway does not interfere with the construction, operation and maintenance of the site for wastewater purposes and meets all health and safety requirements.

## Lapsing of the Designation

7. The designation shall lapse on expiry of period 10 years after the date it is included in the District Plan in accordance with section 184(1)(c) of the RMA, unless:

- a. It is given effect before the end of that period; or
- b. The council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

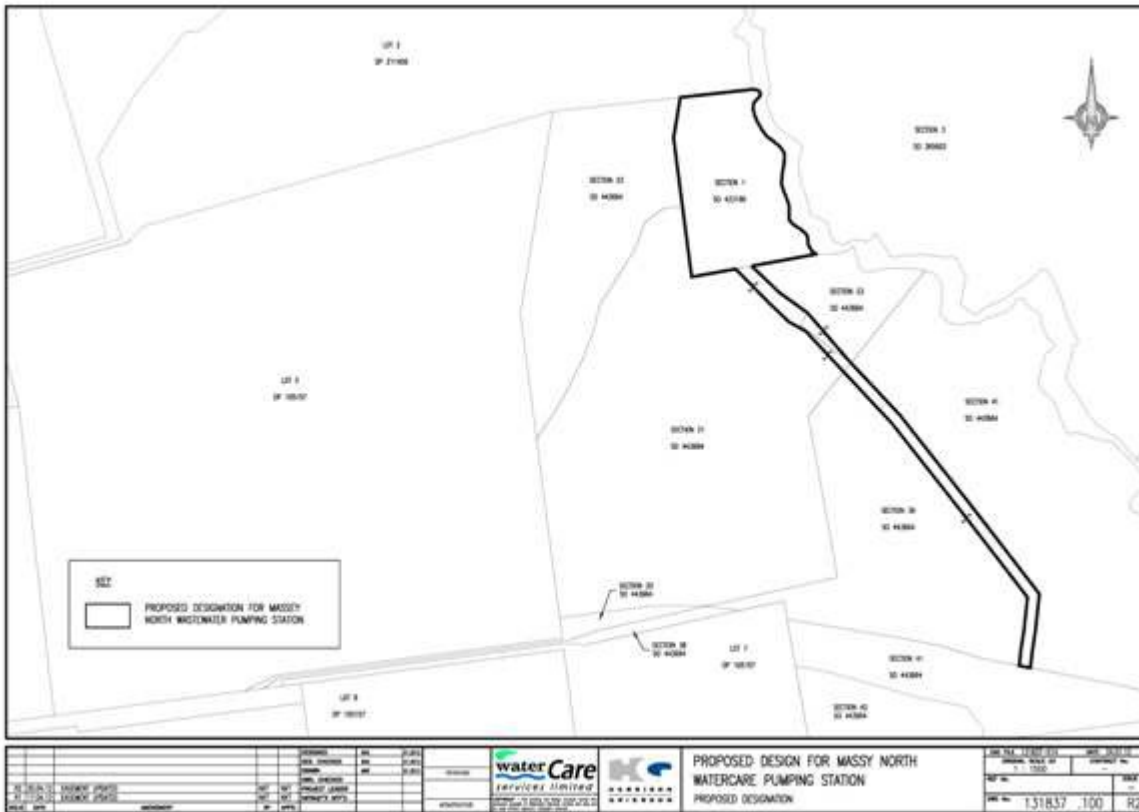
## Attachments

### Drawing No. 131837.100R2 - Massey North Pumping Station Control Building



### Drawing No. 131837.021 - Proposed Design for Massey North Pumping Station

## The Proposed Auckland Unitary Plan (notified 30 September 2013)



### 9335 Wellsford Water Treatment Plant

Designation Number	9335
Requiring Authority	Watercare Services Ltd
Location	362 Wayby Valley Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 103, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9336 Wellsford Reservoirs

Designation Number	9336
Requiring Authority	Watercare Services Ltd
Location	Worthington Road (Lot 1 DP 57349), Wellsford

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Rollover Designation	Yes
Legacy Reference	Designation 105, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9337 Wellsford Wastewater Treatment Plant

Designation Number	9337
Requiring Authority	Watercare Services Ltd
Location	Between State Highway 1 and Rustybrook Road (Lot 3 DP 64870), Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 107, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9338 Omaha Reservoirs (Omaha Drive)

Designation Number	9338
Requiring Authority	Watercare Services Ltd
Location	31 Omaha Drive, Omaha
Rollover Designation	Yes
Legacy Reference	Designation 108, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

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Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9339 Matakana Wastewater Treatment Plant

Designation Number	9339
Requiring Authority	Watercare Services Ltd
Location	978 Matakana Road, Matakana
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9340 Omaha Wastewater Treatment Plant

Designation Number	9340
Requiring Authority	Watercare Services Ltd
Location	64 Jones Road, Omaha Flats
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

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### 9341 Warkworth Reservoir (View Road)

Designation Number	9341
Requiring Authority	Watercare Services Ltd
Location	20 View Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 113, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - reservoir and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9342 Warkworth Water Treatment Plant

Designation Number	9342
Requiring Authority	Watercare Services Ltd
Location	6 Brown Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 116, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - water treatment plant.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9343 Warkworth Wastewater Treatment Plant

Designation Number	9343
Requiring Authority	Watercare Services Ltd
Location	55 Alnwick Street and Pt Allot 68 SO 64916, Warkworth
Rollover Designation	Yes



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Legacy Reference	Designation 118, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9344 Snells Reservoir (James Street)

Designation Number	9344
Requiring Authority	Watercare Services Ltd
Location	2 James Street, Snells Beach and adjoining properties (Lots 1 and 2 DP 205704)
Rollover Designation	Yes
Legacy Reference	Designation 119, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9345 Warkworth Reservoir (Tudor Collins Drive)

Designation Number	9345
Requiring Authority	Watercare Services Ltd
Location	32 Tudor Collins Drive, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 122, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

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### Conditions

No conditions.

### Attachments

No attachments.

#### 9346 Snells Water Treatment Plant

Designation Number	9346
Requiring Authority	Watercare Services Ltd
Location	114 and 118 Hamilton Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 123, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9347 Snells Beach Wastewater Treatment Plant

Designation Number	9347
Requiring Authority	Watercare Services Ltd
Location	Te Whau Creek, Hamilton Road (east of 287 and 309 Hamilton Road), Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 124, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Condition

No conditions.

### Attachments

No attachments.

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### 9348 Waiwera Wastewater Treatment Plant

Designation Number	9348
Requiring Authority	Watercare Services Ltd
Location	In the vicinity of 135 Weranui Road, Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 126, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - wastewater treatment plant.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9349 Waiwera Reservoirs

Designation Number	9349
Requiring Authority	Watercare Services Ltd
Location	1002 Hibiscus Coast Highway, Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 127, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - reservoirs and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9350 Orewa Reservoir (West Hoe Road)

Designation Number	9350
Requiring Authority	Watercare Services Ltd
Location	138 West Hoe Road, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9351 Orewa Wastewater Treatment Plant

Designation Number	9351
Requiring Authority	Watercare Services Ltd
Location	228 Millwater Parkway, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9352 Silverdale Reservoir (Wainui Road)

Designation Number	9352
Requiring Authority	Watercare Services Ltd
Location	105 Wainui Road, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

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No conditions.

### Attachments

No attachments.

#### 9353 Red Beach Reservoirs (Whangaparaoa Road)

Designation Number	9353
Requiring Authority	Watercare Services Ltd
Location	231 Whangaparaoa Road, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 137, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures

### Conditions

No conditions.

### Attachments

No attachments.

#### 9354 Arkles Bay Reservoirs (Wade River Road)

Designation Number	9354
Requiring Authority	Watercare Services Ltd
Location	104A Wade River Road, Arkles Bay
Rollover Designation	Yes
Legacy Reference	Designation 138, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9355 Tindalls Bay Reservoirs (Whangaparaoa Road)

Designation Number	9355
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Requiring Authority	Watercare Services Ltd
Location	1170 Whangaparaoa Road, Tindalls Bay
Rollover Designation	Yes
Legacy Reference	Designation 141, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9356 Helensville Wastewater Treatment Plant

Designation Number	9356
Requiring Authority	Watercare Services Ltd
Location	Kaipara Coast Highway (Sec 50 SO 47244), Helensville
Rollover Designation	Yes
Legacy Reference	Designation 142, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9357 Helensville Dams (Mangakura Dams 1-5)

Designation Number	9357
Requiring Authority	Watercare Services Ltd
Location	Mangakura, Kiwitahi and Wishart Roads, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 143, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Purpose

Water supply purposes - dams.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9358 Helensville Reservoir (Wishart Road)

Designation Number	9358
Requiring Authority	Watercare Services Ltd
Location	Wishart Road (between 156-166), Helensville
Rollover Designation	Yes
Legacy Reference	Designation 144, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9359 Huapai Wastewater Treatment Plant

Designation Number	9359
Requiring Authority	Watercare Services Ltd
Location	18 Oraha Road, Huapai
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - wastewater treatment plant.

### Conditions

No conditions.

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### Attachments

No attachments.

#### 9360 Muriwai Water Treatment Plant

Designation Number	9360
Requiring Authority	Watercare Services Ltd
Location	148-162 Motutara Road, Muriwai
Rollover Designation	Yes
Legacy Reference	Designation 147, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9361 Dwelling Exclusion Area - Wellsford Wastewater Treatment Plant

Designation Number	9361
Requiring Authority	Watercare Services Ltd
Location	Land surrounding the wastewater treatment ponds including 106 Rustybrook Road, 1496 State Highway 1, 133 Wayby Valley Road and Lot 2 DP 171826, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 155, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9362 Army Bay Wastewater Treatment Plant

Designation Number	9362
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Requiring Authority	Watercare Services Ltd
Location	1535 Whangaparaoa Road, Army Bay
Rollover Designation	Yes
Legacy Reference	Designation 157, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Description

Wastewater purposes - wastewater treatment plant.

### Conditions

1. That development shall be in general accordance with the notice of requirement dated 28 August 1996, plan numbers ss1, ss2, ss3, re1, re2, and l1 relating to job number 18206 and the concept plan, drawing number Rodney District Council 12558.
2. That the lone pohutukawa tree on the northern side of the wetland be fenced off and protected, in consultation with Ngati Whatua, within three months of the approval of this requirement notice, in recognition of the cultural significance of the tree.
3. That in the event of any archaeological remains being uncovered during the establishment and operation of the site, work shall cease immediately and the New Zealand Historic Places Trust and Te Hao o Ngati Whatua shall be notified so that the appropriate action can be taken.
4. That the visible exterior of the SBR tanks be finished and maintained in the following, or similar, colours with the prior agreement of the district planner - resource management within six months of the construction of the tanks.  
BS5252 CHART  
08 B 25 10 B 27 12 B 25 12 C 40 00 A 09  
08 B 27 10 B 29 12 B 27 12 C 39 10 A 11  
08 B 29 08 C 40 12 B 29 18 B 25  
10 B 25 14 C 40  
FROM BSS2660 RANGE  
1-018 3-035 4-048 7-078 9-099  
1-019 3-036 4-049 9-094 9-100  
2-027 3-037 4-051 9-095 9-101  
2-028 3-038 5-059 9-096  
2-029 3-039 5-060 9-097
5. That all gorse and other noxious weeds on the property be controlled, such control to be maintained on an ongoing basis.

### Purpose

No attachments.

### 9363 Dwelling Exclusion Area - Snells Beach Wastewater Treatment Plant

Designation Number	9363
Requiring Authority	Watercare Services Ltd

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Location	Land surrounding the wastewater treatment ponds, Te Whau Creek, Snells Beach (including 287 and 309 Hamilton Road and 120 Hamatana Road)
Rollover Designation	Yes
Legacy Reference	Designation 159, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9364 Dwelling Exclusion Area - Waiwera Wastewater Treatment Plant

Designation Number	9364
Requiring Authority	Watercare Services Ltd
Location	Land surrounding wastewater treatment ponds, Weranui Road (including 135 Weranui Road and 12, 45, 83 and 105 Jarvis Road), Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 160, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9365 Dwelling Exclusion Area - Orewa Wastewater Treatment Plant

Designation Number	9365
Requiring Authority	Watercare Services Ltd
Location	Land surrounding the wastewater treatment pond at 228 Millwater Parkway, (including 228 Millwater Parkway, Allot 652 SO 47998 and Part Lot 5 DP 168591) Orewa
Rollover Designation	Yes
Legacy Reference	Designation 161, Auckland Council District Plan (Rodney Section) 2011

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9366 Orewa Reservoir (West Hoe Heights)

Designation Number	9366
Requiring Authority	Watercare Services Ltd
Location	190 West Hoe Heights, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 950, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures

### Conditions

No conditions.

### Attachments

No attachments.

### 9367 Glenvar Reservoir (Lonely Track Road)

Designation Number	9367
Requiring Authority	Watercare Services Ltd
Location	2 Lonely Track Road, Glenvar
Rollover Designation	Yes
Legacy Reference	Designation 951, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures (including power supply and telemetry).

### Conditions

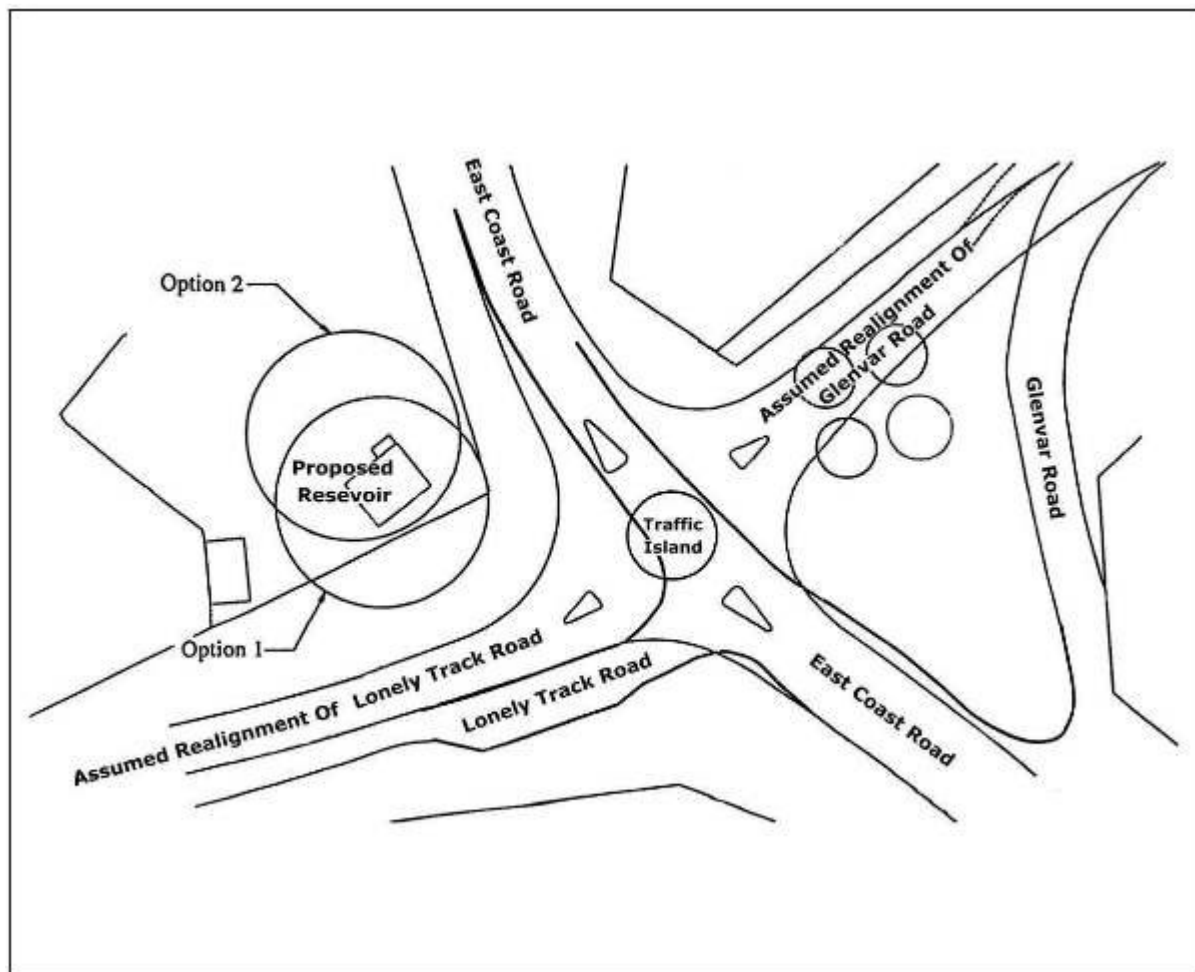
## The Proposed Auckland Unitary Plan (notified 30 September 2013)

1. That development shall proceed in general accordance with the notice of requirement and attached plans submitted on 4 March 1996, (Plan Number 2001111-03).
2. That "Option 2" on Plan Number 2001111-03 be adopted.
3. That provision of vehicular access to the site be made from Lonely Track Road, and that access to the balance land be located at the most practicable northernmost point onto East Coast Road.
4. That the reservoir and associated structures are painted in visually recessive colours appropriate to the setting when viewed from East Coast Road and Lonely Track Road.
5. That a detailed landscape plan and implementation programme shall be submitted and approved by the Council's Parks Officer, prior to the construction of the reservoir.
  - a. The landscape plan is to take into account the safety problem caused by landfill debris on the site.
  - b. A rehabilitation programme is to be included in the landscape plan to address amenity and safety issues.
  - c. The landscape plan is to include appropriate measures for the screening of the reservoir and associated structures by earth mounding and vegetation.
  - d. Subsoil shall be ripped and drained and the depth of topsoil shall be no less than 500mm where planting is to be undertaken.
  - e. Irrigation and mulching is to be provided for the first three years after planting.
  - f. Priority shall be given to the retention of as much of the existing vegetation on the site as is practicable and to the selection of native species for replanting.
  - g. New planting shall be implemented and maintained in accordance with the approved plan.

### Attachments

**Plan Number 2001111-03 - Site Plan**

## The Proposed Auckland Unitary Plan (notified 30 September 2013)



### 9368 Redvale Pump Station (East Coast Road)

Designation Number	9368
Requiring Authority	Watercare Services Ltd
Location	East Coast Road - vicinity of Bawden Road, Redvale
Rollover Designation	Yes
Legacy Reference	Designation 952, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Give effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station and associated structures.

### Conditions

1. This requirement is to operate, maintain and replace, add to or upgrade if necessary the existing Water Pump Station together with any associated:
  - a. pipelines or tunnels;
  - b. power supply and telemetry; and
  - c. other ancillary structures.
2. That the buildings and structures are painted in a visually recessive colour appropriate to the rural setting.

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

3. That a detailed landscape plan be maintained, to include appropriate measures for the screening of the building from the adjacent roads, and the planting shall be implemented and maintained in accordance with the approved plan.

### Attachments

No attachments.

### 9369 Wade Heads Reservoir (Scott Road)

Designation Number	9369
Requiring Authority	Watercare Services Ltd
Location	125 Scott Road, Wade Heads
Rollover Designation	Yes
Legacy Reference	Designation 953, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

### Description

Water supply purposes - reservoir and associated structures.

### Purpose

#### General

1. The activity shall proceed in general accordance with the Notice of Requirement and further information submitted to council, and plans drawn by Watercare Services Limited, dated 26/06/2003 and numbered 2003768.001/2.

#### Note:

Consent may be required from council for sediment control relating to the necessary earthworks.

#### Outline Plan

2. An outline plan shall be submitted to council prior to the commencement of work on the site.

#### Landscape Plan

3. A detailed landscape plan, including an implementation and maintenance programme shall be submitted to and approved by the Team Leader — Resource Consents prior to any works commencing on the site:

a. The plan shall include details of the plant sizes at the time of planting and intended species. Preference should be given to the use of indigenous species, with a further preference for the use of local genetic stock. Such a plan shall include appropriate measures to reduce adverse effects on visual amenity and to provide screening of the water supply structures viewed from neighbours and the road; and

b. The landscaping shall be implemented and maintained in accordance with the approved landscaping plan within the first planting season (May to October) following the completion of the works on the site. The landscaping shall be maintained thereafter.

#### Review Condition

4. Pursuant to s. 128 of the Resource Management Act (1991), the council may serve notice on the requiring authority of its intention to review conditions of this consent after three years of operation of the activity. The purpose of this review will be to ensure that the visual effects associated with the bulk of the reservoir structure are being mitigated by the conditions of this consent and if additional measures, such as the painting of the structure, are to be taken. This review condition will ensure that any adverse effects not anticipated at the time

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

consent was granted are duly mitigated.

### Stormwater

5. It is recommended that Watercare Services Ltd mitigate the discharge of stormwater from the site in terms of the joint RDC/ARC publication "Management of Stormwater in Countryside Living Zones (Rural and Town) — A Toolbox of Methods".

### Site Access

6. It is recommended that all construction and long term access to the site be from Scott Road as indicated on Watercare Services Ltd Drawing 2003768.001 dated 23/6/2003, clear of the intersection Defined Road Boundary and Wade River Road.

### Construction Activities

7. Construction activities shall be restricted to 7.30am to 6.00pm Monday to Saturday.

### Noise

8. The activity shall not exceed the following noise limits:

a. Corrected noise level L10 as measured on or at the boundary of any site shall not exceed the following limits:

Monday to Friday 7.00am to 6.00pm 52 dBA

At all other times including public holidays 47 dBA

The background noise level as measured on or close to the boundary of any site shall not exceed the following limits:

Monday to Friday 7.00am to 6.00pm 47 dBA

At all other times including public holidays 42 dBA

i. Sound levels shall be measured with a sound level meter complying with international standard IEC 60651:1979 Sound Level Meters — Type 1.

### Exposure of Archaeological Artefacts

9. If any artefact, including human remains is exposed during any site works the following procedures shall apply:

a. Immediately when an artefact has been exposed, all site works shall cease; and

b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched; and

c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Council's RMA

Compliance Administration Officer (telephone 0800 4265169) and in the case of human remains, the Police, that an archaeological site has been exposed, so that appropriate action can be taken. This includes such people being given a reasonable time as determined by the Council to record and recover the archaeological features discovered before work may recommence on the site.

### Monitoring Charges

10. The applicant shall pay to the Council within one month prior to the activity commencing the cost, including specialist services, staff time and administration for the processing of this application together with initial charges for the following inspections:

a. Specialist 1 @ \$150.00; and

b. Environmental protection 1 @ \$150.00

Monitoring deposits will be invoiced by the Council together with the consent processing charges. Should further monitoring be required to ensure compliance, the Council will recover the actual and reasonable costs that are incurred for this monitoring as set out in the Council's Schedule of Fees and Charges.

# The Proposed Auckland Unitary Plan (notified 30 September 2013)

## Attachments

No attachments.

## 9370 Orewa Pump Station and Associated Network (Millwater Parkway)

Designation Number	9370
Requiring Authority	Watercare Services Ltd
Location	228 Millwater Parkway, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 954, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	10 years from inclusion in the plan

## Purpose

Wastewater purposes - pump station constructed overflow and associated structures.

## Conditions

### General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by Watercare Services Limited in the Notice of Requirement dated 13 August 2012 and in supporting report "Orewa Pump Station Constructed Overflow, Application for Resource Consents and Assessment of Effects on the Environment", dated June 2012.
2. The designation shall lapse on the expiry of a period of 10 years after the date it is included in the Auckland Council District Plan (Rodney Section) in accordance with section 184(1)(c) of the Resource Management Act 1991, unless:
  - a. It is given effect to before the end of that period; or
  - b. The Auckland Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period under section 184(2)(b).

### Outline Plans of Works

3. Except as provided for in Condition 4 below, the Requiring Authority shall submit an Outline Plan of Works for the any future works associated with the Project in accordance with section 176A of the Resource Management Act 1991.
4. An Outline Plan of Works need not be submitted for the construction works associated with the construction of the controlled overflow pipeline as these works are sufficiently described in the resource consents (40740, 40736, 40737) granted by Auckland Council in February 2013.

### Construction Noise

5. Construction Activities shall be managed to achieve compliance with the requirements of NZS6803:1999, Acoustics – Construction Noise.

### Archaeology and Heritage

6. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:
  - a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
  - b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched;



## The Proposed Auckland Unitary Plan (notified 30 September 2013)

and

c. The Requiring Authority shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

### Orewa Pump Station Landscape Plan

7. Within one year of the construction of the pipeline the Requiring Authority shall prepare and implement a landscape plan that shall provide appropriate and suitable screening of the existing Orewa Pump Station. The landscape plan shall be prepared in consultation with the Manager Local and Sports Parks – North. Implementation and maintenance of the landscaping shall be the responsibility of the Requiring Authority.

### Integration of work with future park development

8. The overflow pipeline from the pump station shall be installed at a sufficient depth to allow for development of sports fields and a pedestrian walkway to occur on top of the wastewater pipeline, as described in Metro Park East Reserve Management Plan (amended February 2010).

9. If Auckland Council seeks approval under section 176(1)(b) of the Resource Management Act to undertake works as described in the Metro Park East Management Plan (amended February 2010), the Requiring Authority shall not unreasonably withhold approval provided that the park development does not interfere with the construction, operation or maintenance of the wastewater infrastructure and meets all health and safety requirements.

10. The Requiring Authority shall consult with the Manager of Auckland Council's Local and Sports Parks – North regarding the location and design of future wastewater infrastructure and the integration of this with the Metro Park West Management Plan (amended February 2010).

## Attachments

No attachments.

### 9371 Massey Pump Station (Triangle Road)

Designation Number	9371
Requiring Authority	Watercare Services Ltd
Location	2-12 Lincoln Park Avenue, Massey
Rollover Designation	Yes
Legacy Reference	Designation WSL16, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	10 years from inclusion in the plan

## Purpose

Water supply purposes - pump station and associated structures.

## Conditions

### General Conditions

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 17 May 2013 and supporting report titled "Assessment of Effects on the Environment — Triangle Road Water Pump Station", dated 17 May 2013 ("the AEE").

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

2. As soon as practicable following completion of commissioning of the Project, the Requiring Authority shall:
- Remove any areas of designated land that are no longer necessary for the ongoing operation and maintenance of the pump station. For avoidance of doubt, the designation to be removed over land to remain in Transpower ownership includes all that between the red and blue dashed lines on Triangle Road Pump Station Massey Designation Plan: 2010135.006 Issue 1 included in Appendix K of the AEE.
  - Give notice to the Council in accordance with Section 182 of the RMA for the removal of the part of the designation identified in (a) above.

### Outline Plan of Works

3. Except as provided for in Condition 4 below, the Requiring Authority shall submit an Outline Plan (OPW) for the Project in accordance with Section 176A of the RMA.

4. An OPW need not be submitted for the Phase 1 earthworks and valve chamber components of the project as the detail of this work is sufficiently described in the AEE.

### Construction Noise

5. Construction activities shall be managed to achieve compliance with the requirements of NZS6803:1999 Acoustics – Construction Noise.

### Contaminated Soil Management

6. The management of any contaminated soil discovered on site shall be in accordance with the consent conditions approved for LUC 2013-629 and Soil Management Plan (SMP) compiled for the works and included in the AEE document supporting the Notice of Requirement.

