

NATURAL RESOURCES

Submission Number	Attachment ref.	Theme	Topic	Sub-topic	Location or Provision Number	Reason	Decision sought or any similar amendments necessary to address the matters raised in this submission point
		Air Quality	H.4. Auckland wide rules	General permitted controls			
999					H.4.1 Air Quality, 2 Notification	A range of air discharges are provided for as restricted discretionary activities which reflects the fact that only a limited range of issues need to be considered in relation to many air discharges. However, this means that those activities are presumed to be non-notified, due to the general rules in the PAUP. This is inappropriate for certain activities that may have a significant effect on neighbours and other parties and it is appropriate that those activities be subject to the normal notification tests.	Amend H.4.1 Air Quality, 2 Notification as follows: 1. All restricted discretionary activities for discharges of contaminants to air will be subject to the normal tests for notification in the relevant sections of the RMA. 2. The following discharges of contaminants to air will be subject to the normal tests for notification under the relevant sections of the RMA: a. waste processes (excluding landfills and wastewater activities) b. rural activities
1000	Attachment 1000				H.4.1 Air Quality 1 Activity table, Outdoor burning row 3, column 6	For consistency, all outdoor burning activities should have the same status in Quarry zones as they do in Rural zones. Quarries are typically surrounded by rural land for buffering. Therefore, rural and outdoor burning activities status should be the same in both rural and quarry zones. Rural activities follow this convention in the activity table already.	Amend activity table as shown in attachment 1000.
1000A					H. 4.1 Air Quality, Table 1	Rules relating to the removal of coatings from wire have been duplicated in the Activity Table. The 2nd rule should be retained as it is the most comprehensive. The fireworks (commercial use of) rule was included in the PAUP after a commercial display caused an exceedance of the National Environmental standard for PM10 earlier this year. Further investigation of commercial firework activities and their impacts has been undertaken since this time and a threshold has been determined, below which adverse effects are unlikely to occur. The inclusion of the threshold makes the rule more permissive.	Outdoor Burning Fireworks (commercial use of) <u>at a rate more than 250kg per event</u> RD RD RD RD RD
1000B					H.4.1 Air Quality, Activity table 1	To remove duplication with the rules for biosolids which are regulated by their own section which includes regulation of effects of odour and dust beyond the boundary.	Delete the following activity from Activity Table 1: Disposal to ground of treated sewage sludge(biosolids) or septage (septic tank cleanings) up to 10t/day
		Contaminated Land	Chapter G.2.5 Accidental Discovery Protocols		G.2.5 Accidental discovery protocols		

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1001					G.2.5 Accidental discovery protocols (5)	<p>The requirement to obtain consent where work encounters contamination or landfill material is appropriate but as contaminated land is not a defined term it is more appropriate to link this rule to a term that is defined.</p> <p>It is also important to clarify what is not required to comply with the rule i.e. where the NES, a resource consent or designation that applies to the land already provides for the works.</p>	<p>Amend clause (5) as follows: Where <u>land containing elevated levels of contaminants contaminated land or landfill material</u> is encountered during the course of works and disturbance of that <u>contaminated land or landfill material</u> is not expressly allowed as a permitted activity in the Unitary Plan, <u>the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 (NES) or in any current</u> land use consent or designation, the site owner or site manager must take the following steps:</p>
			Chapter H.4.5.1 Activity Table & Introduction preamble		H.4.5.1		
1002					H.4.5 Contaminated land 1 Activity Table	The activity table needs to be amended to clarify that chemical testing and monitoring are included within the permitted activity rule consistent with the heading in the permitted activity controls.	Discharge of contaminants from intrusive investigations (including sampling soil), that involves either <u>chemical testing, monitoring (excluding soil fertility testing) or and</u> disturbing soil, on land containing elevated levels of contaminants.
1003					H.4.5 Contaminated land 1 Activity Table	Clarification is required that run-off from roads is managed by the stormwater quality rules, not as contaminated land discharges.	<p>Add new text below activity table as follows:</p> <p><u>For discharges from roads refer to H.14 Stormwater Management</u></p>
1004					H.4.5 Contaminated land 1 Activity Table	Up to 2000m ³ of disturbance other than for sampling on contaminated land is needs to be provided for as a permitted activity to avoid default to non-complying.	<p>Add new activity in H.4.5.1 activity table as follows:</p> <p><u>Disturbing up to 200m³ on land containing elevated levels of contaminants - Permitted</u></p>
1005					H.4.5 Contaminated land 1 Activity table	Stormwater treatment devices are specifically intended to capture contaminants before stormwater is discharged. This means that they can contain elevated levels of contaminants and therefore may be considered contaminated land under the PAUP. These devices are generally approved, installed and maintained, in a manner that ensures that the potential adverse effects from release of contaminants at the time of maintenance is managed. Treating these devices as contaminated land and requiring a resource consent under the PAUP risks duplicating existing requirements for the manner in which their maintenance is to be conducted.	<p>Insert note below activity table for contaminated land stating as follows:</p> <p><u>Stormwater treatment devices (and land containing such devices) are excluded from the requirements of this activity table where they are maintained in a manner which manages the release of contaminants into adjacent land or water.</u></p>
			H4.5.2.1 Controls - Permitted Activities		H.4.5.2.1		

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1006					H.4.5 Contaminated land 2.1 (new controls)	New development controls are required as a consequential amendment for the relief sought to provide for a permitted activity for small scale disturbance.	Add new development controls under 2.1 Controls - Permitted activities as follows: <u>2.1.6 Disturbance up to 200m³ on land containing elevated levels of contaminants</u> <u>1. Any contaminated materials removed from the site must be disposed of to a facility or site authorised to accept such materials.</u> <u>2. The volume of earthworks at any one time is less than 200 m³</u> <u>3. The duration of the soil disturbance activity must be no longer than 2 months.</u>
1007					H.4.5 Contaminated land 2.1.1	Amend rule heading to clarify that chemical testing or monitoring are parts of intrusive investigations. The purpose of this rule is to allow small scale disturbance for investigations.	Discharge of contaminants from intrusive investigations (including sampling soil) that involves <u>either</u> chemical testing, or monitoring (excluding soil fertility testing), or And disturbing soil, on land containing elevated levels of contaminants.
1008					H.4.5 Contaminated land 2.1.4 (1)	The purpose of the rule is to allow passive discharge of contaminants but the current wording requires perpetual monitoring and remediation regardless of presence of contamination.	Amend clause 4 (1) as follows: Discharges from land, for which resource consent for discharges of contaminants has previously been held, must meet all the consent condition requirements for that discharge consent, including for remediation and monitoring. <u>Contaminated land that has previously held resource consent for discharges from contaminated land and that has been approved by council as meeting all the consent condition requirements including for remediation and monitoring i.e. the closeout conditions, will be a permitted activity with no further management or monitoring conditions.</u>
			H4.5.2.2 Controls - Controlled Activities		H4.5.2.2		
1009					H.4.5 Contaminated land 2.2.1(2)(b)	The assessment of "significant adverse effects" is very subjective without first completing a site specific risk assessment.	Amend (2)(b) as follows: b. <u>based on a site specific risk assessment (relevant to environmental discharges)</u> discharges from the land are highly unlikely to cause significant adverse effects on the environment at the present or in the future , or
1009					H.4.5 Contaminated land 2.2.1(1)	Site specific risk assessment provision needed in addition to detailed site investigation in order to assess significant adverse affects.	Amend (1) as follows: 1. A detailed site investigation (contaminated land) <u>and risk assessment (relevant to environmental discharges)</u> must exist.
		Earthworks	Chapter C.5.2 Background, Objectives & Policies		C.5.2		
1010					Various	The UP makes reference to both AEP and ARI rainfall and flood events. Consistency is required.	Replace all ARI references with AEP