### Archaeology and Heritage

7. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- The Requiring Authority shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

### Landscaping

8. The Requiring Authority shall prepare a Landscape Plan with the Outline Plan of Works referred to in Condition 3. Details of the proposed planting shall be included in the Landscape Plan with an emphasis on providing planting along the designation's front road boundary, in areas not required for proposed or future works, servicing and maintenance. Planting shall be designed in consultation with Auckland Council Parks, Sports and Recreation to ensure that plant species are consistent with existing road reserve planting adjoining Triangle Road.

### Stormwater

9. The Outline Plan of Works referred to in Condition 3 shall be accompanied by a stormwater assessment report which includes measures to mitigate any increased risk of flooding that may arise from the proposed works.

### Lapsing of designation

10. The designation shall lapse on the expiry of a period of 10 years after the date it is included in the District Plan in accordance with section 184(1)(c) of the RMA, unless:

- It is given effect to before the end of that period; or
- The Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

longer period for the purposes of this subsection.

### Attachments

No attachments.

### Central

#### Designation Schedule - Watercare Services Ltd (2/3)

### Central

Number	Purpose	Location
9400	Wastewater purposes - pump station and associated structures	36 Westmere Park Avenue (Westmere Park), Westmere
9401	Wastewater purposes - pump station and associated structures	44-66 West End Road (Cox's Bay Reserve at the end of Nottingham Street), Herne Bay
9402	Wastewater purposes - pump station and associated structures	Farnham Street (road reserve adjoining 106 St Georges Bay Road), Parnell
9403	Water supply purposes - water tower	34A Waimarie Street, St Heliers
9404	Wastewater purposes - pump station and associated structures	10B Harbour View Road, Point Chevalier
9405	Wastewater purposes - pump station and associated structures	Wainui Avenue (road reserve adjoining No. 76), Point Chevalier
9406	Wastewater purposes - pump station and associated structures	Oliver Street (road reserve across from Lynch Street), Point Chevalier
9407	Wastewater purposes - pump station and associated structures	Wright Road (road reserve adjoining No. 47), Point Chevalier
9408	Water supply purposes - above ground reservoir and associated structures	7 Hereford Street, Freemans Bay
9409	Water supply purposes - reservoirs, pump station and associated structures	230-250 Symonds Street, Grafton
9410	Water supply purposes - reservoir	20 Park Road (Auckland Domain), Grafton
9412	Wastewater purposes - pump station and associated structures	2-30 Shore Road (Thomas Bloodworth Park), Remuera
9413	Wastewater purposes - pump station and associated structures	34-40 Reihana Street, Orakei
9414	Wastewater purposes - pump station and associated structures	6 Baddeley Avenue (Madills Farm), Kohimarama
9415	Wastewater purposes - pump station and associated structures	20-22 Roberta Avenue (Roberta Reserve), Glendowie
9416	Wastewater purposes - siphon chamber	32 Saunders Place, Avondale
9417	Water supply purposes - reservoirs and associated structures	250 Mt Eden Road (Mt Eden Domain), Mt Eden
9418	Water supply purposes - reservoirs and associated structures	181-225 Remuera Road (Mt Hobson Domain), Remuera

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

9419	Water supply purposes - reservoir and associated structures	15-39 College Road, St Johns
9420	Water supply purposes - reservoir and associated structures	27 La Veta Avenue, Mount Albert
9421	Wastewater purposes - pump station and associated structures	La Veta Avenue (road reserve adjoining No. 13 and 15), Mount Albert
9422	Wastewater Purposes - Overflow Apron	End of Morning Star Place and 30-36 Alberton Avenue (near Roy Clement Walkway), Mount Albert
9423	Water supply purposes - reservoir and associated structures	181-225 Remuera Road (Mt Hobson Domain), Remuera
9424	Wastewater purposes - pump station and associated structures	40 Maybury Street (Maybury Rserve), Point England
9425	Wastewater purposes - pump station and associated structures	192A Riverside Avenue (Riverside Reserve), Point England
9427	Water supply purposes - reservoir and associated structures	113A Duke Street (Big King Reserve), Three Kings
9428	Water supply purposes - reservoir and associated structures	670 Manukau Road (One Tree Hill Domain), Epsom
9429	Water supply purposes - reservoir and associated structures	670 Manukau Road (One Tree Hill Domain), Epsom
9430	Water supply purposes - reservoirs, pump station and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9431	Water supply purposes - reservoir and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9432	Water supply purposes - reservoirs, pump station and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9433	Wastewater purposes - pump station and associated structures	100 Ireland Road (Panmure Basin Foreshore), Panmure
9434	Water supply purposes - reservoir and associated structures	32-66 Mountain Road (Mt Wellington Domain), Mount Wellington
9435	Water supply purposes - reservoir and associated structures	32-66 Mountain Road (Mt Wellington Domain), Mount Wellington
9436	Wastewater purposes - pump station and associated structures	32B Miranda Street (Miranda Reserve), Avondale
9437	Water supply purposes - reservoir and associated structures	1109 Dominion Road (Winstone Park), Mount Roskill
9438	Wastewater purposes - pump station and associated structures	20 Bowden Road, Mount Wellington
9439	Wastewater purposes - pump station and associated structures	19 Commodore Drive, Lynfield
9440	Wastewater purposes - pump station and associated structures	39 Fredrick Street, Hillsborough
9441	Wastewater purposes - pump station and associated structures	30 and 30A Alfred Street, Onehunga

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

9442	Water supply purposes - water treatment plant	2 Spring Street and Rowe Street (road reserve adjacent to 2 Spring Street), Onehunga
9443	Water Supply purposes - supply well, pump station and associated structures	81-87 Church Street (corner Pearce Street and Upper Municipal Place), Onehunga
9444	Water Supply purposes - supply well, pump station and associated structures	26 Upper Municipal Place, Onehunga
9445	Water Supply purposes - supply well, pump station and associated structures	Lower Municipal Place (road reserve adjoining 37-39 Selwyn Street), Onehunga
9446	Water supply purposes - water protection reserve	122R and 122S Neilson Street (Bycroft Reserve), and 43 Galway Street Onehunga
9447	Water supply purposes - Hunua No. 4 Watermain	Onehunga Harbour Road to the corner of Campbell and Rawhiti Roads, Epsom
9448	Wastewater purposes - pump station and associated structures	5A Miami Parade, Onehunga
9449	Wastewater purposes - pump station and associated structures	343 Neilson Street, Te Papapa
9450	Wastewater purposes - siphon chamber, pump station and associated structures	1018A-C Great South Road, Mount Wellington
9451	Wastewater purposes - pump station and associated structures	15-21 and 23A -23B Bell Avenue, Mount Wellington
9452	Wastewater purposes - siphon chamber and associated structures	23A-B Saleyards Road, Otahuhu
9453	Wastewater purposes - pump station and associated structures	20 Saleyards Road, Otahuhu
9454	Wastewater purposes - pump station and associated structures	Luke Street East (road reserve adjoining No. 137), Otahuhu
9455	Wastewater purposes - pump station and associated structures	Portage Road (road reserve adjoining No. 4-12), Otahuhu
9456	Water supply purposes - valve chamber and associated structures	13 Cracroft Street, Otahuhu
9457	Wastewater purposes - pump station and associated structures	2 Alten Road and Churchill Street (road reserve) and Constitution Hill (road reserve), Auckland Central
9458	Wastewater purposes - pump station and associated structures	Hardinge Street (road reserve between 120 and 136-142 Fanshaw Street), Auckland Central

### 9400 Westmere Park Pump Station

Designation Number	9400
Requiring Authority	Watercare Services Ltd
Location	36 Westmere Park Avenue, Westmere
Rollover Designation	Yes
Legacy Reference	Designation B05-01, Auckland Council District Plan (Isthmus Section) 1999

# The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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## Purpose

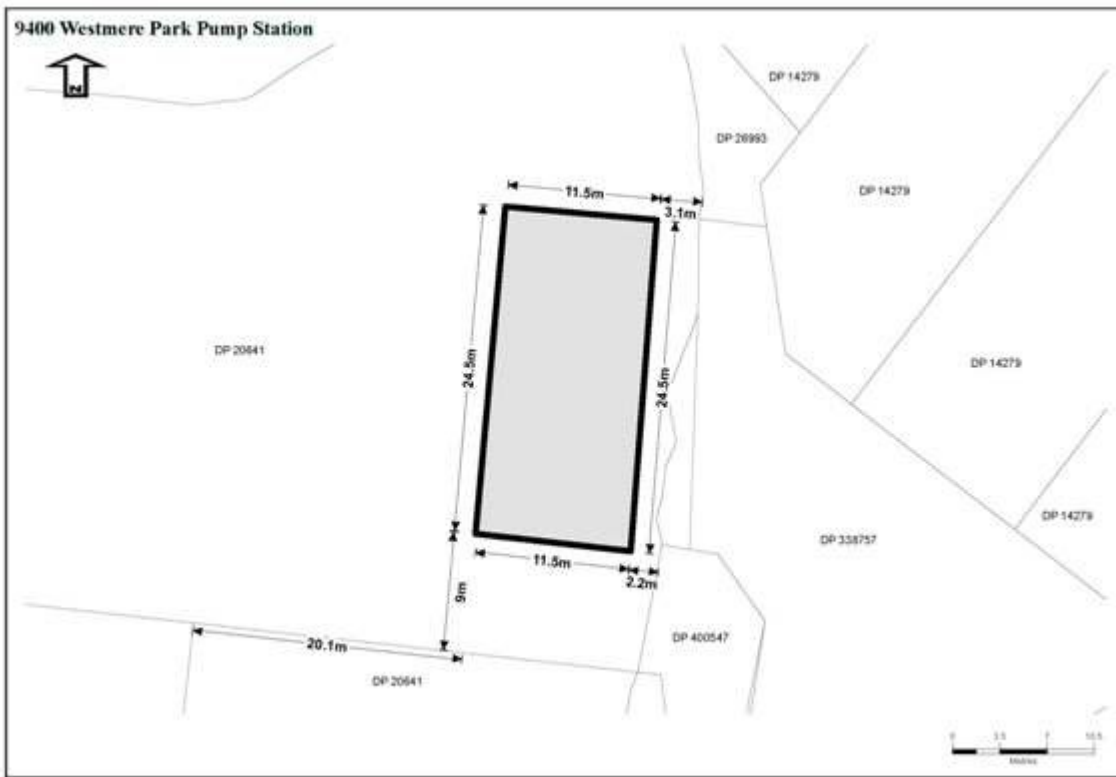
Wastewater purposes - pump station and associated structures.

## Conditions

No conditions.

## Attachments

### Designation Plan - 9400 Westmere Park Pump Station



### 9401 Herne Bay (Cox's Bay Reserve) Pump Station

Designation Number	9401
Requiring Authority	Watercare Services Ltd
Location	44-66 West End Road, (Cox's Bay Reserve at the end of Nottingham Street), Herne Bay
Rollover Designation	Yes
Legacy Reference	Designation B06-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

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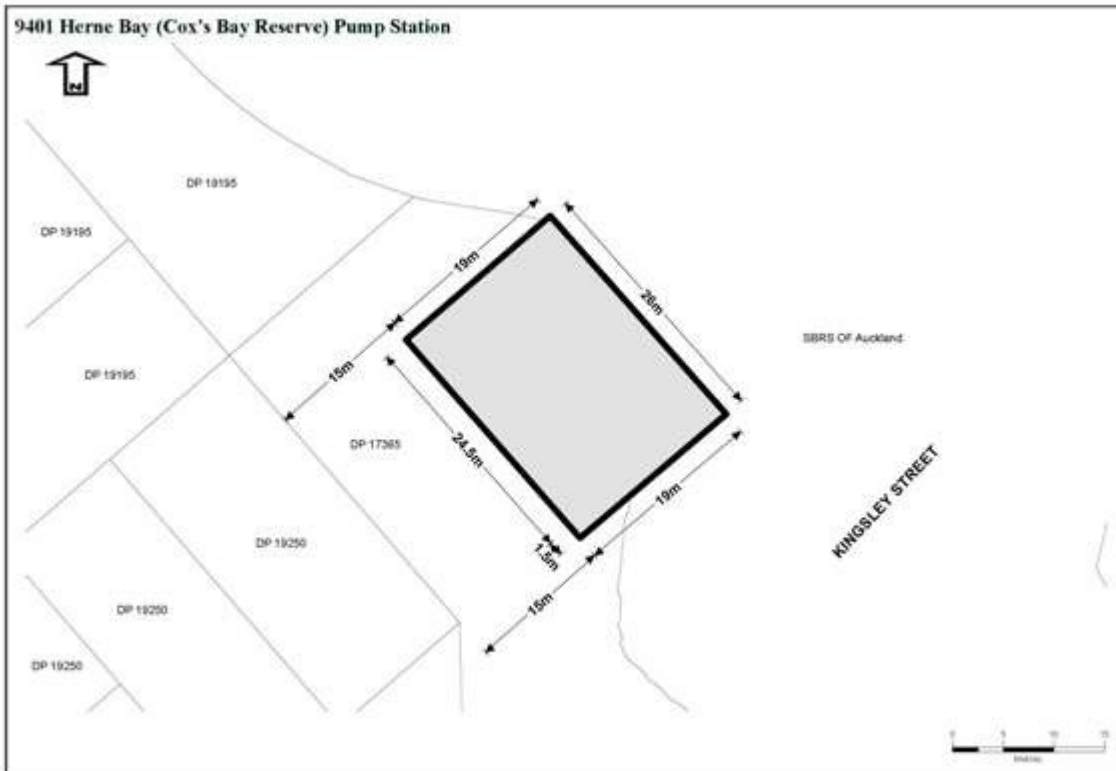
Wastewater purposes - pump station and associated structures.

## Conditions

No conditions.

## Attachments

### Designation Plan - 9401 Herne Bay (Cox's Bay Reserve) Pump Station



### 9402 Farnham Street Pump Station

Designation Number	9402
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Farnham Street, adjoining 106 St Georges Bay Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation B10-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Wastewater purposes - pump station and associated structures.

## Conditions

No conditions.

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Attachments

No attachments.

#### 9403 St Heliers Water Tower

Designation Number	9403
Requiring Authority	Watercare Services Ltd
Location	34A Waimarie Street, St Heliers
Rollover Designation	Yes
Legacy Reference	Designation B16-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water tower.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9404 Harbour View Road Pump Station

Designation Number	9404
Requiring Authority	Watercare Services Ltd
Location	10B Harbour View Road, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9405 Wainui Avenue Pump Station



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Designation Number	9405
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Wainui Avenue, adjoining 76 Wainui Avenue, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9406 Oliver Street Pump Station

Designation Number	9406
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Oliver Street (across from Lynch Street), Point Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9407 Wright Road Pump Station

Designation Number	9407
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Wright Road, adjoining 47 Wright Road, Pt Chevalier
Rollover Designation	Yes

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Legacy Reference	Designation C04-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9408 Ponsonby Reservoirs

Designation Number	9408
Requiring Authority	Watercare Services Ltd
Location	7 Hereford Street, Freemans Bay
Rollover Designation	Yes
Legacy Reference	Designation C07-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures (this designation applies only to water supply easement up to 76.6m above Lands and Survey datum).

### Conditions

No conditions.

### Attachments

No attachments.

### 9409 Khyber Reservoir Complex and Pump Station

Designation Number	9409
Requiring Authority	Watercare Services Ltd
Location	230 - 250 Symonds Street, Grafton
Rollover Designation	Yes
Legacy Reference	Designation C08-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Purpose

Water supply purposes - reservoirs, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9410 Auckland Domain Reservoir

Designation Number	9410
Requiring Authority	Watercare Services Ltd
Location	Auckland Domain, 20 Park Road, Grafton
Rollover Designation	Yes
Legacy Reference	Designation C09-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9412 Shore Road Pump Station

Designation Number	9412
Requiring Authority	Watercare Services Ltd
Location	Thomas Bloodworth Park, 2-30 Shore Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation C10-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

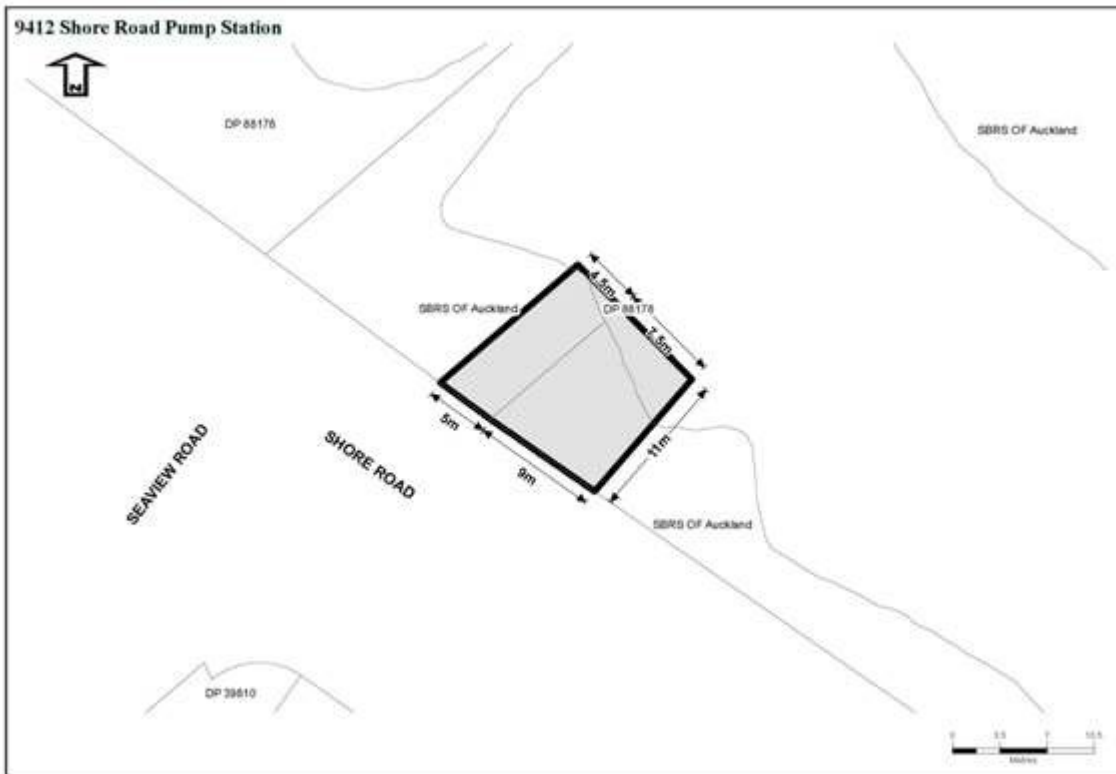
### Conditions

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

No conditions.

### Attachments

#### Designation Plan - 9412 Shore Road Pump Station



#### 9413 Orakei Pump Station

Designation Number	9413
Requiring Authority	Watercare Services Ltd
Location	34-40 Reihana Street, Orakei
Rollover Designation	Yes
Legacy Reference	Designation C12-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

# The Proposed Auckland Unitary Plan (notified 30 September 2013)

## 9414 Kohimarama Pump Station

Designation Number	9414
Requiring Authority	Watercare Services Ltd
Location	Madills Farm, 6 Baddeley Avenue, Kohimarama
Rollover Designation	Yes
Legacy Reference	Designation C14-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

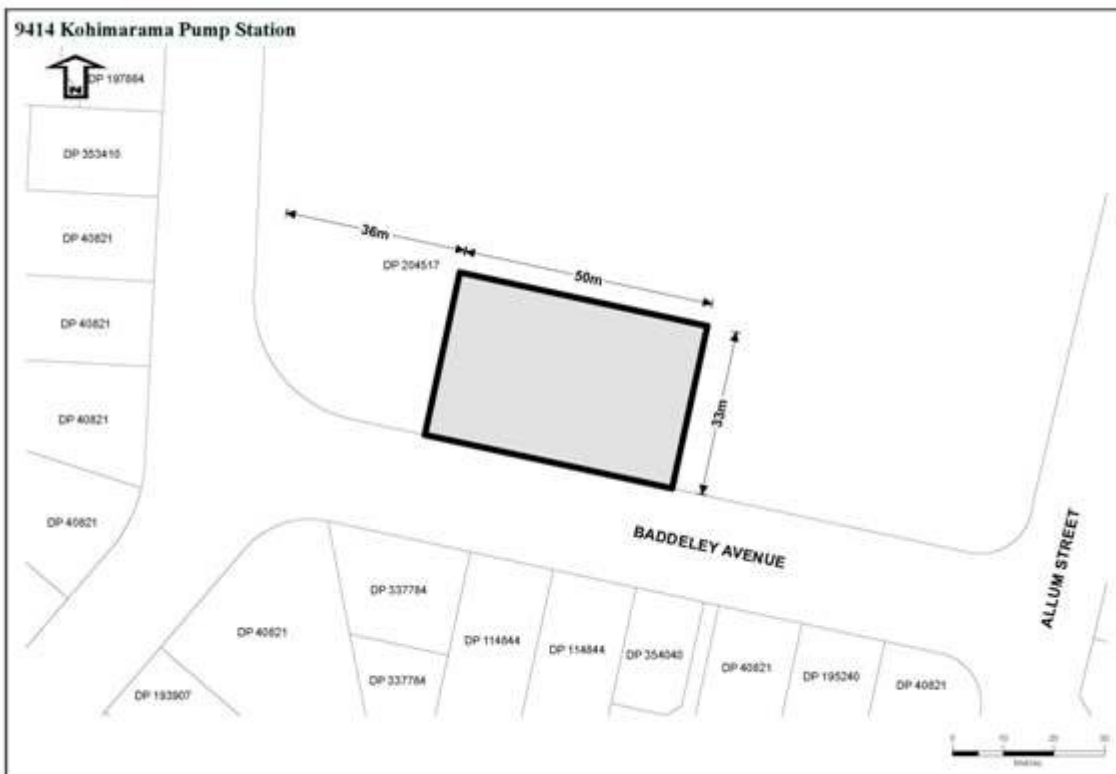
Wastewater purposes - pump station and associated structures.

## Conditions

No conditions.

## Attachments

### Designation Plan - 9414 Kohimarama Pump Station



## 9415 Glendowie Pump Station

Designation Number	9415
Requiring Authority	Watercare Services Ltd

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	Roberta Reserve, 20-22 Roberta Avenue, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation C16-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

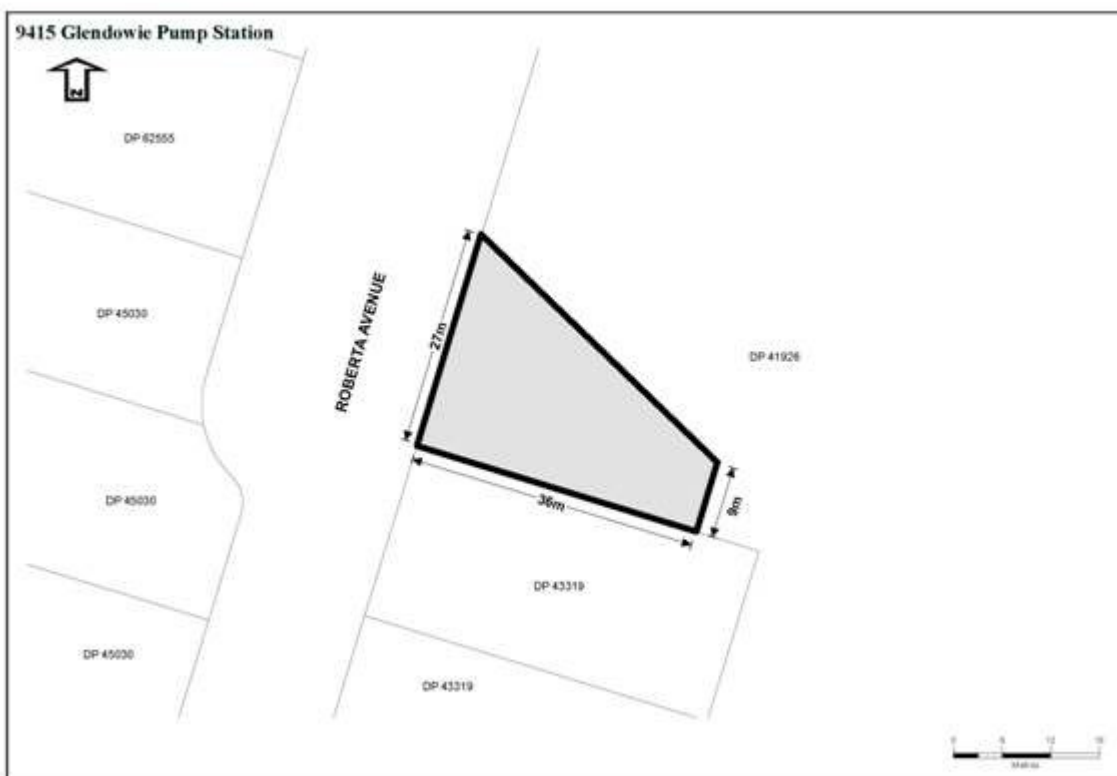
Wastewater purposes - Pump station and associated structures.

### Conditions

No conditions.

### Attachments

#### Designation Plan - 9415 Glendowie Pump Station



#### 9416 Rosebank Siphon Chamber

Designation Number	9416
Requiring Authority	Watercare Services Ltd
Location	32 Saunders Place, Avondale
Rollover Designation	Yes

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation D01-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - siphon chamber.

### Conditions

No conditions.

### Attachments

No attachments.

### 9417 Mt Eden Domain Reservoirs

Designation Number	9417
Requiring Authority	Watercare Services Ltd
Location	Mt Eden Domain, 250 Mt Eden Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation D08-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9418 Mt Hobson Domain High Reservoirs

Designation Number	9418
Requiring Authority	Watercare Services Ltd
Location	Mt Hobson Domain, 181-225 Remuera Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation D10-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9419 St Johns Reservoir

Designation Number	9419
Requiring Authority	Watercare Services Ltd
Location	15-39 College Road, St Johns
Rollover Designation	Yes
Legacy Reference	Designation D14-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9420 Mt Albert Reservoir

Designation Number	9420
Requiring Authority	Watercare Services Ltd
Location	27 La Veta Avenue, Mount Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.



## The Proposed Auckland Unitary Plan (notified 30 September 2013)

### Attachments

No attachments.

#### 9421 Mt Albert Pump Station

Designation Number	9421
Requiring Authority	Watercare Services Ltd
Location	La Veta Avenue (road reserve adjoining No. 13 and 15), Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-28, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station and associated structures

### Conditions

No conditions.

### Attachments

No attachments

#### 9422 Edendale Branch Overflow Apron

Designation Number	9422
Requiring Authority	Watercare Services Ltd
Location	End of Morning Star Place and 30-36 Alberton Avenue (near Roy Clement Walkway), Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E06-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - overflow apron.

### Conditions

No conditions.

### Attachments

No attachment.

#### 9423 Mt Hobson Domain Low Reservoir

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	9423
Requiring Authority	Watercare Services Ltd
Location	181 - 225 Remuera Road (Mt Hobson Domain), Remuera
Rollover Designation	Yes
Legacy Reference	Designation E10-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

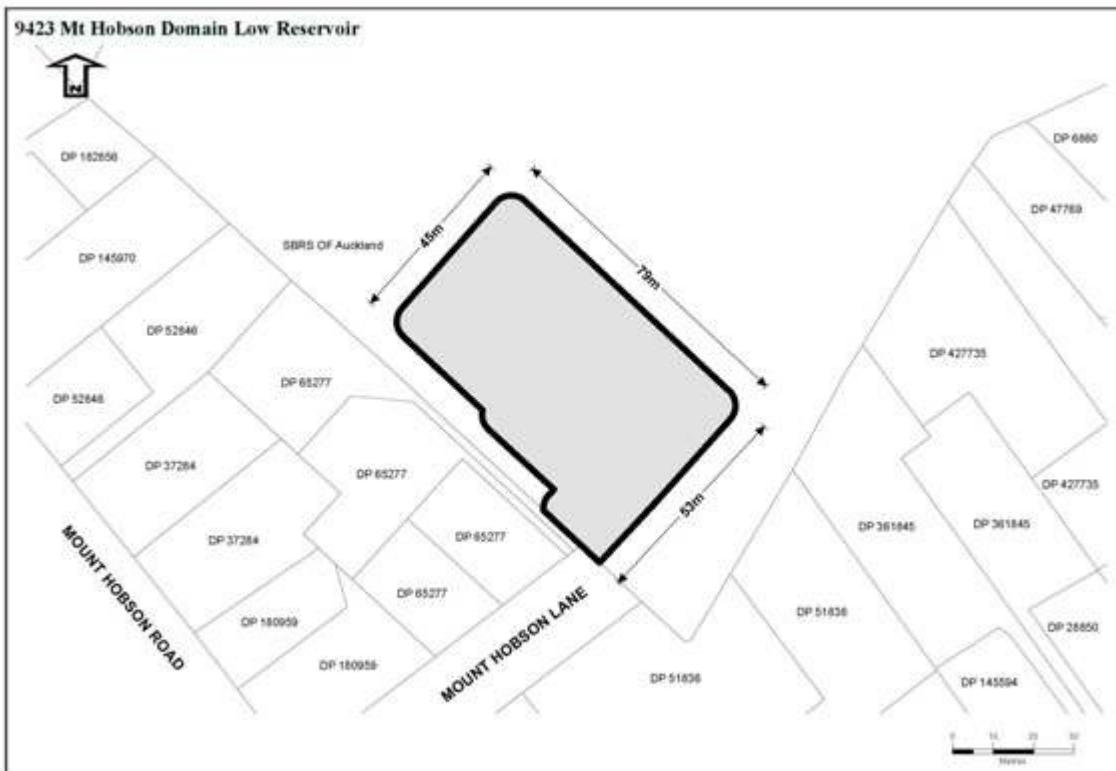
Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

**Designation Plan - 9423 Mt Hobson Domain Low Reservoir**



### 9424 Point England (Maybury Reserve) Pump Station

Designation Number	9424
Requiring Authority	Watercare Services Ltd
Location	Maybury Reserve, 40 Maybury Street, Point England



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Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9427 Three Kings Low Reservoir

Designation Number	9427
Requiring Authority	Watercare Services Ltd
Location	Big King Reserve, 113A Duke Street, Three Kings
Rollover Designation	Yes
Legacy Reference	Designation F07-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

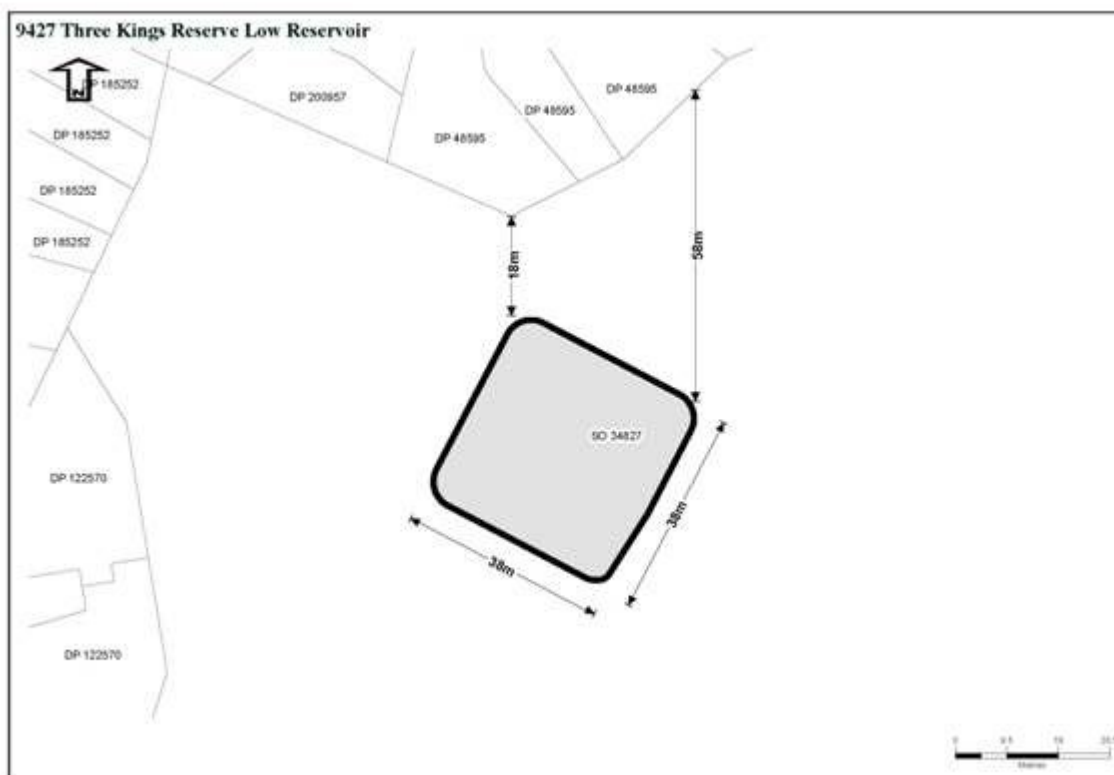
### Conditions

No conditions.

### Attachments

**Designation Plan - 9427 Three Kings Reserve Low Reservoir**

## The Proposed Auckland Unitary Plan (notified 30 September 2013)



### 9428 One Tree Hill Domain Reservoir

Designation Number	9428
Requiring Authority	Watercare Services Ltd
Location	One Tree Hill Domain, 670 Manukau Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F09-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9429 Onehunga High Reservoir

Designation Number	9429
Requiring Authority	Watercare Services Ltd

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	One Tree Hill Domain, 670 Manukau Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F09-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9430 Campbell Road Reservoirs and Pump Station

Designation Number	9430
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9431 Cornwall Park Reservoir

Designation Number	9431
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-15, Auckland Council District Plan (Isthmus Section) 1999

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9432 Onehunga Low Reservoirs and Pump Station

Designation Number	9432
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9433 Panmure Basin Pump Station

Designation Number	9433
Requiring Authority	Watercare Services Ltd
Location	Panmure Basin Foreshore, 100 Ireland Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F14-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.





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No attachments.

### 9435 Mt Wellington Domain Low Reservoir

Designation Number	9435
Requiring Authority	Watercare Services Ltd
Location	Mt Wellington Domain, 32 - 66 Mountain Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation F14-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9436 Avondale (Miranda Reserve) Pump Station

Designation Number	9436
Requiring Authority	Watercare Services Ltd
Location	Miranda Reserve, 32B Miranda Street, Avondale
Rollover Designation	Yes
Legacy Reference	Designation G03-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

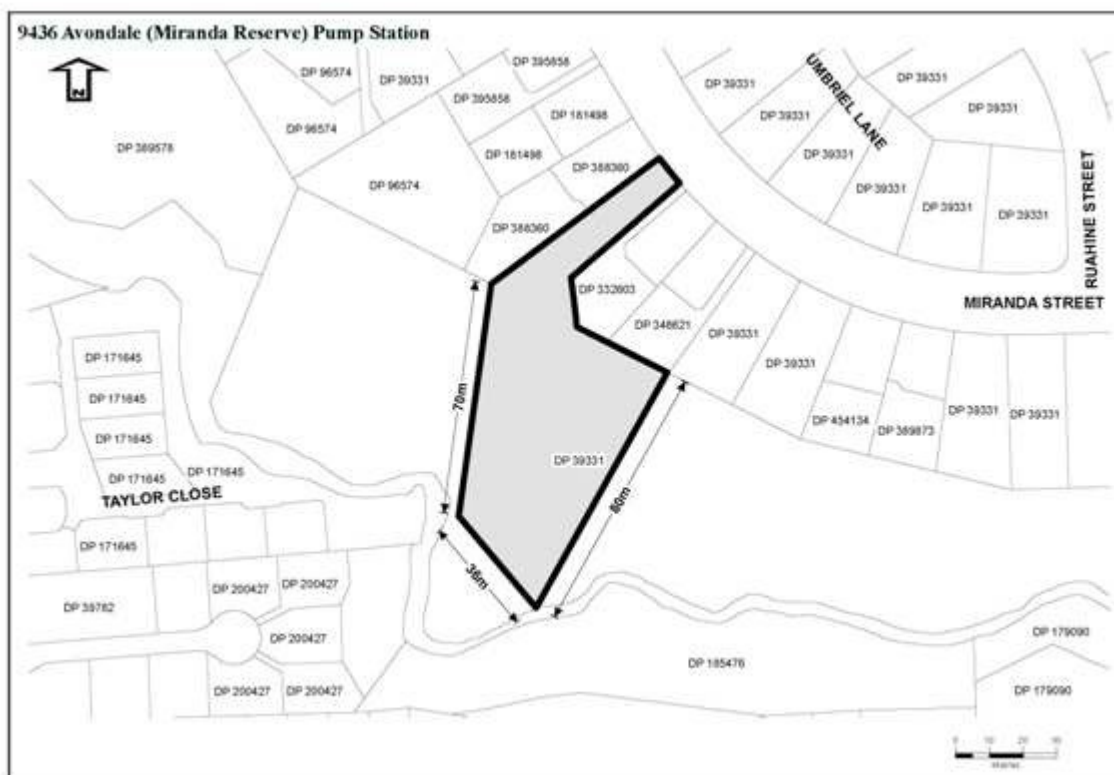
### Conditions

No conditions.

### Attachments

**Designation Plan - 9346 Avondale (Miranda Reserve) Pump Station**

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### 9437 Mt Roskill Reservoir

Designation Number	9437
Requiring Authority	Watercare Services Ltd
Location	Winstone Park, 1109 Dominion Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation G06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9438 Mt Wellington (Bowden Road) Pump Station

Designation Number	9438
Requiring Authority	Watercare Services Ltd

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	20 Bowden Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G14-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9439 Lynfield Pump Station

Designation Number	9439
Requiring Authority	Watercare Services Ltd
Location	19 Commodore Drive, Lynfield
Rollover Designation	Yes
Legacy Reference	Designation H05-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9440 Hillsborough Pump Station

Designation Number	9440
Requiring Authority	Watercare Services Ltd
Location	39 Frederick Street, Hillsborough
Rollover Designation	Yes
Legacy Reference	Designation H08-02, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9441 Onehunga (Alfred Street) Pump Station

Designation Number	9441
Requiring Authority	Watercare Services Ltd
Location	30 and 30A Alfred Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9442 Onehunga Water Treatment Plant

Designation Number	9442
Requiring Authority	Watercare Services Ltd
Location	2 Spring Street and Rowe Street road reserve (adjacent to 2 Spring Street), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

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Water supply purposes - water treatment plant.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9443 Onehunga (Pearce Street) Water Supply Well

Designation Number	9443
Requiring Authority	Watercare Services Ltd
Location	81 - 87 Church Street (corner of Pearce Street and Upper Municipal Place), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - supply well, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9444 Onehunga (Upper Municipal Place) Water Supply Well

Designation Number	9444
Requiring Authority	Watercare Services Ltd
Location	26 Upper Municipal Place, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - supply well, pump station and associated structures.

### Conditions

No conditions.

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### Attachments

No attachments.

#### 9445 Onehunga (Lower Municipal Place) Water Supply Well

Designation Number	9445
Requiring Authority	Watercare Services Ltd
Location	Lower Municipal Place (road reserve adjoining No. 37-39 Selwyn Street), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - supply well, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9446 Bycroft Reserve Water Protection Reserve

Designation Number	9446
Requiring Authority	Watercare Services Ltd
Location	122R and 122S Neilson Street (Bycroft Reserve) and 43 Galway Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse dates)

### Purpose

Water supply purposes - water protection reserve.

### Conditions

1. Establishment of a Water Protection Reserve will be a permitted activity provided that:
  - a. Activities shall be in accordance with the rules for the Open Space 2 zone and the following relevant parts of the District Plan;
  - b. Measures shall be taken to protect the existence of the aquatic moss *Fissidens bertaroi*, indigenous vegetation and wildlife; and
  - c. The Requiring Authority will discuss appropriate measures with the Auckland Council to ensure minimum

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

water flow of 30m<sup>3</sup>/day (0.31 l/sec) in the Bycroft Stream is maintained to protect the wetland.

### Attachments

No attachments.

#### 9447 Hunua No. 4 Watermain

Designation Number	9447
Requiring Authority	Watercare Services Ltd
Location	Onehunga Harbour Road, Onehunga to the corner of Campbell and Rawhiti Roads, Epsom
Rollover Designation	Yes
Legacy Reference	Designation H10-54, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Hunua No.4 Watermain.

### Conditions

#### General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 3 March 2010 and supporting documents being "Hunua No. 4 Watermain Assessment of Effects on the Environment", Volumes 1, 2 and 3, dated 3 March 2010.
2. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:
  - a. review the width of the area designated for the Project;
  - b. identify:
    - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the pipeline and ancillary activities; and
    - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/facilities or other associated structures);
  - c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project; and
  - d. provide as-built plans to the Council's Team Leader, Compliance and Monitoring, Resource Consents.
3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated to ensure that a Project contact person is available by telephone 24 hours per day / seven days per week during the construction phase.
4. The designation shall lapse if not given effect within 10 years from the date on which it is included in the

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

District Plan.

5. Those stages of the works within the designation and previously approved under separate resource consent are exempt from the following conditions 6-48, namely:

Auckland City Council Resource Consent LUC/2009/1080

Auckland City Council Resource Consent LUC/2009/5543

### Outline Plan of Works

6. Except as provided for in Condition 7, the Requiring Authority shall submit an OPW for the Project or for each Project stage in accordance with Section 176A of the RMA.

7. An OPW need not be submitted if the Council has waived the requirement for an OPW in accordance with Section 176A (2) (c) of the RMA.

8. The OPW shall include the following Management Plans for the relevant stage(s) of the Project: Construction Management Plan ("CMP"); Construction Noise and Vibration Management Plan ("CNVMP") and Network Utility Management Plan ("NUMP").

### Construction

9. The Requiring Authority shall prepare a Construction Management Plan or Plans for the Project overall or for each of the relevant Project stages. The purpose of the CMPs is to set out the detailed management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The CMPs shall be provided to the Council with the relevant OPW for the stage that they relate to.

10. The CMPs required by Condition 9 shall include specific details relating to the management of all construction activities associated with the Project or relevant Project stage, including:

- a. Details of the site or project manager and the construction liaison person identified in Condition 3, including their contact details (phone, facsimile (if any), postal address, email address);
- b. An outline construction programme, indicating in particular the likely time periods for road closures and anticipated traffic diversion effects;
- c. The hours of construction;
- d. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
- e. Location of site infrastructure including site offices, site amenities, contractors yards, site access, equipment unloading and storage areas, contractor car parking, and security;
- f. Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site;
- g. Procedures for the protection of significant trees and other vegetation;
- h. Procedures for ensuring that residents, road users and businesses in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration and effects of the works;
- i. Means of providing for the health and safety of the general public;
- j. Procedures for responding to complaints about construction activities;
- k. Procedures for management of traffic incidents within the works area;
- l. Procedures for the management of works which directly affect or are located in close proximity to existing network utility services;
- m. Construction noise and vibration management;
- n. Protocols for the management of ground breaking activities along the pipeline route to manage effects on the environment and human health should any contamination issues be encountered;
- o. Means of avoiding damage to the stone walls at the entry to Maungakiekie / Cornwall Park during construction on Campbell Road;



## The Proposed Auckland Unitary Plan (notified 30 September 2013)

- p. Procedures for the refuelling of plant and equipment; and
- q. Engineering design and construction drawings.

11. The CMP shall be implemented and maintained throughout the entire construction period for the Project or relevant Project stage to manage potential adverse effects arising from construction activities to the greatest practicable extent.

### **Network Utilities Management Plan**

12. Notwithstanding anything in Condition 7, the Requiring Authority shall prepare and implement a NUMP so that design and construction of the Project adequately takes account of and includes measures for the safety, integrity, protection or, where necessary, relocation of existing network utilities.

13. A copy of the NUMP shall be provided to the Council's Team Leader Compliance and Monitoring, Resource Consents prior to construction commencing.

14. The NUMP shall include, but not be limited to, the following matters:

- a. Provisions for liaison with all network utility operators and other infrastructure providers whose assets are directly affected by or located in close proximity to the Project;
- b. Provisions to enable other utility operators to access existing infrastructure for maintenance at all reasonable times, or emergency works at all times, while construction activities associated with the Project are occurring; and
- c. Provisions to ensure that all construction personnel, including contractors, are aware of the presence and location of the various utility services which traverse, or are in close proximity to the Project, and the restrictions in place in relation to those services. This shall include plans identifying the service locations and appropriate physical indicators on the ground showing specific surveyed locations.

15. The NUMP shall be prepared in consultation with the relevant network utility operators and other infrastructure providers and, in addition to the matters listed in condition 14, shall address the following matters in respect of works or activities in proximity to the relevant utility services:

- a. Measures to identify the location of existing utility services accurately;
- b. Measures for protection, relocation and / or reinstatement of network utility infrastructure;
- c. Measures to provide for the safe operation of plant and equipment and the safety of workers in proximity to live utility services;
- d. Measures to manage potential induction hazards;
- e. Procedures to manage dust and any other material potentially able to cause damage to overhead transmission lines;
- f. Earthworks management, depth and extent of earthworks;
- g. Vibration management; and
- h. Incident emergency management.

16. The Requiring Authority shall consult with, and provide detailed design and construction plans and specifications to the New Zealand Refining Company Limited, Wiri Oil Services Limited and Transpower at least 20 working days prior to the intended commencement of any physical construction works that have the potential to come within 12 metres of their assets.

17. In the development of the NUMP, the Requiring Authority shall also investigate opportunities for other network utility operators or infrastructure providers, where practicable, to undertake upgrading works at the same time as construction of the Project.

18. The NUMP may be prepared as a standalone management plan or may form part of the Construction Management Plan, as determined by the Requiring Authority.

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### Construction Noise and Vibration

19. A CNVMP shall be prepared for the Project or relevant Project stage, by a suitably qualified expert.

20. The CNVMP shall include specific details relating to the control of noise and vibration associated with all Project works. The CNVMP shall be formulated and the works implemented to achieve, as far as practicable, compliance with the requirements of:

- a. NZS6803: 1999 Acoustics - Construction Noise; and
- b. German Standard DIN 4150-3:1999 Structural Vibration - Effects of Vibration on Structures.

21. The CNVMP shall, as a minimum, address the following aspects with regard to construction noise:

- a. Noise sources, including machinery, equipment and construction techniques to be used;
- b. Predicted construction noise levels;
- c. Hours of operation, including times and days when noisy construction work and blasting would occur;
- d. Construction noise criteria for specific areas and sensitive receivers such as schools, child care centres, medical or aged care facilities;
- e. The identification of activities and locations that will require the design of noise mitigation measures such as temporary barriers or enclosures and the details of such measures where the Project noise criteria are predicted to be exceeded;
- f. The measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;
- g. Development of alternative management strategies where full compliance with NZS6803: 1999 cannot be achieved;
- h. Methods for monitoring and reporting on construction noise; and
- i. Methods for receiving and responding to complaints about construction noise.

22. The CNVMP shall also describe measures adopted to meet the requirements of German Standard DIN4150, and as a minimum shall address the following aspects:

- a. Vibration sources, including machinery, equipment and construction techniques to be used;
- b. Provision for the determination of buildings that require pre-condition surveys to be re-evaluated following test blasts at the commencement of blasting;
- c. Preparation of building condition reports on 'at risk' buildings prior to, during and after completion of works, where for the purposes of this condition an 'at risk' building is one at which the levels in the German Standard DIN4150 are likely to be approached or exceeded;
- d. Provision for the use of building condition surveys to determine the sensitivity of the building(s) on the adjacent sites to ground movement in terms of the Line 1-3 criteria of the DIN standard;
- e. Identification of any particularly sensitive activities in the vicinity of the pipeline route (e.g. commercial activity using sensitive equipment such as radiography or mass-spectrometry);
- f. Alternative management and mitigation strategies where compliance with German Standard DIN 4150-3:1999 cannot be achieved;
- g. The measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders;
- h. Methods for monitoring and reporting on construction vibration; and
- i. Methods for receiving and responding to complaints about construction vibration.

23. The CNVMP shall be implemented and maintained throughout the entire construction period and shall be updated when necessary.

### Roading and Traffic Management

24. The Requiring Authority shall undertake a condition survey of the carriageway along the designated route and submit it to the Council's Team Leader Compliance and Monitoring, Resource Consents prior to the commencement of construction. The condition survey shall include but not be limited to a photographic or video record of the carriageway along the designated route.

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

25. An overarching Traffic Management Plan ("TMP") shall be prepared for the Project. The TMP should set out general processes for the submission of the appropriate Site Specific Traffic Management Plan ("SSTMP") to the Council and should address the following:

- a. The staging of the works including details of any proposals to work on multiple sections of the route concurrently;
- b. General methodology for determining when works will be undertaken on various road types (e.g. arterials, local roads etc);
- c. General methodology for selecting detour routes; and
- d. Identification of any potential road closures and provision for emergency vehicles.

26. The TMP shall be provided to the Council at least one month prior to commencement of the Project or relevant Project stage.

27. SSTMPs shall be prepared for the Project or relevant Project stage, by a suitably qualified person. SSTMPs are to be provided to the Council with an application for the required Road Opening Notice (RON) prior to any work commencing on the relevant Project stage to which the SSTMP relates.

28. SSTMPs shall be provided to the Council no less than 15 working days prior to the commencement of construction.

29. SSTMPs shall describe the measures that will be taken to avoid, remedy or mitigate the traffic effects associated with construction of the Project or relevant Project stage. In particular, SSTMPs shall describe:

- a. Traffic management measures to mitigate impact on traffic capacity at peak hours during weekdays and weekends;
- b. Where road closures are deemed necessary by the Council, details of any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- c. The capacity of proposed detour route(s) and their sufficiency to carry the additional traffic volumes and any safety issues associated with the detour route, including mitigation measures where required;
- d. Specific traffic management plans across arterial intersections;
- e. Provisions for safe and efficient access of construction vehicles and methods to manage the effects of the delivery of construction material, plant and machinery, including the potential effects of High Sided Vehicles (HSV) and construction machinery on trees that overhang the designation;
- f. Measures to maintain, where practicable, existing vehicle access to property in order to enable, as far as practicable, normal operations on the property to continue, or to provide alternative access arrangements;
- g. Measures to maintain, where practicable, pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Such access shall be safe, clearly identifiable and seek to provide the shortest and most convenient detours where such detours are necessary;
- h. Proposed monitoring to measure the impact of the works on traffic and the impact of the traffic management measures;
- i. Definition of the proposed construction zone and area available for traffic; and the location of barriers and fences to protect the construction site;
- j. Measures to maintain the normal day-to-day operations of public transport providers, or proposed alternatives where changes are required;
- k. Any temporary changes in speed limit;
- l. Provision of safe and efficient access of construction vehicles to and from the construction site, including the movement of construction traffic on local roads; and
- m. The measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.

30. SSTMPs shall be prepared following consultation with the following key stakeholders:

- a. road controlling authorities;

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- b. emergency services (police, fire and ambulance);
- c. local business associations;
- d. Auckland Regional Transport Authority (or its successor) and any bus operators which operate scheduled services along the route; and
- e. schools and childcare centres with frontage or access to roads where works are taking place.

31. The Requiring Authority shall provide, where practicable, two temporary traffic lanes adjacent to the construction works on roads carrying more than 5000 vehicles per day. In this respect the construction equipment and process shall be modified where practicable to achieve the lane provisions required. In addition, details of the hours of work for works on or adjacent to these roads shall be provided.

32. All TMPs (including SSTMPs) shall be consistent with the New Zealand Transport Agency Code of Practice for Temporary Traffic Management which applies at the time of construction.

33. All TMPs (including SSTMPs) shall be subject to an independent safety and traffic operational audit prior to being submitted to the Council.

34. As soon as practicable following completion of construction, the Requiring Authority shall:

- a. repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by the Requiring Authority; and
- b. re-grass areas (including berms) that were previously grassed.

### **Works Within Road Reserve**

35. On completion of construction within Council roads and State Highways, all works shall be reinstated in accordance with the Code of Practice for Working in Roads which applies at the date that the contract for the relevant Project stage is awarded, unless otherwise agreed between the Requiring Authority and the road controlling authority.

36. A completion report for each Project Stage shall be submitted to the Council detailing the reinstatement works on all public roads including Quality Assurance records.

### **Construction Hours**

37. Construction hours shall be generally as follows, except where work is necessary outside the specified days or hours for the purposes specified in condition 38a.-e. below.

Monday to Friday: 7am to 9pm;

Saturday: 8am to 5 pm;

Sundays and public holidays: No Work.

38. Purposes for which work may occur outside of the specified days or hours are:

- a. where work is specifically required to be planned to be carried out at low traffic times (for example, excavation across busy intersections);
- b. for delivery of large equipment;
- c. in cases of emergency;
- d. for securing of the site or removing a traffic hazard; and/or
- e. for any other reason specified in the CMP or SSTMP.

### **Community Information and Liaison**

39. The Requiring Authority shall prepare a Communications Plan ("CP") setting out:

- a. The method/s of consultation and liaison with key stakeholders and the owners/occupiers of neighbouring properties regarding the likely timing and duration of works, alternative routes, access to properties and any proposed alterations to public transport services;

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- b. Details of prior consultation or community liaison undertaken with the owners/occupiers of neighbouring properties, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road or lane closures, potential diversions and delays, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise; and
- c. Full contact details for the person appointed to manage the public information system and be the point of contact for related inquiries.

40. The Requiring Authority shall submit the CP to the Council at least one (1) month prior to construction commencing on any defined stage.

### **Tree Management**

41. When providing details as to how impacts of construction on trees and vegetation will be managed in the CMP, as required by condition 10, the following shall apply:

- a. The Requiring Authority's arborist shall provide an updated accurate list of all trees affected. This shall include a description of potential root loss, pruning, proximity of excavations and a brief statement on proposed outcome. The list shall also include protection status and specific tree protection requirements;
- b. All excavation work within the dripline or root zone of any tree in a Council street or Council reserve, any scheduled tree or any tree that would otherwise be generally protected under the District Plan and is located upon private land (and extends over the work site), shall be supervised by a Council approved arborist;
- c. Any root or limb with a diameter in excess of 35mm where severance is required shall be supervised by the approved arborist in accordance for the long-term health and vitality or stability of the subject tree(s);
- d. Any scheduled tree or any tree that would otherwise be generally protected under the District Plan and considered by the Requiring Authority's arborist to be at risk of damage from the construction works, adjacent to construction areas, will be fenced off to minimise and/or avoid any damage to the rootplate area of the subject tree;
- e. Where a Council owned tree has been damaged and a Council arborist assesses that remedial work is necessary, the works shall be undertaken by a competent Council approved arborist and the Requiring Authority shall be directly liable for all remedial costs. Should a Council owned tree be damaged beyond repair or destroyed then the Requiring Authority shall be directly liable for all costs relating to tree removal and replacement planting; and
- f. Where replacement planting is required to remediate the loss of a Council owned tree, the species and location of the replacement tree shall be approved by the Council.

42. Following the completion of construction the Requiring Authority shall provide a monitoring report to the Council that lists all trees, in accordance with condition 39(a), that were subject to any cutting or damage of the roots, trunk, or canopy to an extent deemed more than minor by the Requiring Authority's arborist.

### **Archaeology and Heritage**

43. In the event that a lava cave is discovered during construction of the pipeline, the Council's Heritage Team shall be immediately notified and, subject to compliance with traffic management and health and safety requirements, provided with an opportunity to inspect the cave. The Requiring Authority shall keep photographic or other records of the extent of any lava cave discovered during construction of the Project and shall provide GPS coordinates for the discovery.

44. Some caves in this area have been found to contain bones. Should any cave encountered have bones present, then the cave is to be additionally regarded as an archaeological site and archaeological protocols are to be followed.

45. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed by the Requiring Authority in consultation with tangata whenua and the New Zealand Historic Places Trust prior to construction.

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46. Subject to Condition 44, if any archaeological sites including human remains are exposed during site works then the following procedures shall apply:

- a. immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. the Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. the Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

47. Condition 43 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact tangata whenua and the New Zealand Police.

### Contamination

48. The Requiring Authority shall notify the Team Leader Compliance and Monitoring, Resource Consents at the Council immediately on identification of any contamination found along the pipeline route which was not identified in the reports submitted in support of the Notice of Requirement, including contaminated soil, surface water or groundwater. Any contamination that is discovered shall be investigated, remediated, disposed of and reported on (including validation) in accordance with the Ministry for the Environment Contaminated Land Management Guidelines and the relevant guidelines addressing contaminants from specific industries or activities.

### Site Reinstatement

49. When contractors' yards or other temporary works areas are no longer required for any construction or operational purpose, site offices, storage and equipment sheds, fencing and hard stand areas shall be removed and the area reinstated to at least the standard which existed prior to commencement of works.

## Attachments

No attachments.

### 9448 Onehunga (Miami Parade) Pump Station

Designation Number	9448
Requiring Authority	Watercare Services Ltd
Location	5A Miami Parade, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H11-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Wastewater purposes - pump station and associated structures.

## Conditions

No conditions.

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### Attachments

No attachments.

#### 9449 Te Papapa (Mt Smart) Pump Station

Designation Number	9449
Requiring Authority	Watercare Services Ltd
Location	343 Neilson Street, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H12-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9450 Eastern Interceptor Siphon Chamber

Designation Number	9450
Requiring Authority	Watercare Services Ltd
Location	1018A-C Great South Road, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation H13-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - siphon chamber, pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9451 Mt Wellington (Bell Avenue) Pump Station



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Designation Number	9451
Requiring Authority	Watercare Services Ltd
Location	15 - 21 and 23A - 23B Bell Avenue, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation H13-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9452 Challenge Siphon Chamber (Salesyards Road)

Designation Number	9452
Requiring Authority	Watercare Services Ld
Location	23A-B Saleyards Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I13-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - siphon chamber and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9453 Otahuhu (Salesyards Road) Pump Station

Designation Number	9453
Requiring Authority	Watercare Services Ltd
Location	20 Saleyards Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I13-06, Auckland Council District Plan (Isthmus Section) 1999



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Lapse Date	Given effect to (i.e. no lapse date)
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### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9454 Otahuhu (Luke Street) Pump Station

Designation Number	9454
Requiring Authority	Watercare Services Ltd
Location	Luke Street East (road reserve adjoining No. 137), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I15-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9455 Otahuhu (Portage Road) Pump Station

Designation Number	9455
Requiring Authority	Watercare Services Ltd
Location	Portage Road (road reserve adjoining No. 4-12), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

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No conditions.

### Attachments

No attachments.

#### 9456 Cracroft Street Water Supply Chamber

Designation Number	9456
Requiring Authority	Watercare Services Ltd
Location	13 Cracroft Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - valve chamber and associated structures

### Conditions

No conditions.

### Attachments

No attachments.

#### 9457 Constitution Hill Pump Station

Designation Number	9457
Requiring Authority	Watercare Services Ltd
Location	2 Alten Road and Churchill Street (road reserve) and Constitution Hill (road reserve), Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 292, Auckland Council District Plan (Central Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

Existing pump station and associated structure including a control and odour filter building. The station was built in 1920. The purpose of the pump station is to pump the wastewater collected from the area around Beach Road and Custom Street to the Orakei Main Sewer where it crosses Stanley Street. The work will include operation, maintenance, upgrading and refurbishing of the station and associated structures and any necessary temporary works.

### Conditions

## The Proposed Auckland Unitary Plan (notified 30 September 2013)

No conditions.

### Attachments

No attachments.

#### 9458 Fanshawe Street Pump Station

Designation Number	9458
Requiring Authority	Watercare Services Ltd
Location	Hardinge Street (road reserve between 120 and 136 -142 Fanshawe Street), Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 293, Auckland Council District Plan (Central Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### South

#### Designation Schedule - Watercare Services Ltd (3/3)

### South

Number	Purpose	Location
9500	Water supply purposes - water catchment headworks land	Cosseys Road and 201 Moumoukai Hill Road, Clevedon
9501	Water supply purposes - headworks service land	201 Moumoukai Hill Road, Clevedon
9502	Wastewater purposes - Mangere Wastewater Treatment Plant	500 Island Road, Mangere Bridge
9503	Wastewater purposes - Area 1A - wastewater treatment purposes; Area 1B and 2 - buffer area and application of biosolids from wastewater treatment plant	Area 1 Ascot Road North; Area 2 Greenwood Road, Mangere
9504	Wastewater purposes - pipelines, chambers and associated structures	4W Wilta Court, Mangere
9505	Water supply purposes - pump station and associated structures	58 Murphys Road, Flat Bush
9506	Water supply purposes - reservoirs, pump station and associated structures	396B, 390V and part of 394B Redoubt Road, Manukau

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9507	Water supply purposes - reservoir and associated structures	477A Redoubt Road (Pt Lot 1 DP 24865 and SO 60815), Manukau
9508	Water supply purposes - reservoirs, pump stations and associated structures	38 Mill Road, Alfriston
9509	Water supply purposes - reservoir and associated structures	95 Mill Road, Alfriston
9510	Water supply purposes - pump station, reservoir and associated structures	28 Alfriston Ardmore Road, Alfriston
9511	Wastewater purposes and Ambury Regional Park	66 Wellesley Road (Ambury Regional Park), Mangere Bridge
9512	Water supply purposes - reservoir and associated structures	17A and part of 17R Gracechurch Drive, East Tamaki
9513	Water supply purposes - Ardmore Water Treatment Plant	250 Creightons Road, Clevedon
9514	Wastewater purposes - pump station and associated structures	27 Diversey Lane, Manukau Central
9515	Wastewater purposes - pump station and associated structures	51 Hillside Road, Papatoetoe
9516	Wastewater purposes - pump station and associated structures	4R and 6R Granger Road (Rangitoto View Road Esplanade Reserve), Howick
9517	Wastewater purposes - pump station and associated structures	140 and part of 100 Hospital Road, Otahuhu
9518	Wastewater purposes - pump station and associated structures	39R Wattle Farm Road, Wattle Downs
9519	Wastewater purposes - pump station and associated structures	283R Mahai Road (Pt Lot 1 DP 25887 and SO 46795), Manurewa
9520	Wastewater purposes - pump station and associated structures	51 Ben Lomond Crescent, Pakuranga Heights
9521	Wastewater purposes - pump station and associated structures	2A Vivian Wilson Drive and part of 150 Bucklands Beach Road, Bucklands Beach
9522	Wastewater purposes - pump station and associated structures	207 and part of 201 Highbrook Drive, East Tamaki
9523	Wastewater purposes - pump station and associated structures	137 Gadsby Road and road reserve, Favona
9524	Wastewater purposes - pump station and associated structures	84R Wymondley Road and Allot 295 Parish of Manurewa (Billington Esplanade Reserve), Otara
9525	Wastewater purposes - pump Station and associated structures	103R Prince Regent Drive (Wakaaranga Creek Reserve), Half Moon Bay
9526	Wastewater purposes - pump station and associated structures	13 and 15R Milen Avenue, Pakuranga
9527	Wastewater purposes - pump station and associated structures	7D Kiwi Esplanade, Mangere Bridge

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9528	Wastewater purposes - pipeline and associated structures	5 St Leger Close to 30 Matarangi Road, East Tamaki
9529	Wastewater purposes - Southwestern Interceptor	257 Roscommon Road, Manurewa to Jimmy Ward Crescent (400 George Bolt Memorial Drive), Mangere
9530	Wastewater purposes - pump station and associated structures	107 Golfland Drive (Corta Bella Place Reserve), Howick
9531	Wastewater purposes - pump station and associated structures	54R Pitt Avenue, Weymouth
9532	Wastewater purposes - pump station and associated structures	18R Hazards Road and 29R Greers Road, Weymouth
9533	Wastewater purposes - pump station and associated structures	Browns Road (unformed road reserve adjoining 257 Roscommon Road), Clendon Park
9534	Wastewater purposes - pump station and associated structures	2A and 4 Hinau Street, and 6R Walmsley Road (Tarata Creek Reserve), Mangere
9535	Wastewater purposes - pump station and associated structures	Te Puru Park, 954R Whitford-Maraetai Road, Maraetai
9536	Water supply purposes - reservoir and associated structures	37 Walpole Avenue, Manurewa
9537	Wastewater purposes - Beachlands Wastewater Treatment Plant	100 Okaroro Road, Beachlands
9538	Wastewater purposes - Tamaki South East Branch Sewer and wastewater pump stations	Ormiston Road (road reserve adjoining No. 123), East Tamaki to Murphys Road (road reserve adjoining No. 251), Flat Bush
9539	Wastewater purposes - Kawakawa Bay Wastewater Treatment Plant	123 Kawakawa-Orere Road, Kawakawa Bay
9540	Water supply purposes - Hunua No. 4 Watermain	396B Redoubt Road to Mangere Bridge, Hugh Watt Drive, Mangere
9541	Water supply purposes - Cosseys Dam	Hunua Ranges
9542	Water supply purposes - Wairoa Dam	Hunua Ranges
9543	Water supply purposes - headworks service land	Hunua Ranges
9544	Wastewater purposes - Waiuku Wastewater Treatment Plant	Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681), Glenbrook
9545	Wastewater purposes - Clarks Beach Wastewater Treatment Plant	Torkar Road and part of 100 Stevenson Road, Clarks Beach
9546	Wastewater purposes - Bombay Wastewater Treatment Plant	Barber Road (Lot 10 DP 134365), Bombay Township
9547	Wastewater purposes - Kingseat Wastewater Treatment Plant	16A Buchanan Road, Kingseat
9548	Water supply purposes - reservoir and associated structures	End of Totara Avenue (Rosesville Park), Pukekohe
9549	Water supply purposes - reservoirs and associated structures	176 Kitchener Road, Pukekohe

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9550	Water supply purposes - Pukekohe Water Reservoir	Anzac Road (Lot 1 DP 85420), Pukekohe
9551	Water supply purposes - reservoir and associated structures	327-339 Anzac Road (Pukekohe Hill Reserve), Pukekohe
9552	Water supply purposes - reservoir and associated structures	Leaming Place (Lot 145 DP 90274 and part of Lot 415 DP 90274), Clarks Beach
9553	Water supply purposes - reservoir and associated structures	Part of 129 Wharf Road (lot 2 DP 458020), Waiau Beach
9554	Water supply purposes - reservoir and associated structures	40 Ronald Avenue (Glenbrook Beach Recreation Reserve), Glenbrook
9555	Water supply purposes - reservoir and associated structures	6 Carter Road, Pukekohe
9556	Water supply purposes - reservoir and associated structures	518 Buckland Road, Buckland
9557	Water supply purposes - reservoirs and associated structures	Corner Paparata Road and Barber Road (road reserve), and part of Sec 1 SO 66791, Bombay
9558	Water supply purposes - reservoir and associated structures	83 Victoria Avenue (Lot 2 DP 134302), Waiuku
9559	Water supply purposes - hydraulic balancing tank	Corner Rutherford Road and Runciman Road (part of Lot 1 DP 201876), Pukekohe East
9560	Water supply purposes - Hays Creek Dam	120 Hays Creek Road and 902 Hunua Road, Drury
9561	Water supply purposes - reservoir, pump station and associated structures	279 Kaipara Road, Papakura
9562	Water supply purposes - water treatment plant and associated structures	241 Hunua Road, Drury
9563	Water supply purposes	251 Creightons Road, Ardmore
9564	Water supply purposes	Part of 2 and 9 Jones Road (corner Creighton and Jones Road), Drury
9565	Wastewater purposes - pump station and associated structures	Part of 152 and 158 Park Estate Road, Hingaia
9566	Water supply purposes - pump station and associated structures	103 Flanagan Road, Drury
9567	Wastewater purposes - Puketutu Island rehabilitation	600 Island Road (Puketutu Island), Mangere

### 9500 Cosseys Dam

Designation Number	9500
Requiring Authority	Watercare Services Ltd.
Location	Cosseys Road and 201 Moumoukai Hill Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 142, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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### Purpose

Water supply purposes - water catchment headworks land.

### Conditions

No conditions.

### Attachments

No attachments.

### 9501 Headworks Service Lands (Cosseys)

Designation Number	9501
Requiring Authority	Watercare Services Ltd
Location	201 Moumoukai Hill Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 143, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - headworks service lands.

### Conditions

No conditions.

### Attachments

No attachment.

### 9502 Mangere Wastewater Treatment Plant

Designation Number	9502
Requiring Authority	Watercare Services Ltd
Location	500 Island Road, Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 144A, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Mangere Wastewater Treatment Plant.

### Conditions

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### 1. Introduction

a. The Mangere Wastewater Treatment Plant ("MWTP") is an essential regional facility serving the needs of the Auckland Metropolitan area (with the exception of the North Shore). Under ARC Resource Consent No. 9610853 the MWTP is "capped" meaning that the quantity of wastewater to be discharged by the MWTP is limited to "1,209,600 cubic metres per day at a design maximum discharge rate of 25 cubic metres per second provided that the mean daily flow of treated effluent discharged over any one year period shall not exceed 390,000 cubic metres per day at a design maximum discharge rate of 25 cubic metres per second".

b. The MWTP is to be upgraded to enhance the environmental performance of the MWTP, particularly in relation to odour, to address social and cultural considerations and, as a result of population growth, to accommodate increasing volumes of wastewater requiring treatment in the region.

c. Odour problems have occurred at various times since the plant was commissioned and were the subject of legal proceedings commenced by Manukau City Council in 1993. By consent of the parties a Planning Tribunal enforcement order was issued to minimise the discharge of odours by October 1995. The order covered all major odour sources except the oxidation ponds. This work has now been successfully completed. The order requires that the MWTP be upgraded in accordance with certain resource consents obtained from the Auckland Regional Council for that purpose, and that the upgraded plant be fully operational by 1 October 2003.

d. The existing MWTP is designated for "Watercare Services Ltd: Wastewater Treatment Plant". The upgrading of the MWTP will take place within this designation ("main site"). However, two other areas of land adjacent to the existing MWTP have also been designated. Area 1A to the south of the existing MWTP has been designated "Wastewater treatment purposes" to make appropriate provision for the construction, operation and maintenance of future wastewater facilities, establishment of an odour buffer area and to allow for the application of biosolids to the land, and the use of sludge in landscaping and land forming. Area 1B to the south of the existing MWTP and Area 2 have been designated as odour buffer areas and to allow the application of biosolids to the land.

e. A number of resource consents administered by the Auckland Regional Council ("ARC") regulate the discharges to air, land, and water from the MWTP and regulate aspects of the upgrading works including earthworks and coastal permits. Conditions (or any subsequent modifications of these conditions) are contained in the following resource consents: 9610850 Discharge contaminants to air 9611016 Diversion of inner coastal water into the area occupied by the oxidation ponds H/10852 Dredging of seabed 9610853 Discharge of treated effluent 9610854 Discharge of stormwater 9610855 Temporary pond discharges 9610857 Divert groundwater and surface water SC10858 Sediment control 9610859 Discharge of contaminants onto and into ground These consents contain requirements for various management plans to be approved by the Auckland Regional Council. In addition, the written approval of the Council (delegated to the Director Environmental Management, Manukau City Council) is required in relation to the Coastal and Foreshore Restoration Plan and to those aspects of the Outline Management Plan which concern the Coastal and Foreshore Management Plan, or which are within the jurisdiction of Manukau City Council under the Resource Management Act 1991.

### Definition of Biosolids

For the purposes of this designation, biosolids are defined as dewatered, stabilised sewage sludge that satisfies the standards of Ministry of Health document "Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land — 1992"

### 2. Resource Management Issues

#### Issue 1 Wastewater needs to be managed, treated and discharged in an efficient and sustainable manner.

The social and economic well-being and the health and safety of Manukau and the Auckland Region, are dependent on the availability and efficient operation of central infrastructural services such as the MWTP. The



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region's sustained population and economic growth and increasing environmental expectations require the upgrading and expansion of these services. The region has a significant capital investment in the MWTP and the expansion and upgrading of the MWTP enables efficient use to be made of those resources. The volume of wastewater to be treated and disposed of at the MWTP, could, in the future, require the establishment of new wastewater treatment plants. The Council supports continued investigation into supplementary sites for treatment plants within the region and the implementation of proposals for satellite plants.

### **Issue 2 The MWTP adjoins the Manukau Harbour and there is the potential that the MWTP will have adverse effects on the ecological, cultural, spiritual, recreational and landscape values of the coastal environment.**

The coastal environment in the vicinity of the MWTP contains both natural and modified elements and has important ecological, cultural, spiritual, recreation and landscape values. The upgrading of the MWTP must be undertaken in a manner that maintains, and where possible, enhances these values.

### **Issue 3 The MWTP has the potential to generate adverse effects on the environment of the surrounding land.**

The MWTP has generated adverse environmental effects on the surrounding neighbourhood, particularly in respect of nuisances caused by odour and insects. The upgraded MWTP needs to be effectively managed to ensure adverse environmental effects are avoided or mitigated.

## **3. Objectives and Policies**

### **Objective 3.1**

To promote the efficient use and development of the MWTP and all ancillary activities in the site. (This objective relates to issue 1).

### **Objective 3.2**

To support the establishment of wastewater treatment facilities elsewhere in the region to supplement the facilities of the MWTP. (This objective relates to issue 1).

### **Objective 3.3**

To ensure that the MWTP is operated in a manner that avoids, remedies, or mitigates any actual or potential adverse effects on ecological, cultural, spiritual, recreation and landscape values of the coastal environment of the Manukau Harbour. (This objective relates to issue 2).

### **Objective 3.4**

To maintain and enhance environmental quality and amenity values of the neighbourhood surrounding the MWTP. (This objective relates to issue 3).

### **Policies 3.5**

- a. The operation of the MWTP is to be undertaken in a manner that does not generate any adverse effects that are more than minor on the surrounding land and the Manukau Harbour.
- b. Prior to October 2003, the MWTP is to be operated, maintained, supervised, monitored and controlled in relation to all activities undertaken on the site so that discharges of odour are maintained at the minimum practicable level. From 1 October 2003 the MWTP is to be operated in a manner that does not generate any noxious, objectional or offensive odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2, or the northern and western boundaries of the adjoining designated areas "Water Services Limited: Wastewater Treatment Plant" and designation No 153 "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" shown on the planning maps. From 1 October 2003, the objective will also be that the plant be operated in a manner that should enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be

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changed at that time accordingly.

c. Buildings and structures are to be designed and located and landscaping undertaken so that the visual amenity values of the surrounding neighbourhood and coastal environment are maintained and enhanced.

### 4. Implementation

#### 4.1 Regulatory methods

a. Watercare Services Limited is a requiring authority with financial responsibility for works at the MWTP and has designating rights under section 168 of the Resource Management Act. WSL has required Areas 1A, 1B and 2 be designated within the district plan. The designation is subject to a number of conditions designed to minimise the adverse environmental effects from MWTP activities. WSL has also sought that the previous designation for the existing MWTP be included in the district plan, for "Watercare Services Ltd: Wastewater Treatment Plant". Council will be responsible for implementing the rules in the district plan relating to the designation while the Auckland Regional Council will be responsible for compliance with the resource consents.

#### 4.2 Non-regulatory methods

a. The Council will work closely with Auckland Regional Council to ensure that the plant operates in an efficient and sustainable manner. The Council will continue to cooperate with Watercare Services Limited in promoting measures to reduce the volume of trade waste discharged into the sewerage system. Reducing the level of stormwater entering the sewerage system will continue to be actioned by the Council.

### 5. Anticipated Results

The anticipated environmental results are:

- a. Minor adverse environmental effects arising from wastewater treatment activities;
- b. From 1 October 2003, no offensive, objectionable or noxious odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2 or the northern and western boundaries of the main designated area "Watercare Services Limited: Wastewater Treatment Plant", and the area designated for Ambury Regional Park shown on the planning maps;
- c. From 1 October 2003, the objective will also be that the MWTP be operated in a manner that should enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time in terms of the Resource Management Act 1991.
- d. That the buildings and structures associated with the MWTP will be relatively unobtrusive when viewed from the adjoining land and coastal waters;
- e. The visual appearance of the MWTP will be enhanced through the comprehensive landscaping of the site; and
- f. The minimisation of noise, dust and other nuisances associated with the plant.

### 6. Monitoring

The environmental standards now required under the ARC consents and in terms of the conditions of this designation are not able to be achieved by the current MWTP. To ensure the upgraded MWTP meets the new environmental standards the Council will undertake the following:

- a. Monitor complaints about the operation of the MWTP; and
- b. In conjunction with the ARC, review the results of monitoring undertaken by Watercare Services Ltd in relation to the environmental performance of the MWTP. Watercare Services Ltd will undertake monitoring of the matters set out in general condition 2 (13) (c) (i–vi) of the ARC consents which states that the Consent Holder shall complete and comply with a Monitoring Management Plan which shall stipulate the precise technical details of monitoring programmes.

### 7.0 Provisions for the Main Site

#### 7.1 Explanatory statement

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The designation for the main site covers an area of approximately 725 hectares, comprising 500 hectares of oxidation ponds, 195 hectares of Mangere Sludge lagoons and existing MWTP site, and 21 hectares covering Oruarangi Creek. The provisions of this designation are intended to provide for the works associated with the upgrading, ongoing operation and modification of the MWTP, as authorised by the resource consents obtained from the ARC, while providing an appropriate degree of protection to surrounding activities and ensuring that development is consistent with the surrounding environment. The rules in this plan attaching to this designation complement the conditions of the ARC consents and the Council will take the ARC conditions into account.

### 7.2 Activities

#### Rule 7.2.1 Permitted Activities

The following activities shall be permitted activities, provided they meet the Development Standards in Rule 7.5, and provided that activity (h) shall be subject to 7.5.6, 7.5.7, 7.5.8, and 7.5.11 Development Standards, and activity (i) shall be subject to 7.5.11 Development Standard only:

- a. Wastewater treatment plant processes and ancillary activities;
- b. Laboratories ancillary to the MWTP;
- c. Administrative offices ancillary to the MWTP;
- d. Workshop and parts storage ancillary to the MWTP;
- e. Staff and visitor amenities including carparking;
- f. Depositing of earth and biosolids to land;
- g. Deposition of sludge and biosolids to landfills;
- h. Earthworks in accordance with the requirements of the Auckland Regional Council; and
- i. Temporary offices, storage sheds, builders workshops, scaffolding, and other similar buildings and activities which are associated with the upgrading, ongoing operation and modification of the MWTP provided that buildings and structures directly associated with the upgrade of the plant must be removed by October 2006 or such later date as approved in writing by the Director Environmental Management, Manukau City Council.

#### Rule 7.2.2 Controlled Activities

All Controlled Activities shall comply with Development Standards in Rule 7.5. Buildings exceeding 10m but not more than 15m in height (refer rule 7.5.1).

#### Rule 7.2.3 Restricted Discretionary Activities

The following activities shall be restricted discretionary activities:

- a. Buildings exceeding 15m but not more than 25m in height;
- b. The sale of biosolids produced by the MWTP; and
- c. Any permitted or controlled activity which fails to meet the Development Standards in Rule 7.5. Unless special circumstances exist a resource consent for restricted discretionary activities as listed in Rule 7.2.3 need not be publicly notified, and the written approval of affected persons need not be obtained.

### 7.3 Assessment criteria for Controlled Activities

When assessing a building higher than 10m but not exceeding 15m the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. Landscape design, screening and site layout should ensure that the adverse effects of the MWTP on the amenity values of the surrounding area are minimised;
- b. Design and external appearance of buildings should relate to the character of the locality, i.e. the coastal environment and its amenity values; and
- c. The visual effects of the MWTP buildings with respect to views from the coastal environment and views from public places such as roads and public open space shall be avoided, remedied, or mitigated as far as practicable.

### 7.4 Assessment criteria for Restricted Discretionary Activities

When assessing any restricted discretionary activity the Council shall have regard to the following matters:

- a. The objectives and policies for the designation.

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- b. As a general guide, buildings should be recessive features and should not dominate the natural landscape particularly when viewed from the Manukau Harbour and coastal edge and when viewed from public places such as roads and public open spaces.
- c. The extent to which the design, external appearance and colour of buildings and other methods (such as the construction of buildings underground) will facilitate the integration of the buildings into the landscape so that they are not dominant features in the landscape.
- d. The proposed landscaping and the extent to which it will screen and soften the visual impact of buildings and development on the site from all views.
- e. Without limiting the generality of the foregoing, regard shall be had to the extent to which landscaping within the site itself will diminish the visual impact of buildings and development on the site and/or their combined mass on views from elevated locations, so that the buildings are recessive features in the landscape.
- f. The extent to which the presence and visual effects of the proposed buildings would adversely affect the relationship of Māori and their culture and tradition with their ancestral lands, water, sites, waahi tapu, and other taonga, including effects on cultural landscape views.
- g. The extent to which the building or activity will promote the maintenance or enhancement of the amenity values of the coastal environment. • Whether the activity will have adverse effects on public places, waahi tapu, or archaeological sites.
- h. The extent to which the proposed building promotes efficient use and development of the MWTP having regard to the functional purpose of the proposed building or the operational management of the existing MWTP; and
- i. Whether the proposed hours of operation has the potential to create a noise nuisance to local residents. As a guide additional controls may be placed on activities, including servicing and deliveries, that operate between the hours of 10.00 pm and 7.00 am. Conditions may be imposed as part of any resource consent.

### 7.5 Development standards — Permitted and Controlled Activities

#### Rule 7.5.1 Maximum Height

The maximum permitted height for buildings and structures shall be 10m, except that this limit shall not apply to silos, stacks, cranes, lift towers or machinery rooms. The maximum permitted height for silos, lift towers and machinery rooms shall not exceed 15m, and the maximum height for stacks and permanently installed cranes shall not exceed 25m.

#### *Explanation:*

Buildings, particularly larger buildings have the potential to detract from the amenity values of the surrounding area. The maximum height control will protect visual amenity values of the adjoining land and the Manukau Harbour from intrusive building developments. In the longer term there may be a need to erect buildings higher than 10m and provision has been made for this outcome through the resource consent process in terms of the rules of this designation.

#### Rule 7.5.2 Yards

Front Yard — 15m No buildings or carparking areas shall be established within this yard The yard shall be landscaped in accordance with Rule 7.5.4.

#### *Explanation:*

The 15m yard along Greenwood Road will provide an adequate separation distance between the MWTP and adjoining uses to the east.

#### Rule 7.5.3 Depositing of Matured Sludge and Biosolids

##### a. Depositing of matured sludge

Matured sludge applied to land shall be confined to matured, dried sludge, excavated from the drying beds. With the exception of the approved landfills, sludge deposition shall not include any sludge obtained from the oxidation ponds.

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### **b. Depositing of biosolids**

The depositing of biosolids to land (other than approved landfills) shall be undertaken in accordance with the Ministry of Health document "Public Health Guidelines for the safe use of sewage, effluent and sewage sludge on land (1992)" or any amendment to or replacement for those guidelines. Depositing of biosolids to approved landfills shall be undertaken in accordance with the requirements of the ARC consents.

#### *Explanation:*

The operator may deposit, within the site, some of the matured sludge in the drying beds. As the matured sludge is a contaminant, the application of the matured sludge is subject to Discharge Permit 9610859 issued by the ARC which approves certain landfills for this purpose. The depositing of biosolids is also subject to the same discharge permit.

### **Rule 7.5.4 Landscaping**

The site shall be landscaped in accordance with the provisions of the Coastal and Foreshore Restoration Plan, prepared in accordance with Coastal Permit 9610851. Without limiting the generality of the foregoing, trees to be used for landscaping purposes shall be a combination of native and exotic species which, within 10 years, are capable of forming an effective screen at varying heights up to 15m with the largest specimens reaching 20–25m above natural ground level within 20 years. For the purposes of consistency, exotic species which are currently found on site and/or in the near vicinity (for example pines, gums and macrocarpa trees) should be used. Native trees of a height more than 6m shall be retained but may be transplanted where practicable provided that transplanting shall be undertaken with sound arboricultural practices. Where retention or relocation is not practicable, any native tree of a height more than 6m which is removed shall be replaced by a native tree of similar height within the site as part of the overall landscaping undertaken. The removal of the pine tree shelter belts may be undertaken at such time as effective screening of the plant is provided by other trees and plants on the site. The landscaping shall be properly maintained at all times and in accordance with sound landscaping practice.

#### *Explanation:*

Exotic species are promoted in the early stages of landscaping to provide the initial screening of the MWTP and related buildings. While native trees are preferred for their ecological value it is recognised that exotic species because of their speed of growth relative to native species will ensure that over a relatively quick period of time large trees will have the effect of softening buildings up to 15m in height. Also the screening ability of many native trees is not always as effective as some of the exotic species so a mixture of both will ensure effective screening from a height perspective and an area perspective is achieved. Once the native trees have reached heights where they effectively screen buildings then provision is made for the shelter belts to be removed. Every precaution is to be taken to protect existing native trees and the shelter belts in order to maintain the visual screening of the Wastewater Treatment Plant and related buildings.

### **Rule 7.5.5 Design and External Appearance of Buildings**

All new buildings and structures shall be designed and finished in a manner that is deemed to be visually recessive by a suitable expert.

#### *Explanation:*

This rule is to encourage sensitive design and to ensure that buildings are finished in recessive colours that do not detract from the amenity values of the surrounding areas and coastal waters. Details of the design and finish of the proposed buildings and structures will be submitted to the Council at the same time as an outline plan of works.

### **Rule 7.5.6 Submission Of An Outline Plan Of Works**

Before commencing any construction activity on the designated land, an Outline Plan of Works shall be submitted to the Council for its consideration and approval. No construction work shall be commenced until the Outline Plan of Works is approved pursuant to section 176A of the Resource Management Amendment Act

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1993. The outline plan of works must show the height, shape and bulk of the work, its location on the site, the likely finished contour of the site, vehicular access, circulation and the provision for parking, the landscaping proposed, and any other matters to avoid, remedy, or mitigate any adverse effects on the environment (pursuant to section 176A, Resource Management Amendment Act 1993).

*Explanation:*

The designation only indicates in broad terms the nature of activities to be undertaken within the designated land. This rule provides the Council with prior notice of the detailed nature of any works proposed within the designated land and the ability to control any adverse effects of those works or project.

### Rule 7.5.7 Dust

That beyond the southern boundary of Area 1A and 1B, the eastern boundary of Area 2 and the Main Site, there shall be no dust caused by discharges from the site which are noxious, dangerous, offensive or objectionable.

*Explanation:*

Activities that generate dust have the potential to create significant adverse health effects and nuisance conditions. This rule ensures that there are adequate means to identify a dust nuisance so that remedial action can be taken to the satisfaction of Council.

### Rule 7.5.8 Movement Of Materials

All earth, sludge and biosolids being transported on public roads to and from the site shall be contained to prevent the release of particulate material into the environment.

*Explanation:*

Large quantities of biosolids are to be removed from the MWTP each day. In addition, other materials which could contribute to dust nuisance will be delivered and removed from the site. The above rule is designed to avoid any adverse effects from particulate materials being lost from vehicles.

### Rule 7.5.9 Noise

a. Any additions to the MWTP shall be so designed and the use of the buildings and site shall be so conducted, that the noise level does not exceed the limits set out below:

i. When measured at, or within, the boundary of any site zoned Residential or the notional boundary of any site zoned Mangere Puhinui Rural, (as at the date the district plan became operative) which is located beyond the boundary shown on Figure 5.6 attached to this designation. (The notional boundary is a line 20m from the facade of any rural dwelling or the legal boundary where this is closer to the dwelling.)

Day/Time	Noise Level (L10dBA)
At all times	50
At all other times including Sundays and public holidays	45

ii. When measured at or within the boundary of any site zoned Business.

Day/Time	Noise Level (L10dBA)
At all times	60

Lmax 65 dBA (or background plus 30 dBA, whichever is lower) shall apply between the houses of 2200–0700, seven days a week.

b. The noise levels shall be measured and assessed in accordance with NZS 6801: 1991 “Measurement of Sound” and NZ 6802: 1991 “Assessment of Environmental Sound”.

c. Any construction noise (as defined in Section 2 of the Construction Act 1959) emanating from the site shall



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comply with the requirements of NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

d. Prior to the commencement of any new activities, the applicant shall provide Council with a certificate from a qualified Acoustic Engineer demonstrating that the above performance standards will be met.

e. Notwithstanding the noise standards above, the Council reserves the power conferred on it under the relevant sections of the Resource Management Act 1991, to control any noise which contravenes the provisions of the abovementioned Act.

### **Explanation**

*The noise standards above are similar to those that apply to activities in the Business zones. During the construction period from 1997–2003 noise levels will exceed those specified in clause (a) above, but will be below the daytime construction noise limit of 75dBA set out in NZS 6803P: 1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".*

### **Rule 7.5.10 Odour**

Up to and including 1 October 2003, The MWTP is to be operated, maintained, supervised, monitored and controlled in relation to all activities undertaken on the site so that discharges of odour are maintained at a minimum practicable level. From 1 October 2003 there shall be no discharge of a noxious, offensive or objectionable odour arising from within Areas 1A, 1B or 2 beyond the southern boundary of Area 1A and 1B and the eastern boundary of Area 2 (as shown on Figure 5.8), or the northern and western boundaries of the Main Site designated as "Watercare Services Limited: Wastewater Treatment Plant" and designation No. 153: "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park", as shown on Figure 5.6.

### **Rule 7.5.11 Stormwater Drainage**

- a. Adequate provision is to be made for the protection and/or redirection of any existing stormwater overland flowpaths within the site, which are affected by the upgrading works. All proposed works shall be undertaken prior to the commencement of the activity, in accordance with Council's engineering performance standards, and at no cost to the Council.
- b. In order to protect these stormwater overland flowpaths a 'right to drain water' easement in favour of the Council is to be placed over the final defined overland flowpaths prior to commencement of the activity and at no cost to Council. Any easement will need to be defined by a registered surveyor, to be arranged by the applicant, and the subsequent easement documents prepared by the City Solicitor at the applicant's expense. The easement documents will need to include a provision that no buildings, structures, fences or filling be placed in the easement area or other works carried out thereon, except with specific Council approval and that the level and profile of the overland flowpath is to remain unchanged thereafter. The easement documents will also need to include plans showing levels in terms of DOSLI datum, a suitably located datum mark and boundary dimensions for the proposed easement.
- c. Minimum floor level restrictions may be required adjoining overland flowpaths and at no cost to Council prior to commencement of the activity.
- d. Conditions (a), (b) and (c) require compliance through the submission of full engineering plans to the Council for its approval at the time an Outline Plan of Works is submitted to the Council and the completion of all works prior to commencement of the activity.

### **Explanation:**

The above rule will ensure that no stormwater problems are generated by the proposed upgrading.

### **Rule 7.5.12 Roading**

Access to Puketutu Island shall be retained at all times, including during the upgrading of the MWTP.

### **Rule 7.5.13 Business Development Reserve Contributions**

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### 7.5.13.1

All development authorised by this designation, other than Project Manukau, in excess of \$250,000 and proposed to be used solely or principally for administrative, commercial or industrial purposes, or any two or more such purposes, may be subject to a reserve contribution calculated at a rate of not more than 0.5% of the assessed value of the development, provided that:

### 7.5.13.2

a. The amount of reserve contribution required under this clause may be reduced at the Council's discretion, pursuant to an application for a restricted discretionary activity resource consent. In considering an application under this provision, the Council shall have regard to the following matters:

- i. the extent to which the development generates an overall positive environmental effect or has no additional adverse environmental effects;
- ii. the extent to which the development adversely affects the environment;
- iii. the extent to which any facility (land or works) provided by WSL benefit the public and are visible and/or accessible to the public;
- iv. the extent of any restrictions on public access to the nominated facilities/areas provided by WSL;
- v. the cost to WSL of providing the nominated facilities/areas for public amenity and use; and (vi) the extent to which WSL makes provision for public open space. (b) Unless special circumstances exist, any resource consent application made pursuant to 7.5.13.2(a) above shall not be notified and the written approval of affected parties need not be obtained.

### 7.5.13.3

WSL will pay the reserve contribution of 0.5%, or such lesser amount (if any) as may be required by the Council pursuant to 7.5.13.2(a) above, by a cash payment to the Council of 0.15% or, if the reserve contribution is assessed as being less than 0.15%, then such lesser amount; and

- i. by deducting the remaining reserve contribution (if any) from the Credit, until such time as the Credit is exhausted; and/or
- ii. if the Council agrees, transferring land to the Council of an equivalent value to the whole or part of the remaining reserve contribution.



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### 7.5.13.4

The Council shall maintain a record of WSL's current financial contribution credit (Credit). The value of the Credit shall be \$835,000, as at 10 August 2001, and arises from WSL's commitment to undertake the works set out below. The difference between the Credit and the Agreed Value of the following works is the agreed amount of reserve contribution for development occurring under Project Manukau.

a. Visitor facilities including (parking, lookouts, hides, signs & planting) \$316,000

Pathways, board walks, bridges and associated planning \$455,000

Roads and fencing (access roads, cycle tracks, fencing & planting) \$334,000

Oruarangi Landing including boat ramp \$550,000

Community Involvement (preparation nursery etc) \$80,000

Total \$1,735,000

(Less allowance for planting) \$135,000

Agreed value \$1,600,000 (the Works' Areas)

b. The Credit will be extinguished in 20 years from 10 August 2001 or when it is exhausted in terms of rule 7.5.13.3, whichever event occurs first.

*Provided that:* During the hours of daylight, the public is to be provided with access to any of the Works' Areas in respect of which the Credit has been calculated. In the event that access to any Works' Area is denied, the Council shall reduce the credit attributed to that Works' Area as set out in rule 7.5.13.4(a). This proviso is subject to WSL or its agents temporarily restricting public access where that is necessary for safety or operational reasons.

*Provided Further that:* If any of the works described in rule 7.5.13.4(a) do not occur, the Council shall reduce the Credit attributed to that work.

*Provided Further that:* The calculation of the Credit took into account all Project Manukau works, including those specified in the schedule in rule 7.5.13.4(a) and, for the avoidance of doubt, none of those works shall be assessed under Rule 7.5.13.1.

#### *Explanation:*

As at 10 August 2001, the Council and WSL agreed that a reserve contribution of \$765,000 was payable on the works undertaken as part of Project Manukau. That reserve contribution will be met by the provision of the works set out in rule 7.5.13.4(a). The difference between the Agreed Value of those works and the reserve contribution required as at 10 August 2001 is the Credit.

### 7.5.13.5

Upon the Credit being extinguished in terms of rule 7.5.13.3, WSL shall continue to pay a reserve contribution of 0.5%, or such lesser amount (if any) as may be required by the Council pursuant to 7.5.13.2(a) above.

### 7.5.13.6

The reserve contribution shall become due and payable upon the occurrence of any of the following events as may be appropriate to the proposed development provided that if more than one of the following events applies, the contribution shall be paid on the event which occurs first:

a. The issuance of a building consent for proposed works;

b. The commencement of proposed works.

#### *Explanation:*

All development is liable to the payment of reserve contributions in order to offset the adverse effects of development on the environment which includes the community. Generally, the Business Development Reserve Contribution rule ensures that businesses that have not previously had to pay reserve contributions on subdivision and yet intensify the development on their site, are able to be levied for a contribution to offset the

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effects of the business on the environment. It is the intention of WSL and the Council that the Credit will be exhausted within 20 years. If the Credit is not exhausted within the life of this Plan, it is WSL's intention to carry this rule in WSL's designation into any new district plan while still retaining the 20 year cut off proposal. It is accepted by both the Council and WSL that this rule and therefore the agreed Credit may change as a result of public participation in the formulation of any new district plan. The rule contains an element of discretion as to how much reserve contribution may be payable in order to promote the opportunity for the recognition of facilities or works WSL may provide which contribute to public open space purposes and to recognise that some aspects of the development might have little or no adverse effects (eg the replacement of underground pipes). In applying the threshold limit of \$250,000, WSL shall consider whether the proposed works are part of a series of scheduled works that cumulatively total more than \$250,000, and whether it would be more appropriate to seek approval for all the proposed or scheduled works at the same time and pay a financial contribution on the total value of those works.

### **Rule 7.5.14 Coastal And Foreshore Restoration Management Plan (CFRP)**

- a. The Requiring Authority shall complete and comply with a Coastal and Foreshore Restoration Plan (CFRP) for the area shown on Figure 5.7.
- b. The CFRP shall be completed and submitted to the Director Environmental Management, Manukau City Council for approval not later than December 1998 or such later date as approved in writing by the Director, and any changes required by the Director shall be incorporated in the CFRP upon request.
- c. The CFRP shall be fully implemented not later than 1 October 2006.
- d. The CFRP shall provide for the matters described in Special Condition 6 of the Auckland Regional Council resource consent number 9610851.

#### *Explanation:*

Such a plan has been seen in the context of the ARC consents as a suitable method to achieve an integrated approach on the part of both the ARC and Manukau City Council.

## Attachments

### **Figure 5.6 - Odour Boundary and Wastewater Treatment Plant Site**

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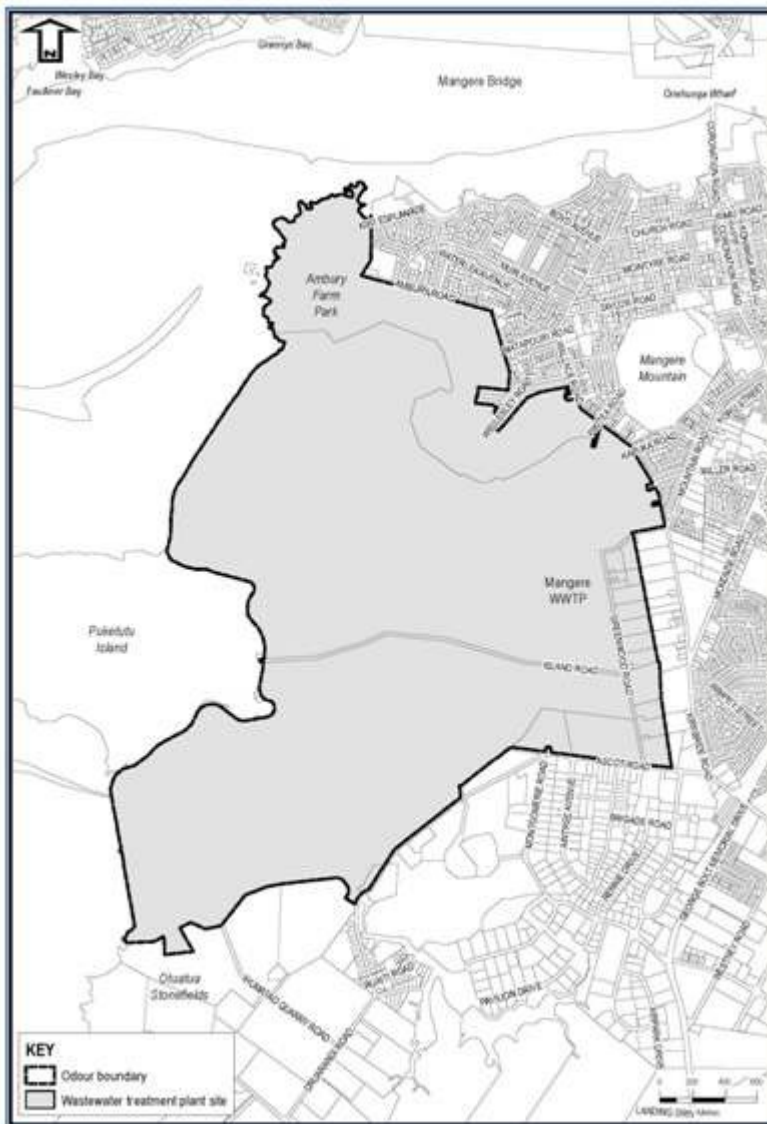
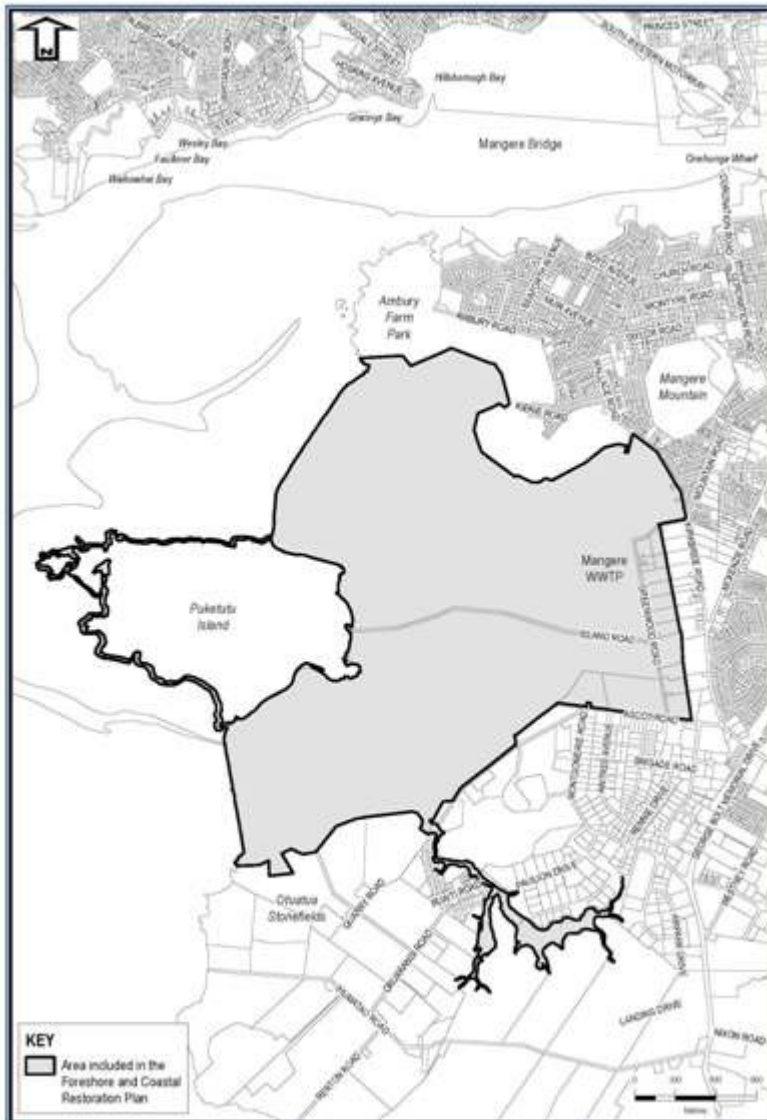


Figure 5.7 - Area Included in the Foreshore and Coastal Restoration Plan

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### 9503 Odour Buffer Area - Mangere Wastewater Treatment Plant

Designation Number	9503
Requiring Authority	Watercare Services Ltd
Location	Area 1: Ascot Road North, Area 2: Greenwood Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 144B, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Area 1A - Wastewater Treatment Purposes.

Area 1B - Odour Buffer Area and Application of Biosolids from the Wastewater Treatment Plant.

Area 2 - Odour Buffer Area and Application of Biosolids from the Wastewater Treatment Plant.

### Conditions

# The Proposed Auckland Unitary Plan (notified 30 September 2013)

## 1.0 Introduction

The Mangere Wastewater Treatment Plant ("MWTP") is an essential regional facility serving the needs of the Auckland Metropolitan area (with the exception of the North Shore). The MWTP currently (1996) services 750,000 persons plus associated commercial and industrial waste producers and treats an average of 300,000m<sup>3</sup> of wastewater per day. The MWTP is to be upgraded to enhance the environmental performance of the MWTP, particularly in relation to odour, to address social and cultural considerations and, as a result of population growth, to accommodate increasing volumes of wastewater requiring treatment in the region.

Odour problems have occurred at various times since the plant was commissioned and were the subject of legal proceedings commenced by Manukau City Council in 1993. By consent of the parties a Planning Tribunal enforcement order was issued to minimise the discharge of odours by October 1995. The order covered all major odour sources except the oxidation ponds. This work has now be successfully completed. The order also sets in place a timetable for obtaining resource consents for a new or reconstructed plant by the year 2000.

The existing MWTP is designated for "drainage purposes". The expansion of the MWTP includes two main areas of land adjacent to the existing plant, as shown on figure 5.8. Area 1A to the south of the existing MWTP has been designated "wastewater treatment purposes" to make appropriate provision for the construction, operation and maintenance of future wastewater facilities, establishment of an odour buffer area and to allow for the application of biosolids to the land, and the use of sludge in landscaping and land forming. Area 1B to the south of the existing MWTP and Area 2 to the east of the existing MWTP have been designated as odour buffer areas and to allow for the application of biosolids to the land.

A number of resource consents administered by the Auckland Regional Council (ARC) regulate the discharges to air, land, and water from the MWTP and regulate aspects of the upgrading works including earthworks and coastal permits. Conditions (or any subsequent modifications of these conditions) are contained in the following resource consents:

- 9610850 Discharge contaminants to air
- 9611016 Diversion of inner coastal water into the area occupied by the oxidation ponds
- H/10852 Dredging of seabed
- 9610853 Discharge of treated effluent
- 9610854 Discharge of stormwater
- 9610855 Temporary pond discharges
- 9610857 Divert groundwater and surface water
- 9610858 Sediment control
- 9610859 Discharge of contaminants onto and into ground Definition of biosolids

For the purposes of this designation, biosolids are defined as dewatered, stabilised sewage sludge that satisfies the standards of the Ministry of Health document "Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land – 1992" relating to limits for heavy metals and the USEPA Class B Pathogen levels, or any subsequent amendment to or replacement of the document.

## 2.0 Resource Management Issues

### **Issue 1 Wastewater needs to be managed, treated and discharged in an efficient and sustainable manner.**

The social and economic wellbeing and the health and safety of Manukau and the Auckland Region, are dependent on the availability and efficient operation of central infrastructural services such as the MWTP. The region's sustained population and economic growth and increasing environmental expectations require the upgrading and expansion of these services. The region has a significant capital investment in the MWTP and the expansion and upgrading of the MWTP enables efficient use to be made of those resources. The volume of wastewater to be treated and disposed of at the MWTP, could, in the future, require the establishment of new wastewater treatment plants. The Council supports continued investigation into supplementary sites for

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treatment plants within the region and the implementation of proposals for satellite plants.

### **Issue 2 The MWTP adjoins the Manukau Harbour and there is the potential that the MWTP will have adverse effects on the ecological, cultural, spiritual, recreational and landscape values of the coastal environment.**

The coastal environment in the vicinity of the MWTP contains both natural and modified elements and has important ecological, cultural, spiritual, recreation and landscape values. The upgrading of the MWTP must be undertaken in a manner that maintains, and where possible, enhances these values.

### **Issue 3 The MWTP has the potential to generate adverse effects on the environment of the surrounding land.**

The MWTP has generated adverse environmental effects on the surrounding neighbourhood, particularly in respect of nuisances caused by odour and insects. The upgraded MWTP needs to be effectively managed to ensure adverse environmental effects are avoided or mitigated.

## **3.0 Objectives and Policies**

### **Objective 3.1**

To promote the efficient use and development of the MWTP and all ancillary activities on the site. (This objective relates to issue 1).

### **Objective 3.2**

To support the establishment of wastewater treatment facilities elsewhere in the region to supplement the facilities of the MWTP. (This objective relates to issue 1).

### **Objective 3.3**

To ensure that the MWTP is operated in a manner that avoids, remedies or mitigates any actual or potential adverse effects on the ecological cultural, spiritual, recreation and landscape values of the coastal environment of the Manukau Harbour (This objective relates to issue 2).

### **Objective 3.4**

To maintain and enhance environmental quality and amenity values of the neighbourhood surrounding the MWTP (This objective relates to issue 3).

### **Policies 3.5**

a. The operation of the wastewater treatment plant is to be undertaken in a manner that does not generate any adverse effects that are more than minor on the surrounding land and the Manukau Harbour.

b. The plant is to be operated, in a manner that does not generate any noxious, objectionable or offensive odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2, or the outer boundaries of the adjoining designated areas "Water Services Limited: Wastewater Treatment Plant" and designation No 153 "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" shown on the planning maps. From 2003, the objective is that the plant be operated in a manner that will enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time accordingly.

c. Buildings and structures are to be designed and located and landscaping undertaken so that the visual amenity values of the surrounding neighbourhood and coastal environment are maintained and enhanced.

## **4.0 Implementation**

### **4.1 Regulatory Methods**

Watercare Services Limited (WSL) is a requiring authority with financial responsibility for works at the MWTP



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and has designating rights under section 168 of the Resource Management Act. WSL has required Areas 1A, 1B and 2 be designated within the district plan. The designation is subject to a number of conditions designed to minimise the adverse environmental effects from MWTP activities. Council will be responsible for implementing the rules in the district plan relating to the designation while the Auckland Regional Council will be responsible for compliance with the resource consents.

### 4.2 Non-regulatory methods

The Council will work closely with Auckland Regional Council to ensure that the plant operates in an efficient and sustainable manner. The Council will continue to cooperate with Watercare Services Limited in promoting measures to reduce the volume of trade waste discharged into the sewerage system. Reducing the level of stormwater entering the sewerage system will continue to be actioned by the Council.

### 5.0 Anticipated Environmental Results

The anticipated environmental results are:

- a. Minor adverse environmental effects arising from wastewater treatment activities;
- b. No offensive, objectionable or noxious odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2 or the outer boundaries of the adjoining designated areas "Watercare Services Limited: Wastewater Treatment Plant", and "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" as shown on the planning maps;
- c. From 2003, the objective is that the plant be operated in a manner that will enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time accordingly;
- e. That the buildings and structures associated with the MWTP will be relatively unobtrusive when viewed from the adjoining land and coastal waters;
- f. The visual appearance of the plant will be enhanced through the comprehensive landscaping of the site; and
- g. The minimisation of noise, dust and other nuisances associated with the plant.

### 6.0 Monitoring

The environmental standards now required are not able to be achieved by the current plant. To ensure the upgraded MWTP meets the new environmental standards the Council will undertake the following:

- a. Monitor complaints about the operation of the MWTP; and
- b. In conjunction with the ARC, monitor the environmental performance of the plant.

### 7.0 Provisions For Area 1

#### 7.1 Explanatory Statement

Area 1 comprises 18 ha. Part of this area remains undeveloped (Area 1A) and part has been developed for intensive horticultural activity (Area 1B), as shown on Figure 1. In order to recognise the existing land use activities, different provisions apply to Area 1A and Area 1B. Within Area 1A, a number of wastewater treatment processes and ancillary activities are proposed to be established and an odour buffer area maintained. Within Area 1B an odour buffer area will be maintained and biosolids applied to land. This will allow the existing horticultural activities to continue. Special conditions and restrictions are set out for Areas 1A and 1B for the future protection of the neighbourhood and the coastal environment. Watercare Services Limited has a number of consents from the ARC covering aspects of the upgrading and discharges. The rules in this plan complement the conditions of the ARC consents and the Council will take the ARC conditions into account.

#### 7.2 Activities

##### 7.2.1 Permitted Activities

All permitted activities shall comply with Development Standards in Rule 7.5

**The following activities shall be permitted activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:**

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- a. Wastewater treatment plant processes and ancillary activities;
- b. Laboratories ancillary to the treatment plant;
- c. Administrative offices ancillary to the treatment plant;
- d. Workshop and parts storage ancillary to the treatment plant;
- e. Staff and visitor amenities including carparking;
- f. Depositing of no more than 50,000m<sup>3</sup> of matured sludge (excluding sludge from the oxidation ponds) to land;
- g. Application of biosolids to land.

**The following activities shall be permitted activities for Area 1B on a portion of Part Lot 1 DP 43557 and Lot 1 DP 49323:**

- a. Deposition of biosolids.

### **Rule 7.2.2 Controlled Activities**

All Controlled Activities shall comply with Development Standards in Rule 7.5.

**The following activities shall be controlled activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:**

- a. Buildings exceeding 10m but not more than 15m in height (refer rule 7.5.1).
- b. Depositing in excess of 50,000m<sup>3</sup> but not exceeding more than 100,000 m<sup>3</sup> of matured sludge (excluding sludge from oxidation ponds) to land.

### **Rule 7.2.3 Restricted Discretionary Activities**

**The following activities shall be restricted discretionary activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:**

- a. Buildings exceeding 15m but not more than 25m in height.
- b. Any permitted or controlled activity which fails to meet the Development Standards in rule 7.5.

#### **7.2.3.1**

Unless special circumstances exist a resource consent for restricted discretionary activities need not be publicly notified.

### **7.3 Assessment Criteria for Controlled Activities**

7.3.1 When assessing a building higher than 10m but not exceeding 15m the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. Landscape design, screening and site layout should ensure the effects of the MWTP are internalised within the site and adverse effects on the amenity values of the area are minimised;
- b. Design and external appearance of buildings should relate to the character of the locality, i.e. the coastal environment and its amenity values; and
- c. The visual effects of the MWTP buildings with respect to views from the coastal environment and views from public places such as roads and public open space shall be avoided, remedied, or mitigated as far as practicable.

#### **7.3.2**

When assessing the deposition of more than 50,000m<sup>3</sup> but not exceeding 100,000m<sup>3</sup> of matured sludge to land, the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. The visual effects of the deposition of sludge shall be avoided, remedied or mitigated; and
- b. The works shall be designed and undertaken so as to ensure that no damage or nuisance is caused to adjacent or adjoining lots.

### **7.4 Assessment Criteria for Restricted Discretionary Activities**

When assessing any restricted discretionary activity the Council shall have regard to the following matters:

- a. The objectives and policies for the designation;



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- b. As a general guide, buildings should be recessive features and should not dominate the natural landscape particularly when viewed from the Manukau Harbour and coastal edge and when viewed from public places such as roads and public open spaces;
- c. The extent to which the design, external appearance and colour of buildings and other methods (such as the construction of buildings underground) will facilitate the integration of the buildings into the landscape so that they are not dominant features in the landscape;
- d. The proposed landscaping and the extent to which it will screen and soften the visual impact of buildings and development on the site from all views;
- e. Without limiting the generality of the foregoing, regard shall be had to the extent to which landscaping within the site itself will diminish the visual impact of buildings and development on the site and/or their combined mass on views from elevated locations, so that the buildings are recessive features in the landscape;
- f. The extent to which the presence and visual effects of the proposed buildings would adversely affect the relationship of Māori and their culture and tradition with their ancestral lands, water, sites, waahi tapu, and other taonga, including effects on cultural landscape views;
- g. The extent to which the building or activity will promote the maintenance or enhancement of the amenity values of the coastal environment; and
- h. Whether the activity will have adverse effects on public places, waahi tapu, or archaeological sites.

Conditions may be imposed as part of any resource consent.

### **7.5 Development standards — Permitted and Controlled Activities**

#### **Rule 7.5.1 Maximum Height**

The maximum permitted height for buildings and structures shall be 10m, except that this height limit shall not apply to silos, stacks, cranes, lift towers or machinery rooms. The maximum permitted height for silos, lift towers and machinery rooms shall not exceed 15m, and the maximum height for stacks and permanently installed cranes shall not exceed 25m.

#### *Explanation:*

Buildings, particularly larger buildings have the potential to detract from the amenity values of the surrounding area. The maximum height control will protect visual amenity values of the adjoining land and the Manukau Harbour from intrusive building developments. In the longer term there may be a need to erect buildings higher than 10m and provision has been made for this outcome through the resource consent process in terms of the rules of this designation.

#### **Rule 7.5.2 Yards**

Front Yard — 20m No buildings or carparking areas shall be established within this yard except for the provision of a vehicular accessway to Ascot Road. The yard shall be landscaped in accordance with Rule 7.5.4.

#### *Explanation:*

The 20m yard along Ascot Road and Greenwood Road (as far north as Island Road) will provide an adequate separation distance between the sewage treatment facilities and adjoining uses to the south and east.

#### **Rule 7.5.3 Depositing of Matured Sludge and Biosolids**

##### **a. Depositing of matured sludge**

Matured sludge shall be confined to matured, dried sludge, excavated from the drying beds. It shall not include any sludge obtained from the oxidation ponds.

##### **b. Depositing of biosolids**

The depositing of biosolids shall be undertaken in accordance with the Ministry of Health document “Public Health Guidelines for the safe use of Sewage, Effluent and Sewage, Sludge on Land (1992)” or any amendment to or replacement for those guidelines.

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### c. Application of matured sludge

All matured sludge shall only be applied to the area of the mound as generally illustrated on the landscaping plan entitled "Landscape Development Plan" Ref 679 LDP July 1996.

### d. Stabilisation details of the mound

The detailed design of the mound shall be assessed by the Council when Watercare lodge an outline plan of works with the Council.

### e. Traffic movement

All vehicles transporting matured sludge and biosolids to Area 1A or biosolids to Area 1B shall not use any public roads except Island Road.

### f. Surface rehabilitation

When the capping layer containing a suitable amount of topsoil has been applied to the mound, it shall be grassed immediately and continuously maintained and irrigated thereafter.

### g. Siltation controls

Works shall be undertaken so that all drainage from the mound will drain into Area 1A and become part of the site's stormwater system.

h. For works within 20m of the southern or eastern boundary of Area 1A, and for Area 1B a landscape plan and planting schedule shall be prepared prior to the depositing of any matured sludge for implementation following completion of those works.

### Rule 7.5.4 Landscaping

Prior to the commencement of any permitted activities within Area 1A and 1B, other than the deposition of biosolids, landscaping along Ascot Road as far west as Aintree Avenue and along Greenwood Road as far north as Island Road shall be undertaken, completed and maintained in accordance with the Landscape Development Plan Reference 679 LDP2 November 1997 (LDP). The trees to be used for landscaping purposes shall be a combination of native and exotic species which, within 10 years, will form an effective screen at varying heights up to 15m with the largest specimens reaching 20–25m above natural ground level within 20 years. For the purposes of consistency, exotic species which are currently found on site and/or in the near vicinity (for example pines, gums and macrocarpa trees) should be used.

The following existing exotic and native trees shall be retained:

- a. Shelter belt adjoining Ascot Road to the south of Areas 1A and 1B;
- b. Shelter belt to the west of Area 1B;
- c. Totara tree, item (a) on the LDP;
- e. Cabbage tree, item (b) on the LDP;
- f. Pohutukawa tree, item (c) on the LDP;
- g. English Oak, item (d) on the LDP; and
- h. Magnolia tree, item (e) on the LDP.

The above shelter belts may be replaced when the landscaping has achieved a sufficient height and mass to provide replacement screening of equivalent or similar height and mass to that achieved by the shelter belt. Other native trees of a height more than 6m shall be retained and may be transplanted provided that transplanting shall be undertaken in accordance with sound arboricultural practises. The landscaping required by the LDP shall be properly maintained at all times and in accordance with sound landscaping practice.

#### *Explanation:*

When fully established with mature trees and shrubs, the landscaped mound along parts of Ascot Road and Greenwood Road will provide a suitable visual screen between the sewage treatment facilities and adjoining

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uses to the south and east. The landscaped mound will only be required on Part Lot 1, DP 43557(101 Ascot Road) and the smaller Lot 1, DP 49323 (89 Ascot Road) when it is proposed to establish permitted activities within 200m of Ascot Road. This will enable the current owners of these lots, or their successors, to continue cultivating horticultural crops for the immediate future.

Exotic species are promoted in the early stages of landscaping to provide the initial screening of the MWTP and related buildings in Area 1A.

While native trees are preferred for their ecological value it is recognised that exotic species because of their speed of growth relative to native species will ensure that over a relatively quick period of time large trees will have the effect of softening buildings up to 15m in height. Also the screening ability of many native trees is not always as effective as some of the exotic species so a mixture of both will ensure effective screening from a height perspective and an area perspective is achieved.

Once the native trees have reached heights where they effectively screen buildings then provision is made for the shelter belts to be removed. Every precaution is to be taken to protect existing native trees and the shelter belts in order to maintain the visual screening of the MWTP and related buildings planned for Area 1A.

### **Rule 7.5.5 Design and External Appearance of Buildings**

All new buildings and structures shall be architecturally designed and finished in natural earthy tones that are visually recessive.

#### *Explanation:*

This rule is to encourage sensitive design and to ensure that buildings are finished in recessive colours that do not detract from the amenity values of the surrounding areas and coastal waters. Details of the design and colour of the proposed buildings and structures will be submitted to the Council at the same time as an outline plan of works.

## **8.0 Provisions For Area 2**

### **8.1 Explanatory Statement**

Area 2 contains 31 ha of land which is mainly used for market gardening and some glass house production. The topography is mainly flat with a moderate rise in the north-eastern corner. A stream flows through the north-eastern corner of Area 2. Area 2 will be used as an odour buffer and for the application of biosolids to land. Special conditions and restrictions are set out for Area 2 and for the future protection of the neighbourhood and watercourse.

Watercare Services Limited has a number of consents from the ARC covering aspects of biosolid trials. The rules in this plan complement the conditions of the ARC.

## **8.2 Activities**

### **8.2.1 Permitted activities**

a. Deposition of biosolids.

## **8.3 Rules**

### **Rule 8.3.1 Depositing of Biosolids (as defined in section 1)**

The depositing of biosolids shall be undertaken in accordance with the Ministry of Health document "Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land (1992)" or any amendment to or replacement for those guidelines, and in accordance with the terms of any resource consent issued by the Regional Council in relation to that activity. No biosolids shall be deposited within 15m of any stream or drainage path or within 5m of any site boundary.

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### *Explanation:*

This rule will enable WSL to undertake biosolids use trials within the confines of Area 2 to demonstrate the resource value of MWTP biosolids to potential users and confirm that significant adverse effects do not arise. The operator has produced a protocol for applying biosolids to land and this will limit the application of biosolids to levels appropriate for arable land and prevent contamination of the ground or streams.

### **9.0 Common Rules For Areas 1 And 2: Development And Performance Standards**

#### **Rule 9.1 Submission of an Outline Plan of Works**

Before commencing any activity on the designated land, an outline plan of works shall be submitted to the Council for its consideration. The outline plan must show the height, shape and bulk of the work, its location on the site, the likely finished contour of the site, vehicle access and circulation and landscaping provisions

### *Explanation:*

The designation only indicates in broad terms the nature of activities to be undertaken within the designated land. This rule provides the Council with prior notice of the detailed nature of any works proposed within the designated land.

#### **Rule 9.2 Dust**

That beyond the southern boundary of Area 1A and 1B, the eastern boundary of Area 2, there shall be no dust caused by discharges from Areas 1A, 1B and 2 which is noxious, dangerous, offensive or objectionable.

#### **Rule 9.3 Movement of Materials**

All earth, sludge or biosolids being transported on public roads to and from the site shall be contained to prevent the release of particulate material into the environment.

### *Explanation:*

Approximately 500m<sup>3</sup> of biosolids are to be removed from the treatment plant each day. In addition there are other materials to be delivered and removed from the site. The above rule is designed to avoid any adverse effects from particulate materials being lost from vehicles.

#### **Rule 9.4 Noise**

a. Any additions to the MWTP shall be so designed and the use of the buildings and site shall be so conducted, that the noise level does not exceed the limits set out below:

i. When measured at, or within, the boundary of any site zoned Residential or the notional boundary of any site zoned Mangere Puhinui Rural. (The notional boundary is a line 20m from the facade of any rural dwelling or the legal boundary where this is closer to the dwelling.)

Daytime	Noise Level (L10 dBA)
Mon – Sat 0700 – 2200	50
At all other times, including Sundays and public holidays	45

ii. When measured at or within the boundary of any site zoned Business.

Daytime	Noise Level (L10 dBA)
At all other times	60

iii. An L<sub>max</sub> 65 dBA (or background noise level plus 30 dBA, whichever is lower) shall apply between the hours of 2200–0700, seven days a week.

b. The noise levels shall be measured and assessed in accordance with NZS 6801: 1991 “Measurement of Sound” and NZS 6802: 1991 “Assessment of Environmental Sound”.

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c. Any construction noise (as defined in Section 2 of the Construction Act 1959) emanating from the site shall comply with the requirements of NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

d. Prior to the commencement of any new activities, the applicant shall provide Council with a certificate from a qualified Acoustic Engineer demonstrating that the above performance standards will be met. (e) Notwithstanding the noise standards above, the Council reserves the power conferred on it under the relevant sections of the Resource Management Act 1991, to control any noise which contravenes the provisions of the Act.

### *Explanation:*

The noise standards above are similar to those that apply to activities in the Business zones. During the construction period from 1997–2003 noise levels will exceed those specified in clause (a) above, but will be below the daytime construction noise limit of 75dBA set out in NZS 6803P: 1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

### **9.5 Odour**

There shall be no discharge of a noxious, offensive or objectionable odour arising from within Areas 1A, 1B or 2 beyond the southern boundary of Area 1A and 1B and the eastern boundary of Area 2 (as shown on Figure 5.8), or beyond the outside boundaries of the adjoining areas designated as "Watercare Services Limited: Wastewater Treatment Plant" and "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park", as shown on the planning maps.

### *Explanation:*

The reason for adopting odour controls is to provide a practicable means of controlling objectionable odours which are not satisfactorily regulated by controls on air discharges.

### **Rule 9.6 Stormwater Drainage**

- a. Adequate provision is to be made for the protection and/or redirection of any existing stormwater overland flowpaths within both Areas 1 & 2. All proposed works shall be undertaken prior to the commencement of the activity, in accordance with Council's engineering performance standards, and at no cost to the Council.
- b. In order to protect these stormwater overland flowpaths a 'right to drain water' easement in favour of the Council is to be placed over the final defined overland flowpaths prior to commencement of the activity and at no cost to Council. Any easement will need to be defined by a registered surveyor, to be arranged by the applicant, and the subsequent easement documents prepared by the City Solicitor at the applicant's expense. The easement documents will need to include a provision that no buildings, structures, fences or filling be placed in the easement area or other works carried out thereon, except with specific Council approval and that the level and profile of the overland flowpath is to remain unchanged thereafter. The easement documents will also need to include plans showing levels in terms of DOSLI datum, a suitably located datum mark and boundary dimensions for the proposed easement.
- c. Minimum floor level restrictions may be required adjoining overland flowpaths and at no cost to Council prior to commencement of the activity.
- d. Conditions a., b. and c. require compliance through the submission of full engineering plans to the Council for its approval at the time an Outline Plan of Works is submitted to the Council and the completion of all works prior to commencement of the activity.

### *Explanation:*

The above rule will ensure that no stormwater problems are generated by the proposed works.

### **9.7 Rooding**

Prior to the commencement of any wastewater activities in Area 1A, Ascot Road is to be upgraded at no cost to the Council along the frontage of Areas 1A and 1B as far west as the Oruarangi/Montgomerie Roads

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intersection. This upgrading shall include the widening of Ascot Road to provide for a total carriageway width of 10.5m (2m parking lane, two 3.5m lanes and 1.5m shoulder). The upgrading shall also include the provision of a non-standard berm, kerb and channel and footpath and the relocation of all necessary network and public utility services within the existing legal road. Proposed works at the intersection of Oruarangi/Montgomerie Roads shall be aligned with the extension of Ascot Road to Island Road. These works are to be undertaken in accordance with Council's engineering performance standards (except the non-standard berm) to the satisfaction of the Manager — Infrastructure Policy and at no cost to Council.

### *Explanation:*

Upgrading of the northern side of Ascot Road, adjacent to Area 1A will provide for kerb and channelling. The future road works described above (the proposed works at the intersection of Oruarangi and Mongomerie Roads may require additional land) are capable of being undertaken within the existing legal road boundaries of Ascot Road. However further development within Area 1 may require an increase in the width of Ascot Road as indicated on the planning maps.

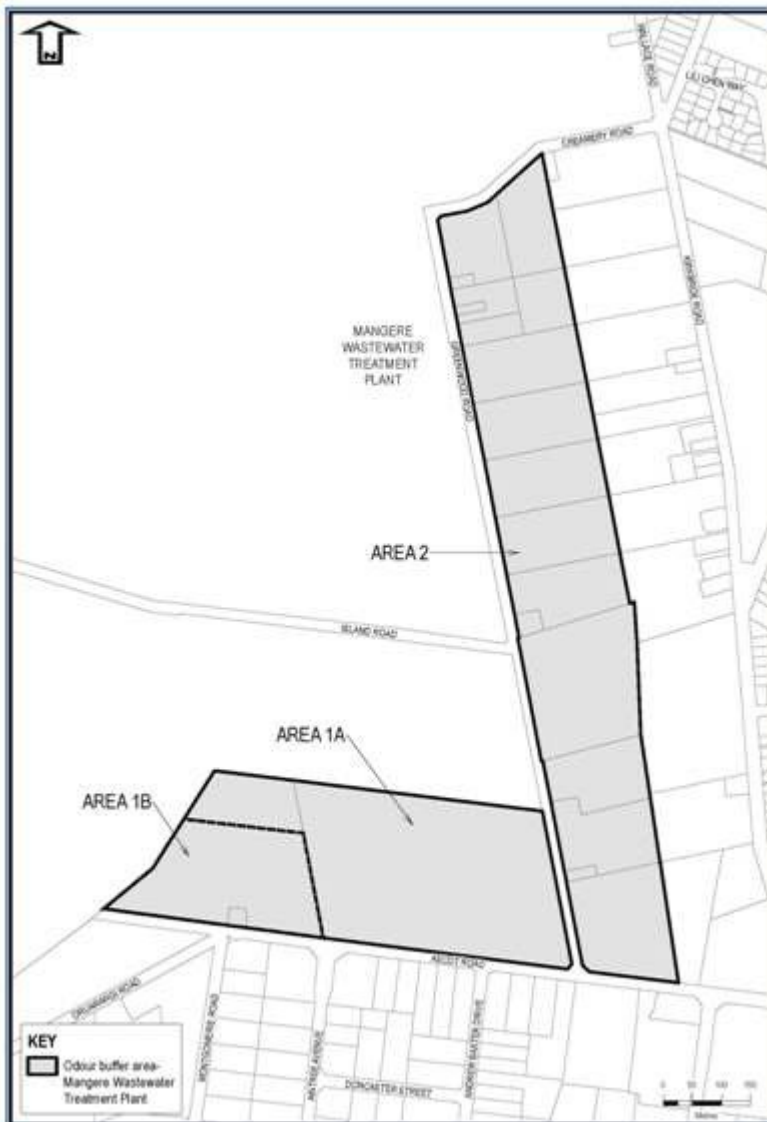
Currently (1996) that part of Ascot Road to the west of Mongomerie road is unsealed. However this part of Ascot Road will be formed and sealed by WSL in order to construct a road embankment enclosing the north-eastern corner of Pond 2 and providing road access to the Island Road causeway from Ascot Road. The proposed extension of Ascot Road to Island Road will provide an alternative route to Puketutu Island which would bypass that part of Island Road between Greenwood Road and the new road embankment.

WSL intend to seek the closure of Island Road between Greenwood Road and the new road embankment. This will enable the integration of those parts of the treatment plant to the north and south of Island Road. However before any statutory procedures to close part of Island road are commenced the proposed Ascot Road extension would need to comply with the Council's roading standards including the provision of a suitable walkway linking Kirkbride Road with Puketutu Island.

## Attachments

### **Figure 5.8 - Odour Buffer Area Mangere Wastewater Treatment Plant**

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### 9504 Mangere Pipeline

Designation Number	9504
Requiring Authority	Watercare Services Ltd
Location	4W Witla Court, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pipelines, chambers and associated structures.

### Conditions

No conditions.

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### Attachments

No attachments.

#### 9505 Flat Bush Pump Station

Designation Number	9505
Requiring Authority	Watercare Services Ltd
Location	58 Murphys Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 147, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9506 Redoubt North Reservoirs

Designation Number	9506
Requiring Authority	Watercare Services Ltd
Location	396B (and access over 390V and 394B) Redoubt Road, Manukau
Rollover Designation	Yes
Legacy Reference	Designation 148, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9507 Redoubt Road Reservoir

Designation Number	9507
Requiring Authority	Watercare Services Ltd



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Location	477A Redoubt Road (Pt Lot 1 DP 24865 and SO 60815), Manukau
Rollover Designation	Yes
Legacy Reference	Designation 149, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9508 Mill Road Reservoir Complex

Designation Number	9508
Requiring Authority	Watercare Services Ltd
Location	38 Mill Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 150, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs, pump stations and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9509 Mill Road Reservoir

Designation Number	9509
Requiring Authority	Watercare Services Ltd
Location	95 Mill Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 151, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

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Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9510 Ardmore Pump Station

Designation Number	9510
Requiring Authority	Watercare Services Ltd
Location	28 Alfriston Ardmore Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 152, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station, reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9511 Wastewater purposes and Ambury Regional Park

Designation Number	9511
Requiring Authority	Watercare Services Ltd
Location	66 Wellesley Road (Ambury Regional Park), Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 153, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes and Ambury Regional Park.

### Conditions

No conditions.

### Attachments

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No attachments.

### 9512 East Tamaki Reservoir

Designation Number	9512
Requiring Authority	Watercare Services Ltd
Location	17A and part of 17R Gracechurch Drive, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 154, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9513 Ardmore Water Treatment Plant

Designation Number	9513
Requiring Authority	Watercare Services Ltd
Location	250 Creightons Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 155, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Ardmore Water Treatment Plant

### Conditions

No conditions.

### Attachments

No attachments.

### 9514 McLaughlins Pump Station

Designation Number	9514
Requiring Authority	Watercare Services Ltd
Location	27 Diversey Lane, Manukau Central

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Rollover Designation	Yes
Legacy Reference	Designation 156, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9515 Papatoetoe Pump Station

Designation Number	9515
Requiring Authority	Watercare Services Ltd
Location	51 Hillside Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 157, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9516 Howick Pump Station

Designation Number	9516
Requiring Authority	Watercare Services Ltd
Location	4R and 6R Granger Road (Rangitoto View Road Esplanade Reserve), Howick
Rollover Designation	Yes
Legacy Reference	Designation 158, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

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Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9517 Middlemore Pump Station

Designation Number	9517
Requiring Authority	Watercare Services Ltd
Location	140 and part of 100 Hospital Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation 159, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9518 Manurewa Pump Station

Designation Number	9518
Requiring Authority	Watercare Services Ltd
Location	39R Wattle Farm Road, Wattle Downs
Rollover Designation	Yes
Legacy Reference	Designation 160, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

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### 9519 Manurewa West Pump Station

Designation Number	9519
Requiring Authority	Watercare Services Ltd
Location	283R Mahia Road (Pt Lot 1 DP 25887 and SO 46795), Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 161, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9520 Pakuranga South Pump Station

Designation Number	9520
Requiring Authority	Watercare Services Ltd
Location	51 Ben Lomond Crescent, Pakuranga Heights
Rollover Designation	Yes
Legacy Reference	Designation 162, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9521 Bucklands Beach Pump Station

Designation Number	9521
Requiring Authority	Watercare Services Ltd
Location	2A Vivian Wilson Drive and part of 150 Bucklands Beach Road, Bucklands Beach

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Rollover Designation	Yes
Legacy Reference	Designation 163, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9522 East Tamaki Pump Station

Designation Number	9522
Requiring Authority	Watercare Services Ltd
Location	207 and part of 201 Highbrook Drive, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 164, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9523 Mangere Pump Station

Designation Number	9523
Requiring Authority	Watercare Services Ltd
Location	137 Gadsby Road and road reserve, Favona
Rollover Designation	Yes
Legacy Reference	Designation 165, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

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### Conditions

No conditions.

### Attachments

No attachments.

#### 9524 Otara Pump Station

Designation Number	9524
Requiring Authority	Watercare Services Ltd
Location	84R Wymondley Road and Allot 295 Parish of Manurewa (Billington Esplanade Reserve), Otara
Rollover Designation	Yes
Legacy Reference	Designation 166, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9525 Pakuranga North Pump Station

Designation Number	9525
Requiring Authority	Watercare Services Ltd
Location	103R Prince Regent Drive (Wakaaranga Creek Reserve), Half Moon Bay
Rollover Designation	Yes
Legacy Reference	Designation 167, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.



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### 9526 Pakuranga (Millen Avenue) Pump Station

Designation Number	9526
Requiring Authority	Watercare Services Ltd
Location	13 and 15R Millen Avenue, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 168, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9527 Mangere Bridge Pump Station

Designation Number	9527
Requiring Authority	Watercare Services Ltd
Location	7D Kiwi Esplanade, Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 169, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9528 Greenmount Branch Sewer

Designation Number	9528
Requiring Authority	Watercare Services Ltd
Location	5 St Leger Close to 30 Matarangi Road, East Tamaki
Rollover Designation	Yes

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Legacy Reference	Designation 170, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pipeline and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9529 Southwestern Interceptor Line

Designation Number	9529
Requiring Authority	Watercare Services Ltd
Location	257 Roscommon Road, Manurewa to Jimmy Ward Crescent (400 George Bolt Memorial Drive), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 171, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Southwestern Interceptor.

### Conditions

No conditions.

### Attachments

No attachments.

### 9530 Botany Pump Station

Designation Number	9530
Requiring Authority	Watercare Services Ltd
Location	107 Golfland Drive (Corta Bella Place Reserve), Howick
Rollover Designation	Yes
Legacy Reference	Designation 172, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

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### Conditions

No conditions.

### Attachments

No attachments.

#### 9531 Weymouth North Pump Station

Designation Number	9531
Requiring Authority	Watercare Services Ltd
Location	54R Pitt Avenue, Clendon Park
Rollover Designation	Yes
Legacy Reference	Designation 173, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9532 Weymouth Pump Station

Designation Number	9532
Requiring Authority	Watercare Services Ltd
Location	18R Hazards Road and 29R Greers Road, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 174, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

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### 9533 Manurewa Pump Station

Designation Number	9533
Requiring Authority	Watercare Services Ltd
Location	Browns Road (unformed road reserve adjoining 257 Roscommon Road), Clendon Park
Rollover Designation	Yes
Legacy Reference	Designation 175, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9534 Mangere (Hinau Street) Pump Station

Designation Number	9534
Requiring Authority	Watercare Services Ltd
Location	2A and 4 Hinau Street, and 6R Walmsley Road (Tarata Creek Reserve), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 176, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Wastewater purposes - pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9535 Maraetai Pump Station

Designation Number	9535
Requiring Authority	Watercare Services Ltd
Location	Te Puru Park, 954R Whitford-Maraetai Road, Maraetai

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Rollover Designation	Yes
Legacy Reference	Designation 220, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachment.

### 9536 Manurewa Reservoir

Designation Number	9536
Requiring Authority	Watercare Services Ltd
Location	37 Walpole Avenue, Hill Park
Rollover Designation	Yes
Legacy Reference	Designation 221, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9537 Beachlands Wastewater Treatment Plant

Designation Number	9537
Requiring Authority	Watercare Services Ltd
Location	100 Okaroro Drive, Maraetai
Rollover Designation	Yes
Legacy Reference	Designation 228, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Beachlands Wastewater Treatment Plant.

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## Conditions

No conditions.

## Attachments

No attachments.

### 9538 Tamaki South East Branch Sewer

Designation Number	9538
Requiring Authority	Watercare Services Ltd
Location	Ormiston Road (road reserve adjoining No. 123), East Tamaki to Murphys Road (road reserve adjoining No. 251), Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 268, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

Wastewater purposes - Tamaki South East branch sewer and wastewater pump stations.

## Conditions

1. That an Outline Plan of Work be submitted prior to the proposed construction of the sewer. This Outline Plan shall include details in respect of depth, size of pump stations, and the nature of incoming sewers and verification as to the catchment they will serve.
2. That proposed Pump Station 61 be amended to avoid encroachment on the downstream face of the Rongomai Dam and to be located outside of the overflow zone of this dam.
3. An alternative provision for access to Pump Station 61 shall need to be provided to avoid stress to the Rongomai Dam.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise
5. That an archaeologist shall be present to monitor an excavation of the higher land to the east of Preston Road Reserve, in the general vicinity of proposed Pump Station No 61 as identified in the 7 June 1996 report by Clough and Associates – Tamaki South East Interceptor Route – Preliminary Archaeological Survey for the Feasibility Investigation, at the time works are undertaken to construct the sewer.
6. That all land shall be fully reinstated as soon as practicable upon completion of installation of the sewer.
7. All land modification works associated with the activity involving either removal of soil from the site to an approved cleanfill location or its relocation on site, are to be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no dust or soil erosion/siltation which, in the opinion of an enforcement officer who is employed by Council, is objectionable offensive, or has the potential to create an adverse effect on the receiving environment.

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### Attachments

No attachments.

### 9539 Kawakawa Bay Wastewater Treatment Plant

Designation Number	9539
Requiring Authority	Watercare Services Ltd
Location	123 Kawakawa-Orere Road, Kawakawa Bay
Rollover Designation	Yes
Legacy Reference	Designation 295, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Kawakawa Bay Wastewater Treatment Plant.

### Conditions

1. That the development and operation of the Wastewater Treatment Plant shall be in accordance with the plans and information supplied with the Requirement, and numbered Proposal 28184 by Council, and in particular with the following:

The AEE notated Kawakawa Bay Wastewater Scheme Wastewater Treatment and Disposal, Glen Forest. by Manukau Water Ltd dated September 2006 and as amended by the following:

- a. The letter dated 27 October 2006 from Hill Young Cooper including Attachments.
- b. The letter dated 31 October 2006 from Hill Young Cooper including Attachments.

2. Prior to any works commencing on the site, Manukau Water Ltd shall prepare and submit to the Manager — Resource Consents for approval a landscape plan for the site.

a. The plan shall provide for:

- i. Details (including species and plant size) of the planting of suitable native trees along that part of the site adjoining Kawakawa-Orere Road as illustrated on Drawing No 120731-Landscape submitted to the Council on 31 October 2006;
- ii. Condition 3(i) above shall include the planting of at least ten suitable native trees with a minimum size of Pb200 along the frontage of Kawakawa-Orere Road;
- iii. The rehabilitation and landscaping of all areas subject to earthworks; and
- iv. Such other planting and related works to mitigate the adverse visual effect of the building. Riparian planting on the Rautawa Stream riparian strip between the proposed discharge location and the Manukau Water property boundary and between potential flow pathway spray irrigation zones and any Category 1 streams. The objective of the riparian planting is for it to be self-sustaining. Sections 2.3 through to 2.5 of the ARC TP 148 Strategy as well as the entire TP 148 Planting Guide shall be implemented in this regard.

b. Subject to any amendments or additional planting or landscaped works required by the Manager — Resource Consents, the approved landscape plan shall be implemented in the first planting season following commencement of works.

c. All landscaping works required by the site landscape plan shall be maintained and watered postplanting and any failed, damaged or removed planting shall be reinstated as soon as practical. At the end of the second year post-planting, an arborist's report shall be submitted to the Manager — Compliance and Enforcement to verify that the landscaping plan has been successfully implemented. (Note: The preparation and implementation of the Landscaping and Planting Plan required above, is also required of ARC consent 30833).

3. All works shall be in general accordance with the application and plans submitted and shall be subject to the

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following requirements:

- a. All materials, workmanship and testing shall be in accordance with the current Manukau City Council Engineering Quality and MANARC Standards or Manukau Water Limited Design and Material Standards as appropriate;
  - b. All construction work, shown on the attached plans, shall be supervised by an engineering representative appointed by the owner — refer to MCC Engineering Quality Standards and Manukau Water Limited Design and Material Standards;
  - c. On completion of the work, as-built plans and a completion certificate, in accordance with the Council's Quality Assurance Manual and Manukau Water Limited Design and Material Standards, shall be forwarded to Council's appointed field officer; and
  - d. A 'pre-construction' meeting shall be arranged a minimum of 48 hours prior to commencement of the works. Please contact the Council's Legal Administrator, Resource Compliance Team, (Phone 2628900 extension 5877).
4. Prior to any works commencing on site, an Auckland Regional Council Soil Conservation consent shall be obtained for the proposed works and a copy supplied to the Council.
5. The earthwork construction shall be undertaken in accordance with the recommendations of the Geotechnical Report prepared by Harrison Grierson Consultants Ltd referenced June 2005, the application submitted including the Environmental Management Plan prepared by Fulton Hogan Ltd dated June 2006 and in compliance with all conditions of the Auckland Regional Council sediment control consent 30831. As the earthworks are progressively completed, the site shall be stabilised against erosion.
6. The earthworks shall be supervised as required by a geotechnical engineer to ensure that the subsurface conditions and procedures are compatible with the recommendations of the geotechnical report. Where substantive amendments are necessary they shall be referred and approved by the authors of the report.
7. All land modification works shall be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no 'dust' or 'soil erosion / siltation', which in the opinion of the Manager - Compliance and Enforcement, is objectionable, offensive or has the potential to create an adverse effect on the receiving environment.
8. The applicant shall be responsible to ensure that the land within the above site and the land on adjoining properties remains stable at all times in respect to the approved works.
9. Control measures shall be in place to ensure that any trucks leaving the site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the applicant's expense.
10. Prior to development commencing, the applicant shall provide Council's Manager - Compliance and Enforcement with details of the level of communication with neighbouring property owners/occupiers and identification of the liaison person. The applicant shall ensure that, before commencement of the development, the owners of all adjoining properties are notified in writing of the development in general, its expected duration, the times at which it will be undertaken, and the name of a responsible person with whom neighbours can liaise if the need arises. (Any queries in the foregoing should be referred to the Manager - Sustainable Environment and Infrastructure).
11. A foundation completion report for the site shall be submitted to the satisfaction of the Manager — Compliance and Enforcement for approval upon completion of the land modification works. The report shall readdress the previous recommendations for this site and provide further amendments and recommendations as necessary.



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12. Prior to any work commencing on the site, the Requiring Authority shall undertake a survey of the background ambient noise levels at the closest boundary of 128 Kawakawa-Orere Road and any other appropriate locations. The survey shall be undertaken over a typical 24 hour period and shall be carried out in accordance with New Zealand Standards NZS6801:1991 Measurement of Sound and NZS6802:1991 Assessment of Environmental Sound. The results of the survey shall be sent to the Manager — Resource Consents and the Manager — Development Compliance as soon as practical.

13. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise

14. The operational noise of the treatment plant shall at all times comply with the following noise limits when measured at or within the notional boundary of any site zoned rural:  
Activity Average Maximum Level L10dBA Maximum LmaxdBA  
Monday to Saturday 7.00am-6.00pm (0700-1800) Monday to Saturday 6.00pm-10.00pm (1800-2200) At all other times 10.00pm-7.00am (2200-0700)  
Business and Recreational activities (at or within the notional boundary) 50 45 40 70 (or the background plus 30 whichever is the lower)

15. The operational noise of the treatment plant shall at all times comply with the following noise limits when measured at or within the notional boundary of any site zoned Residential Settlement Unserviced:  
Average Maximum Level L10dBA Maximum LmaxdBA  
Monday to Saturday 7.00am-6.00pm (0700-1800) Monday to Saturday 6.00pm-10.00pm (1800-2200)  
Sundays and Public Holidays 7.00am-10.00pm (0700-2200) At all other times 10.00pm-7.00am (2200-0700)  
45 40 35 65

16. Notwithstanding compliance with Condition 18 above, the plant shall be designed and operated so that the background noise levels determined by condition 15 are not exceeded to the extent that an adverse noise level is generated within the boundaries of the sites zoned Residential Settlement Unserviced from 100 to 128 Kawakawa-Orere road.

17. At one month, six months and twelve months after the commencement of the operation of the wastewater treatment plan, the Requiring authority shall submit to the Council a certificate from a recognised acoustics specialist specifying that the noise levels generated by the wastewater treatment plant comply with conditions 17, 18 and 19.

18. In the event that an aerator or similar device is required to aerate the effluent in the seasonal pond, the Requiring Authority shall prior to the installation of the device submit to the Council a certificate from a recognised acoustics specialist specifying that the noise levels generated by the aerator or similar device complies with conditions 17, 18 and 19.

19. The noise conditions 15–21 above may be reviewed by Council, pursuant to Section 128 of the Resource Management Act 1991 by the giving of notice pursuant to section 129 of the Act one year after the commencement of the operation of the Water Treatment Plant.

20. That if subsurface archaeological evidence should be unearthed during construction (e.g. intact shell midden, hangi, storage pits relating to Māori occupation, or cobbled floors, brick or stone foundation, and rubbish pits relating to 19th century European occupation), work should cease in the immediate vicinity of the remains and the Manukau City Council, Historic Places Trust and tangata whenua should be contacted so that appropriate action can be taken. This includes such persons being given a reasonable time to record and recover archaeological features discovered before work may commence.

21. That if modification of an archaeological site is necessary, an Authority to modify must be applied for under

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Section 11 of the Historic Places Act 1993 in addition to any required approval of the Manukau City Council (Note that this is a legal requirement).

22. That in the event of human remains being uncovered, work should cease in the immediate vicinity and the tangata whenua, Historic Places Trust and NZ Police should be contacted so that appropriate arrangements can be made.

23. The Requiring Authority shall:

a. Consult with tangata whenua and representatives of local residents (Including the Kawakawa Residents Association) to facilitate the establishment of a Community Committee as soon as practicable after the designation becomes operative.

b. The Committee shall comprise eight persons as follows:

i. A representative of the Clevedon Community Board.

ii. A representative of the Kawakawa Residents Association.

iii. A representative of tangata whenua.

iv. A representative of the community in general, preferably a resident living in proximity to the treatment plant.

v. Up to two representatives appointed by Manukau Water Ltd.

vi. Up to two representatives appointed by the Manukau City Council.

vii. Up to two representatives appointed by the Auckland Regional Council.

c. The purpose of the Committee shall be to discuss matters relevant to the installation, operation and maintenance of the wastewater treatment system including, but without limitation, any concerns and complaints of residents and visitors and the timeliness and method of alleviating them.

d. Manukau Water Ltd shall ensure its representatives attend meetings of the Committee which should be held on a quarterly basis.

e. At the quarterly meetings, Manukau Water Ltd shall disseminate information to the Committee about the operation of the wastewater treatment system including the results of any monitoring, the timing and extent of any discharges of treated effluent to the Rautawa Stream and present logs of all complaints including what action was taken and the results of that action.

### Attachments

No attachments.

### 9540 Hunua No. 4 Watermain

Designation Number	9540
Requiring Authority	Watercare Services Ltd
Location	Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681), Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 307, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Hunua No. 4 Watermain.

### Conditions

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 3 March 2010 and supporting documents being "Hunua No. 4 Watermain Assessment of Effects on the

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Environment”, Volumes 1, 2 and 3, dated 3 March 2010.

2. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:

- a. review the width of the area designated for the Project;
- b. identify:
  - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the pipeline and ancillary activities;
  - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/ facilities or other associated structures);
- c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project and provide a plan of the final designated areas to Council; and
- d. provide as-built plans to the Council.

3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated, to ensure that a project contact person is available by telephone 24 hours per day / seven days per week during the construction phase.

4. The designation shall lapse if not given effect within 10 years from the date on which it is included in the District Plan.

5. Those stages of the works within the designation and previously approved under separate land use resource consents are exempt from the following conditions 6 -51, namely:

- a. Manukau City Council Resource Consent P35070 granted 29 October 2008;
- b. Manukau City Council Resource Consent P36892 granted 3 February 2010;
- c. Manukau City Council Resource Consent P37244 granted 21 May 2010; and
- d. Manukau City Council Resource Consent P37514 granted 15 July 2010;

6. Except as provided for in Condition 7, the Requiring Authority shall submit an OPW for the Project or for each Project stage in accordance with Section 176A of the RMA.

7. An OPW need not be submitted if the Council has waived the requirement for an OPW in accordance with Section 176A(2)(c) of the RMA.

8. The OPW shall include the following Management Plans for the relevant stage(s) of the Project: Construction Management Plan (“CMP”); Construction Noise and Vibration Management Plan (“CNVMP”); Network Utility Management Plan (“NUMP”); and the Traffic Management Plan (“TMP”).

9. The Requiring Authority shall prepare a CMP or Plans for the Project overall or for each of the relevant Project stages. The purpose of the CMPs is to set out the detailed management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The CMPs shall be provided to the Council with the relevant OPW for the stage it relates to.

10. The CMPs required by Condition 9 shall include specific details relating to the management of all construction activities associated with the Project or relevant Project stage, including:

- a. details of the site or project manager and the construction liaison person identified in condition 3, including their contact details (phone, facsimile (if any), postal address, email address);

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- b. an outline construction programme, indicating in particular the likely time periods for road closures and anticipated traffic diversion effects;
- c. the hours of construction;
- d. measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal / storage of rubbish, storage and unloading of construction materials and similar construction activities;
- e. location of site infrastructure including site offices, site amenities, contractors yards, site access, equipment unloading and storage areas, contractor car parking, and security.
- f. the layout of the construction yard at the manukau sports bowl, including associated buildings, fencing and site access;
- g. procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials from the work site or places adjacent to the work site;
- h. procedures for the protection of significant trees and other vegetation;
- i. procedures for ensuring that residents, road users and businesses in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration and effects of the works;
- j. a health and safety plan;
- k. procedures for responding to complaints about construction activities;
- l. procedures for management of traffic incidents within the works area;
- m. procedures for the management of works which directly affect or are located in close proximity to existing network utility services;
- n. construction noise and vibration management;
- o. protocols for the management of ground breaking activities along the pipeline route to manage effects on the environment and human health should any contamination issues be encountered;
- p. procedures for the refuelling of plant and equipment;
- q. engineering design and construction drawings; and
- r. the provision for the storage of fuels, lubricants and refuelling to be managed in such a manner so as to prevent the discharge of contaminants from spillages.

11. The CMP shall be implemented and maintained throughout the entire construction period for the Project or relevant Project stage to manage potential adverse effects arising from construction activities to the greatest practicable extent.

12. The Requiring Authority shall:

- a. use trenchless construction methods to lay the pipeline under State Highway 1 at Reagan Road;
- b. not undertake any works or associated activities on State Highway 20B within the vicinity of the SH20/Puhinui Road (SH20B) interchange in a manner that alters the current level of service at this interchange without NZ Transport Agency prior approval; and
- c. locate the pipeline as close as is practicable to the centreline of the legal width of Campana Road, Papatoetoe.

13. The Requiring Authority shall prepare a detailed site management plan for the two directly affected market garden properties between Campana Road and Pukaki Road, in consultation with the owners of those properties. The site management plan shall be prepared with assistance from a suitably qualified expert with experience in market garden practices. In addition to matters covered elsewhere in these conditions, the site management plan shall include consideration of:

- a. methods to prevent contamination of soil;
- b. methods to prevent weed infestation;
- c. programming of works to take account of seasonal variations and other business activities;
- d. management and replacement of subsoil and topsoil;
- e. provision for 24 hour access for the landowners' business activities;
- f. reinstatement and maintenance provisions;
- g. dust management measures; and

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h. other relevant matters as agreed in consultation with the property owners.

The appointment of this specialist and the preparation of the site specific plan shall be undertaken in consultation with the landowners.

13A. To avoid conflict with any future upgrading of this intersection, and if requested to do so by the Road Controlling Authority responsible for the intersection upgrading, the Requiring Authority shall reconfigure or relocate the proposed scour chamber at the intersection of Ascot Road and Kirkbride Road, Mangere, to an alternative agreed position at the Requiring Authority's own cost.

14. Notwithstanding anything in Condition 7, the Requiring Authority shall prepare and implement a NUMP so that design and construction of the Project adequately takes account of and includes measures for the safety, integrity, protection or, where necessary, relocation of existing network utilities.

15. A copy of the NUMP shall be provided to the Council prior to construction commencing.

16. The NUMP shall include, but not be limited to, the following matters:

- a. provisions for liaison with all network utility operators and other infrastructure providers whose assets are directly affected by or located in close proximity to the project;
- b. provisions to enable other utility operators to access existing infrastructure for maintenance at all reasonable times, or emergency works at all times, whilst construction activities associated with the project are occurring; and
- c. provisions to ensure that all construction personnel, including contractors, are aware of the presence and location of the various utility services which traverse, or are in close proximity to the Project, and the restrictions in place in relation to those services. This shall include plans identifying the service locations and appropriate physical indicators on the ground showing specific surveyed locations.

17. The NUMP shall be prepared in consultation with the relevant network utility operators and other infrastructure providers and, in addition to the matters listed in Condition 16, shall address the following matters in respect of works or activities in proximity to the relevant utility services:

- a. measures to identify the location of existing utility services accurately;
- b. measures for protection, relocation and / or reinstatement of network utility infrastructure;
- c. measures to provide for the safe operation of plant and equipment and the safety of workers in proximity to live utility services;
- d. measures to manage potential induction hazards;
- e. procedures to manage dust and any other material potentially able to cause damage to overhead transmission lines;
- f. earthworks management, depth and extent of earthworks;
- g. vibration management; and
- h. incident emergency management.

18. The Requiring Authority shall consult with, and provide detailed design and construction plans and specifications to the New Zealand Refining Company Limited, Wiri Oil Services Limited and Transpower at least 20 working days prior to the intended commencement of any physical construction works that have the potential to come within 12 metres of their assets.

19. The Requiring Authority shall ensure that the power supply to the New Zealand Refining Company Limited densitometer site located at the end of Campana Road is not interrupted as a result of the proposed construction works. Should power supply to the densitometer site be required to be isolated for the Project, Watercare shall ensure that back-up supply is maintained by way of a suitable generator.

20. In the development of the NUMP, the Requiring Authority shall also investigate opportunities for other network utility operators or infrastructure providers, where practicable, to undertake upgrading works at the

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same time as construction of the Project.

21. The NUMP may be prepared as a standalone management plan or may form part of the Construction Management Plan, as determined by the Requiring Authority.

22. A CNVMP shall be prepared for the Project or relevant Project stage, by a suitably qualified expert

23. The CNVMP shall include specific details relating to the control of noise and vibration associated with all Project works. The CNVMP shall be formulated and the works implemented to achieve, as far as practicable, compliance with the requirements of:

- a. NZS6803:1999 Acoustics — Construction Noise; and
- b. German Standard DIN 4150-3:1999 Structural Vibration – Effects of Vibration on Structures.

24. The CNVMP shall, as a minimum, address the following aspects with regard to construction noise:

- a. noise sources, including machinery, equipment and construction techniques to be used;
- b. predicted construction noise levels;
- c. hours of operation, including times and days when noisy construction work and blasting would occur;
- d. construction noise criteria for specific areas and sensitive receivers such as schools, child care centres, medical or aged care facilities;
- e. the identification of activities and locations that will require the design of noise mitigation measures such as temporary barriers or enclosures and the details of such measures where the Project noise criteria are predicted to be exceeded;
- f. the measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;
- g. development of alternative management strategies where full compliance with NZS6803:1999 cannot be achieved;
- h. methods for monitoring and reporting on construction noise; and
- i. methods for receiving and responding to complaints about construction noise.

25. The CNVMP shall also describe measures adopted to meet the requirements of German Standard DIN4150, and as a minimum shall address the following aspects

- a. vibration sources, including machinery, equipment and construction techniques to be used;
- b. provision for the determination of buildings that require pre-condition surveys to be re-evaluated following test blasts at the commencement of blasting;
- c. preparation of building condition reports on 'at risk' buildings prior to, during and after completion of works, where for the purposes of this condition an 'at risk' building is one at which the levels in the German Standard DIN4150 are likely to be approached or exceeded;
- d. provision for the use of building condition surveys to determine the sensitivity of the building(s) on the adjacent sites to ground movement in terms of the Line 1-3 criteria of the DIN standard;
- e. identification of any particularly sensitive activities in the vicinity of the pipeline route (e.g. commercial activity using sensitive equipment such as radiography or mass-spectrometry).
- f. alternative management and mitigation strategies where compliance with German Standard DIN 4150-3:1999 cannot be achieved;
- g. the measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders;
- h. methods for monitoring and reporting on construction vibration; and
- i. methods for receiving and responding to complaints about construction vibration.

26. The CNVMP shall be implemented and maintained throughout the entire construction period and shall be updated when necessary.

27. The Requiring Authority shall undertake a condition survey of the carriageway along the designated route



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and submit it to the Council prior to the commencement of construction. The condition survey shall include but not be limited to a photographic or video record of the carriageway along the designated route.

28. An overarching TMP shall be prepared for the Project and any future major programmed maintenance renewal or replacement works. The TMP should set out general processes for the submission of the appropriate Site Specific Traffic Management Plan ("SSTMP") to the Council and should address the following:

- a. the staging of the works including details of any proposals to work on multiple sections of the route concurrently;
- b. general methodology for determining when works will be undertaken on various road types (e.g. arterials, local roads etc);
- c. general methodology for selecting detour routes; and
- d. identification of any potential road closures and provision for emergency vehicles.

29. The TMP shall be provided to the Council at least one month prior to commencement of the Project or relevant Project stage.

30. SSTMPs shall be prepared for the Project or relevant Project stage, by a suitably qualified person. SSTMPs are to be provided to the Council with an application for the required Road Opening Notice (RON) prior to any work commencing on the relevant Project stage to which the SSTMP relates.

31. SSTMPs shall be provided to the Council no less than 15 working days prior to the commencement of construction.

32. SSTMPs shall describe the measures that will be taken to avoid, remedy or mitigate the traffic effects associated with construction of the Project or relevant Project stage. In particular, SSTMPs shall describe:

- a. traffic management measures to mitigate impact on traffic capacity at peak hours during weekdays and weekends;
- b. where road closures are deemed necessary by the Council, details of any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- c. the capacity of proposed detour route(s) and their sufficiency to carry the additional traffic volumes and any safety issues associated with the detour route, including mitigation measures where required;
- d. specific traffic management plans across arterial intersections such as Aspiring Avenue/Mathews Road, Te Irirangi Drive, and Great South Road;
- e. where the route crosses intersections with Regional Arterial roads, measures to maintain the existing number of lanes during the weekday peak periods of 7am – 9am and 4pm – 6pm except with prior approval of the Road Controlling Authority.
- f. provisions for safe and efficient access of construction vehicles and methods to manage the effects of the delivery of construction material, plant and machinery, including the potential effects of High Sided Vehicles and construction machinery on trees that overhang the designation;
- g. measures to maintain, where practicable, existing vehicle access to property in order to enable, as far as practicable, normal operations on the property to continue, or to provide alternative access arrangements;
- h. measures to maintain, where practicable, pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Such access shall be safe, clearly identifiable and seek to provide the shortest and most convenient detours where such detours are necessary;
- i. proposed monitoring to measure the impact of the works on traffic and the impact of the traffic management measures;
- j. definition of the proposed construction zone and area available for traffic; and the location of barriers and fences to protect the construction site;
- k. measures to maintain the normal day-to-day operations of public transport providers, or proposed alternatives where changes are required;
- l. any temporary changes in speed limit;

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- m. provision of safe and efficient access of construction vehicles to and from the construction site, including the movement of construction traffic on local roads; and
- n. the measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.

33. SSTMPs shall be prepared following consultation with the following key stakeholders:

- a. road controlling authorities;
- b. emergency services (police, fire and ambulance);
- c. local business associations;
- d. Auckland Regional Transport Authority (or its successor) and any bus operators which operate scheduled services along the route;
- e. schools and childcare centres with frontage or access to roads where works are taking place; and
- f. Auckland Airport.

34. The Requiring Authority shall provide, where practicable, two temporary traffic lanes adjacent to the construction works on roads carrying more than 5000 vehicles per day. In this respect the construction equipment and process shall be modified where practicable to achieve the lane provisions required. In addition, details of the hours of work for works on or adjacent to these roads shall be provided.

35. All TMPs (including SSTMPs) shall be consistent with the New Zealand Transport Agency Code of Practice for Temporary Traffic Management which applies at the time of construction.

36. All TMPs (including SSTMPs) shall be subject to an independent safety and traffic operational audit prior to being submitted to the Council.

37. As soon as practicable following completion of construction the Requiring Authority shall:

- a. repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by the Requiring Authority; and
- b. re-grass areas (including berms) that were previously grassed.

38. The Requiring Authority shall review the design details of the works in the vicinity of Hodges Road and Thomas Road having regard to the Council's future development plans for the Flat Bush Area. In this respect, the Requiring Authority shall, inter alia, for that portion of the pipeline east of Adamson Road:

- a. design the vertical alignment of the pipeline such that any future public road constructed over the pipeline can be designed in accordance with the 'Austroads Guide to Road Design' – Part 3, Geometric design and Part 4, Intersections and crossings; and
- b. review the vertical alignment of the pipeline across the Hodges Road gullies in consultation with the Council, including review of options to place the pipeline across the gullies on a pipe bridge, in an embankment, or in a trench following the current vertical profile of the ground, with the objective of the review being to confirm a vertical alignment for the pipeline which does not result in unreasonable constraints on the Council at the time the road is constructed.

The Requiring Authority shall submit detailed plans for the watermain in the Flat Bush area to the Council at least six months prior to construction, to provide an opportunity for the Council to co-ordinate their future development works with the proposed construction of the watermain.

39. On completion of construction within Council roads and State Highways, all works shall be reinstated in accordance with the Code of Practice for Working in Roads which applies at the date that the contract for the relevant Project stage is awarded, unless otherwise agreed between the Requiring Authority and the road controlling authority.

40. A completion report for each Project Stage shall be submitted to the Council detailing the reinstatement



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works on all public roads including Quality Assurance records.

41. The Requiring Authority shall submit to the Council, detailed as-built drawings in accordance with the Council's Quality Assurance Manual (QAM) within three months of the commissioning of each stage of the pipeline.

42. Construction hours shall be generally as follows, except where work is necessary outside the specified days or hours for the purposes specified in Conditions 42(a) to (e) below.

- Monday to Friday: 7am to 9pm;
- Saturday: 8am to 5pm; and
- Sundays and public holidays: No Work.

43. Purposes for which work may occur outside of the specified days or hours are:

- a. where work is specifically required to be planned to be carried out at low traffic times (for example, excavation across busy intersections);
- b. for delivery of large equipment;
- c. in cases of emergency;
- d. for securing of the site or removing a traffic hazard; and / or
- e. for any other reason specified in the CMP or SSTMP.

44. The Requiring Authority shall prepare a Communications Plan ("CP") setting out:

- a. the method/s of consultation and liaison with key stakeholders and the owners/ occupiers of neighbouring properties regarding the likely timing and duration of works, alternative routes, access to properties and any proposed alterations to public transport services;
- b. details of prior consultation or community liaison undertaken with the owners/occupiers of neighbouring properties, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road or lane closures, potential diversions and delays, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise; and
- c. full contact details for the person appointed to manage the public information system and be the point of contact for related inquiries.

45. The Requiring Authority shall submit the CP to the Council at least one (1) month prior to construction commencing on any defined stage.

46. When providing details as to how impacts of construction on trees and vegetation will be managed in the CMP, as required by condition 10, the following shall apply: [six detailed criteria included in conditions]

47. Following the completion of construction the Requiring Authority shall provide a monitoring report to the Council that lists all trees, in accordance with condition 39(a), that were subject to any cutting or damage of the roots, trunk, or canopy to an extent deemed more than minor by the Requiring Authority's arborist.

48. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed by the Requiring Authority in consultation with tangata whenua and the New Zealand Historic Places Trust prior to construction.

49. The Requiring Authority shall employ a qualified archaeologist who shall:

- a. prior to the commencement of works in the vicinity of the south bank of the Waiokauri Creek, engage an archaeologist to mark out the extent of the intact lens of site R11/ 1111;
- b. be on site to monitor earthworks in rural land adjoining the Waiokauri Creek, including surface stripping of the site, to establish whether any sub-surface archaeological features are present; and
- c. upon completion of the works, the archaeologist shall certify to the Council in writing whether or not any

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archaeological features have been discovered.

50. Subject to Condition 51, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. the Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. the Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

51. Condition 50 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact tangata whenua and the New Zealand Police.

52. The Requiring Authority shall notify the Council immediately on identification of any contamination found along the pipeline route which was not identified in the reports submitted in support of the Notice of Requirement, including contaminated soil, surface water or groundwater. Any contamination that is discovered shall be investigated, remediated, disposed of and reported on (including validation) in accordance with the Ministry for the Environment Contaminated Land Management Guidelines and the relevant guidelines addressing contaminants from specific industries or activities.

53. When contractors' yards or other temporary works areas are no longer required for any construction or operational purpose, all buildings, structures and associated activities (including site offices, storage and equipment sheds, fencing and hard stand areas) shall be removed and the area reinstated to at least the standard which existed prior to commencement of works.

54. Reinstatement of the Manukau Sports Bowl (1 & 19R Boundary Road) shall be undertaken in accordance with a specific site reinstatement plan, including proposed landscaping and maintenance, as agreed with Council's Manager – Parks.

### Attachments

No attachments.

### 9541 Cosseys Dam

Designation Number	9541
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Part Allot 67 Parish of Hunua, Lot 2 Allot 90 Parish of Otau and Lot 2 DP 33851
Rollover Designation	Yes
Legacy Reference	Designation 91A, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Cosseys Dam.

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### Conditions

No conditions.

### Attachments

No attachments.

#### 9542 Wairoa Dam

Designation Number	9542
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Pt Allotment 33, Allot 65A, 66, 91, 92, 93, 99, 145 and 157 Parish of Otau, and Lot 2 Allot 90 Parish of Otau.
Rollover Designation	Yes
Legacy Reference	Designation 91B, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Wairoa Dam.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9543 Wairoa Headworks Service Land

Designation Number	9543
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Lot 2 Allot 90 Parish of Otau, Allot 66, 91, 92, 93 Parish of Otau and Pt Allot 14 and 33 Parish of Otau
Rollover Designation	Yes
Legacy Reference	Designation 92, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - headworks service land.

### Conditions

No conditions.

### Attachments

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No attachments.

### 9544 Waiuku Wastewater Treatment Plant

Designation Number	9544
Requiring Authority	Watercare Services Ltd
Location	Near Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681) and adjoining esplanade reserve, Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Waiuku Wastewater Treatment Plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9545 Clarks Beach Wastewater Treatment Plant

Designation Number	9545
Requiring Authority	Watercare Services Ltd
Location	Torkar Road and part of 100 Stevenson Road, Clarks Beach
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Clarks Beach Wastewater Treatment Plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9546 Bombay Wastewater Treatment Plant

Designation Number	9546
Requiring Authority	Watercare Services Ltd
Location	Barber Road (Lot 10 DP 134365), Bombay Township

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Rollover Designation	Yes
Legacy Reference	Designation 114, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Bombay Wastewater Treatment Plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9547 Kingseat Wastewater Treatment Plant

Designation Number	9547
Requiring Authority	Watercare Services Ltd
Location	16A Buchanan Road, Kingseat
Rollover Designation	Yes
Legacy Reference	Designation 115, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - Kingseat Wastewater Treatment Plant.

### Conditions

No conditions.

### Attachments

No attachments.

### 9548 Pukekohe (Totara Avenue) Reservoir

Designation Number	9548
Requiring Authority	Watercare Services Ltd
Location	End of Totara Avenue (Rosesville Park), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 123, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Waster supply purposes - reservoir and associated structures.

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### Conditions

No conditions.

### Attachments

No attachments.

#### 9549 Pukekohe (Kitchener Road) Reservoirs

Designation Number	9549
Requiring Authority	Watercare Services Ltd
Location	176 Kitchener Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 124, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9550 Pukekohe (Anzac Road) Reservoir

Designation Number	9550
Requiring Authority	Watercare Services Ltd
Location	Anzac Road (Lot 1 DP 85420), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 125, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

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### 9551 Pukekohe Hill Reservoir

Designation Number	9551
Requiring Authority	Watercare Services Ltd
Location	327-339 Anzac Road (Pukekohe Hill Reserve), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 126, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - reservoir and associated structures

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9552 Clarks Beach Reservoir

Designation Number	9552
Requiring Authority	Watercare Services Ltd
Location	Leaming Place (Lot 145 DP 90274 and part of Lot 415 DP 90274), Clarks Beach
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - reservoir, pump station and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9553 Waiau Beach Reservoir

Designation Number	9553
Requiring Authority	Watercare Services Ltd
Location	Wharf Road and part of Lot 2 DP 458020, Waiau Beach
Rollover Designation	Yes

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Legacy Reference	Designation 131, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9554 Glenbrook Beach Reservoir

Designation Number	9554
Requiring Authority	Watercare Services Ltd
Location	40 Ronald Avenue (Glenbrook Beach Recreation Reserve), Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 132, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9555 Patumahoe Reservoir

Designation Number	9555
Requiring Authority	Watercare Services Ltd
Location	6 Carter Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 133, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.



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### Conditions

No conditions.

### Attachments

No attachments.

#### 9556 Buckland Reservoir

Designation Number	9556
Requiring Authority	Watercare Services Ltd
Location	518 Buckland Road, Buckland
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

#### 9557 Bombay Reservoirs

Designation Number	9557
Requiring Authority	Watercare Services Ltd
Location	Corner Paparata Road and Barber Road (road reserve), and part of Sec 1 SO 66791, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoirs and associated structures

### Conditions

No conditions.

### Attachments

No attachments.

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### 9558 Waiuku Reservoir

Designation Number	9558
Requiring Authority	Watercare Services Ltd
Location	83 Victoria Avenue (Lot 2 DP 134302), Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 138, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - reservoir and associated structures.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9559 Hydraulic Balancing Tank

Designation Number	9559
Requiring Authority	Watercare Services Ltd
Location	Corner of Rutherford Road and Runciman Road (Lot 1 DP 201876), Pukekohe East
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

#### Purpose

Water supply purposes - hydraulic balancing tank.

#### Conditions

No conditions.

#### Attachments

No attachments.

### 9560 Hays Creek Dam

Designation Number	9560
Requiring Authority	Watercare Services Ltd
Location	120 Hays Creek Road and 902 Hunua Road, Drury
Rollover Designation	Yes

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Legacy Reference	Designation 2, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - Hays Creek Dam.

### Conditions

No conditions.

### Attachments

No attachments.

### 9561 Papakura Reservoir and Pump Station

Designation Number	9561
Requiring Authority	Watercare Services Ltd
Location	279 Kaipara Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 3, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - reservoir, pump station and associated structures

### Conditions

No conditions.

### Attachments

No attachments.

### 9562 Papakura Water Treatment Plant

Designation Number	9562
Requiring Authority	Watercare Services Ltd
Location	241 Hunua Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 4, Auckland Council District Plan (Papakura Section) 1991
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - water treatment plant and associated structures.

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### Conditions

No conditions.

### Attachments

No attachments.

### 9563 Creightons Road Water Supply Purposes

Designation Number	9563
Requiring Authority	Watercare Services Ltd
Location	251 Creightons Road, Ardmore
Rollover Designation	Yes
Legacy Reference	Designation 5, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes.

### Conditions

No conditions.

### Attachments

No attachments.

### 9564 Hays Creek Water Supply Purposes

Designation Number	9564
Requiring Authority	Watercare Services Ltd
Location	Part of 2 and 9 Jones Road (corner Creighton and Jones Road), Drury
Rollover Designation	Yes
Legacy Reference	Designation 6, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes.

### Conditions

No conditions.

### Attachments

No attachments.

### 9565 Hingaia Pump Station

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Designation Number	9565
Requiring Authority	Watercare Services Ltd
Location	152 and 158 Park Estate Road, Hingaia
Rollover Designation	Yes
Legacy Reference	Designation 10, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Wastewater purposes - pump station and associated structures.

### Conditions

No conditions.

### Attachments

No attachments.

### 9566 Drury Pump Station

Designation Number	9566
Requiring Authority	Watercare Services Ltd
Location	103 Flanagan Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 42, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

### Purpose

Water supply purposes - pump station and associated structures

### Conditions

1. Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by Watercare in the Notice of Requirement dated 2 March 2012 and supporting report titled "Assessment of Effects on the Environment – Drury Pumping Station", dated March 2012 as well as the "Notice of Requirement – Drury Pumping Station 103 Flanagan Road, Drury Response to RMA Section 92 Request for Further Information" dated 23 March 2012.

#### Archaeology and Heritage

2. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. Watercare shall immediately secure the area so that any artefacts or remains are untouched; and
- c. Watercare shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate

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vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

### **Construction**

#### ***Earthworks and Excavations***

3. Prior to the works commencing there shall be a pre-commencement meeting on site with the Team Leader Compliance and Monitoring - Southern (301 0101), the consent holder, and the project manager / site supervisor. This meeting shall discuss the proposed work, how it is to be done, and conditions of consent.

4. Watercare shall implement suitable sediment control measures during all earthworks to ensure that all stormwater runoff from the site is managed and controlled such that no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with Auckland Council's Technical Publication No. 90. In the event that material is deposited on the street, Watercare shall take immediate action at Watercare's own expense to clean the street. These measures shall remain in place until the completion of the development.

#### ***Dust Suppression***

5. During construction the consent holder shall at all times control any dust in accordance with the Good Practice Guide for Assessing and Managing the Environmental Effects of Dust Emissions, Ministry for the Environment (2001). Mitigation measures shall be undertaken to the satisfaction of the Council's Team Leader Compliance and Monitoring – Southern.

#### ***Storage of Materials and Equipment***

6. There shall be no storage of construction materials, portable toilets and any other construction equipment or parking of vehicles, including sub-contractors' vehicles on Flanagan Road, except for site meetings. The above shall be stored or parked on-site.

#### ***Noise***

7. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise

#### ***Noise - Operational***

8. The following noise levels, measured at or within the boundary of any land zoned Residential or the notional residential boundary of any Rural zoned land, will be achieved by the proposed facility: Monday to Saturday 7.00am to 9.00pm 50 dBA L10 At all other times including Public Holidays 45 dBA L10.

Within 3 months of commencement of the activity on this site a suitably qualified acoustic engineer is to measure the actual noise levels of the facility and is to confirm to Council's Team Leader Compliance and Monitoring – Southern that the above noise standards are being met. The noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standard NZS6801:1991 "Measurement of Sound" and New Zealand Standards NZS6802:1991 "Assessment of Environmental Sound" or other subsequent appropriate standard existing at the time.

#### ***Transport and Access***

9. The vehicle entrance, vehicle access ways, vehicle manoeuvring areas and parking shall be formed, sealed and provided with stormwater drainage to the appropriate standards of the Auckland Council. The vehicle entrance shall be constructed to Plan R31 from the Auckland Council (Papakura) Development Code with the entrance being at right angles to the road side. The engineering plans for the entrance are to be approved by Council's Senior Development Engineer (Papakura) prior to works commencing.

#### ***Drawings and Plans***

10. The engineering drawings and specifications are to be in general accordance with the plans submitted with

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the application except that proposed SW MH3 could instead be connected directly to the 2100mm pipeline as a private connection without crossing Flanagan Road.

11. Certified as-built plans are to be provided for all piped drainage with these plans being provided to the Council to the satisfaction of Council's Senior Development Engineer (Papakura)

### Outline Plan of Works (OPW)

12. An OPW need not be submitted for the construction, operation and maintenance of the Drury pumping station for water reticulation purposes as the detail of this work is sufficiently described in documents provided in support of the Notice of Requirement (as described within condition 1 above) and has been assessed against Section 176A as required.

13. Watercare shall submit an OPW in accordance with Section 176A of the Resource Management Act 1991 for future water pump additions to the pumping station.

### Removal of Existing Designation

14. Within 1 month after the date that the new requirement for the Drury pumping station for water reticulation purposes is confirmed, Watercare shall serve notice to Auckland Council that pursuant to Section 182(1) of the Act that it no longer requires the existing designation for the boost pumping station as described by existing Designation 237 within the Auckland Council District Plan (Papakura section) / Designation 42 within Plan Change 13 to the Auckland Council District Plan (Papakura section).

## Attachments

No attachments.

### 9567 Puketutu Island Rehabilitation

Designation Number	9567
Requiring Authority	Watercare Services Ltd
Location	600 Island Road (Puketutu Island), Mangere
Rollover Designation	Yes
Legacy Reference	No number, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

### Description

Wastewater purposes - Puketutu Island Rehabilitation. Including but not limited to application of biosolids to land, landform rehabilitation and associated activities.

### Conditions

#### General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being Watercare Services Limited (Watercare), the Notice of Requirement dated 30 June 2008 and supporting documents being "Puketutu Island Rehabilitation Assessment of Effects on the Environment' Volumes 1, 2 and 3 dated 30 June 2008 and Section 92 Response Reports to Manukau City Council dated 1 October 2008 and 27 March 2009, as modified by Revised URS Drawings 2005210.301-342, 2005210.344-345, 2005210.347-359, 2005210.361-366, 2005210.368-371, 2005210.373-375, 2005210-377-378,2005210.382,2005210.388-389 and 2005210.391-392, July 2010.

2. Watercare shall continue to consult with tangata whenua and representatives of local residents (including the

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Mangere Bridge Residents and Ratepayers Association) through the existing Mangere Wastewater Treatment Plant (WWTP) Community Liaison Group to facilitate the Group extending its role to:

- a. Addressing matters relevant to the biosolids application on Puketutu Island including any concerns of tangata whenua and / or local residents and ways of alleviating them; and
- b. Discussing and selecting options for and disseminating information to the community about future management and use of the Island.

3. The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

3A. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:

- a. review the width of the area designated for the Project;
- b. identify:
  - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the pipeline and ancillary activities;
  - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/facilities or other associated structures);
- c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project and provide a plan of the final designated areas to Council; and
- d. provide as-built plans to the Council.

### Construction Noise

4. Construction noise arising from all construction, demolition or maintenance activities on the designated land shall comply with, and be measured and assessed in accordance with NZS6803: 1991 Acoustics - Construction Noise.

"Construction, demolition and maintenance" activities are defined in accordance with the definition provided in the same standard.

### Noise

5. The noise arising from any operational activities undertaken on the designated land, measured at or within the notional boundary of any dwelling outside the boundary of the designated land shall not exceed the following limits.

Monday to Saturday 17.00 a.m.-10.00 p.m	50 dBAL10
At all other times including Sundays and public holidays	45 dBA L 10
Monday to Sunday, 10.00pm - 7.00 am	75 dBA Lmax

The notional boundary shall be taken to be a line 20 metres from the facade of any dwelling or the legal boundary where this is closer to the dwelling. Noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standards (NZS 6801:1991 Measurement of sound and NZS 6802:1991 Assessment of Environmental Sound).

6. The requiring authority shall undertake noise measurements upon the reasonable request of the Council to determine compliance or otherwise with conditions 4 or 5. The objectives and specific requirements of the measurements and reporting shall be at the reasonable discretion of the Council.

### Archaeology and Heritage

7. Watercare shall, with the assistance of a suitably qualified archaeologist, collate all available documentation and background material relating to the heritage of Puketutu Island. This information shall be collated prior to commencement of works, in consultation with tangata whenua, New Zealand Historic Places Trust, and the Council. The collated information shall have the general objective of providing a framework for the future management of the island's cultural heritage in the longer term.



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8. Detailed cultural protocols for the management of archaeological discoveries shall be prepared in consultation with tangata whenua and the New Zealand Historic Places Trust and shall be provided to MCC and ARC prior to any work commencing. These detailed protocols shall confirm the names and contact details for tangata whenua to be contacted in accordance with Condition 9 below.

9. In the event of koiwi (skeletal remains) or archaeological evidence being uncovered work shall immediately cease in the vicinity of the discovery and the New Zealand Historic Places Trust archaeologist and tangata whenua shall be contacted so that the appropriate action can be taken before work recommences at that location. Resumption of work shall not occur until the required authorisation from the Historic Places Trust, has been received.

10. The stormwater discharge channel, associated spillway and stormwater trenches shall be designed so that recorded archaeological sites in the vicinity are avoided (with the exception of the two sections of dry stone walling). Where archaeological sites cannot be avoided an authority to destroy or modify under the Historic Places Act is first sought from the New Zealand Historic Places Trust.

11. An Authority shall be sought from the New Zealand Historic Places Trust prior to the start of earthworks associated with permanent stormwater soakage channels and the stormwater discharge channel to provide for the possibility that unrecorded subsurface features may be exposed when constructing stormwater channels.

### **Geological Heritage**

12. Any significant geological features discovered in areas unmodified by past quarrying, such as surface features or lava caves, shall be recorded and damage to those features shall, where practicable, be avoided or minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and the Manukau City Council for information and future reference.

### **Dust**

13. Beyond the boundary of the designated land there shall be no dust caused by the activities undertaken by Watercare which is noxious, dangerous, offensive or objectionable.

### **Traffic, Access and Utilities**

14. The Requiring Authority shall submit a detailed Traffic Management Plan to Manukau City Council for their approval one month prior to commencing works. All traffic and pedestrian control measures detailed in the Traffic Management Plan shall conform to the New Zealand Transport Agency manual entitled 'Code of Practice for Temporary Traffic Management Issue 2' and dated October 2002 (or successors). Specific matters to be addressed in the Traffic Management Plan shall include:

- a. The temporary diversion of traffic during construction;
- b. Traffic safety;
- c. Control at intersections;
- d. Consideration of hours of work for heavily trafficked roads;
- e. Maintenance of road and property access;
- f. Movement of construction traffic on local roads; and
- g. Ensuring that access between parts of any property temporarily severed by works is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue. This shall specifically include the operations on Puketutu Island of Living Earth Limited and the Marae Precinct, identified on Boffa Miskell Drawing A06072R-004 dated 7 July 2010.

14A. Road access from Island Road to the biosolids application area on the Island shall be:

- a. during the operation of the LEL greenwaste and composting facility, by way of the alternative access route marked in pink on the Plan titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B;
- b. after the operation ceases, or at such earlier time as may be approved in writing by the operator of the greenwaste and composting facility, by way of either the permanent access route marked in blue on the Plan

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titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B or the alternative access route marked in pink on the Plan titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B.

### Site Reinstatement

15. When the contractors' yard or other temporary works areas are no longer required for any construction or operational purpose, site offices, storage and equipment sheds, fencing and hard stand areas shall be removed and the areas landscaped and planted.

16. Once the transitional operational enablement area or parts of that area are no longer required by Watercare for any purpose associated with construction of the perimeter embankment or the ongoing biosolids application, the area shall be reinstated in a manner which does not preclude subsequent development of those areas by others for outdoor passive recreational purposes.

17. As soon as practicable following completion of construction, Watercare shall repair any damage to Island Road resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by Watercare.

### Rehabilitation Management Plan

18. The final Rehabilitation Management Plan described in Technical Report N shall be submitted to the Council for written approval. If no response from the Manager of Resource Consents is received within 30 working days of the Rehabilitation Management Plan being submitted, then approval is deemed to have been given.

### Outline Plan of Works

19. An Outline Plan of Works shall be submitted to MCC in accordance with Section 176A of the Resource Management Act 1991.

### Tangata Whenua

20. Watercare shall:

- a. Actively engage with local Iwi representatives through the WWTP Community Liaison Group, Te Motu a Hiaroa Charitable Trust and Te Motu a Hiaroa (Puketutu Island) Governance Trust so as to establish and implement a process by which Iwi can provide input into the future planning, development and monitoring of the Island;
- b. Report to the Council on the outcome of the Iwi liaison outlined in (a) above. In the event that no progress has been made in developing a process, Watercare shall appoint an Iwi Liaison person to assist with the development and implementation of the process set out in (a) above;
- c. At all times keep Iwi representatives apprised of the progress with the works and any proposals for the transfer of the Island into public ownership; and
- d. Watercare shall provide copies to the Te Motu a Hiaroa Charitable Trust and Te Motu a Hiaroa (Puketutu Island) Governance Trust of the Rehabilitation Management Plan and Landscape Management Plan identified in Conditions 18 and 21 at the same time as these Plans are provided to Council. Watercare shall consult with the two Trusts in relation to these Plans and consider any feedback received in relation to the Plans. To be considered by Watercare, any feedback must be provided within 20 working days of receipt of the Plans from Watercare.

### Landscape Management

21. Watercare shall prepare and implement a Landscape Management Plan for the whole designation area. The Landscape Management Plan shall be prepared prior to commencement of works. The purpose of this plan is to ensure:

- a. That ongoing screening of the rehabilitation activities is maintained throughout construction of the embankment, utilising both existing and proposed planting;
- b. That the existing plantations and woodlots are appropriately managed to assist with this screening; and
- c. That the completed landform is integrated with the island and its coastal environment.

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22. The Landscape Management Plan shall generally be in accordance with the following:

- a. Drawing No 2005210 - 560 to 564 Revision July 2010 Puketutu Island Rehabilitation: Landform and Staging Plan 2013, 2018, 2028, 2038 and Completion; and
- b. Technical Report I: Assessment of Landscape & Visual Amenity, prepared by Boffa Miskell Ltd, 30 June 2008, but modified to give effect to the drawings in Condition 22(a) and the Vision and Island Enhancement Plan Drawing 06072R002 - Revision D, 9 July 2010, specifically:
  - i. Appendix 1 - Boffa Miskell: Puketutu Rehabilitation – Plant List;
  - ii. Appendix 2 - Sir Henry Kelliher Charitable Trust – Plantations I Woodlot Information;
  - iii. Appendix 3 - Restoration Plan for Coastal Fringe of Puketutu Island, prepared by Landcare Research; and
  - iv. Appendix 5 - Auckland Regional Council - Park Vision for Puketutu Island January 2008.

23. In preparing the Landscape Management Plan Watercare shall take account of any known archaeological or heritage features in the location of the proposed landscape works, including identified features recorded in the Puketutu Island Archaeological Assessment (Clough and Associates) and the Landscape Survey and Assessment of Stone Walls on Puketutu Island (Clough and Associates) and any relevant information available under Condition 7 at the time that the Landscape Management Plan is prepared.

24. A draft copy of the Landscape Management Plan shall be provided to the New Zealand Historic Places Trust. Watercare shall consult with the New Zealand Historic Places Trust in relation to the draft Land Management Plan and consider any feedback received. To be considered by Watercare, any feedback must be provided within 20 working days of receipt of the Landscape Management Plan by the New Zealand Historic Places Trust.

25. The Landscape Management Plan shall be submitted to the Council as part of the Outline Plan of Works.

### **Definitions**

"Designated land" - refers to all areas of land included in the proposed designation as shown on Watercare Drawing Numbers 2005213-002 and 2005213003 Rev B included in Attachment 1 of the Notice of Requirement.

"Biosolids" - refers to sewage solids that are treated in order to comply with the requirements of USEPA Code of Federal Regulations Part 503 Pathogen and Vector Attraction Reduction Measures or other applicable standard submitted to the Manager ARC for approval.

### **Attachments**

No attachments.