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1011					C.5.2 Earthworks Policy 2 (new policy)	Additional policy is required regarding hydrological changes to align with existing flooding and earthworks rules.	Add the following to Policy 2 as follows: 2. Manage earthworks to: <u>h. minimise unnecessary hydrological changes including redirection of water flows and loss of infiltration through compaction</u>
1012					C.5.2 Earthworks Policy 5		Amend Policy 5 as follows: 5. Require any proposal to discharge sediment laden water to a surface water body or to coastal water from the undertaking of earthworks for which resource consent is required, to demonstrate that: <u>a. sediment discharge has been minimised to the extent practicable having regard to the sensitivity of the receiving waters and associated values to sediment discharges</u> a. where the MCI in the receiving river or stream currently meets or exceeds the relevant guideline in Auckland wide Water quality and integrated management, Table 1: MCI guidelines for Auckland, the sediment discharge will not result in a long-term deterioration of the MCI b. where the MCI in the receiving river or stream currently does not meet the relevant guideline in Auckland wide Water quality and integrated management, Table 1: MCI guidelines for Auckland, the sediment discharge has been minimised to the fullest extent that is reasonably practicable
1013					C.5.2 Earthworks Policy 5	The policy does not adequately consider effects on sensitive downstream environments/users which should require specific assessment.	Amend Policy 5 as follows: Policy 5 d. any significant adverse effects on the present use of the receiving waters after reasonable mixing have been avoided, and other effects remedied or mitigated, particularly in areas where there is: <u>v. A downstream receiving environment that is sensitive to sediment accumulation.</u>
			H4.2.1.1	Activity Table - zones	H4.2.1.1		

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1014					H.4.2 Earthworks 1.1 Activity Table Zones	The rule applies to one of the listed criteria e.g. for earthworks up to 501m ² OR from 5m ³ up to 250m ³ . Currently, the rules read as though it only applies to earthworks where the activities meet both criteria and where earthworks activity not meeting both criteria is not provided for and becomes a non complying activity. The intention is that the rule will apply where earthworks activity meeting one of the listed criteria.	Amend table 1 rows 7-10 as follows: <i>General earthworks not expressly either permitted or requiring resource consent above in this table</i> - From 50m ² up to 500m ² and <u>or</u> from 5m ³ up to 250m ³ - From 501m ² up to 1000m ² and <u>or</u> from 251m ³ up to 1000m ³ - From 1001m ² up to 2500m ² and <u>or</u> from 1001m ³ up to 2500m ³ Amend table 2 row 2 as follows: <i>General earthworks not expressly either permitted or requiring resource consent above</i> - Greater than 2500m ² and <u>or</u> 2500m ³
1015					H.4.2 Earthworks 1.1 Activity Table Zones	Earthwork limits of '50m ² up to 500m ² and from 5m ³ to 250M ³ ' are too restrictive for large parks zoned "POS Conservation", particularly where trails other than walking tracks are proposed, e.g. equestrian or cycle trails.	Amend rule to apply only to parks of 1 hectare or less, or make rule "Permitted" for these earthwork amounts on POS Conservation, or similar.
1016					H.4.2 Earthworks 1.1 Activity Table Zones	Amend the first line of activity table to include walking, bridle and cycle tracks as follows	Amend to: Fences, utility connections, effluent disposal systems, swimming pools, garden amenities, <u>bridle and cycle tracks</u> , gardening, planting of any vegetation, arenas for equestrian activities, burial of marine mammals and walking tracks but excluding farm and forestry tracks.
1017					H4.2 Earthworks 1.1 - Activity Table Zones (second activity table relating to Network utilities and Road networks)	Earthworks in the strategic transport corridor zone (STCZ) are currently RDA but earthworks in roads are permitted. However, the effects are similar and a consistent approach is more appropriate. The activities for the STCZ should be amended so that earthworks are a permitted activity along with all other roads. Such earthworks are still regulated by the permitted activity controls.	Amend second activity table (tagged as rp/dp) and the note below the activity table as follows: Earthworks greater than 2500m ² or 2500m ³ - P* (in the last column) and remove the following below the activity table: If the activity marked with a * lies within the strategic-transport corridor this is a RD-activity.
1017A					H.4.2 Earthworks 1.1 Activity table (Network utilities and road networks)	To clarify the intent of the provisions for there to be a permitted level of earthworks for network utilities in the Rural Conservation, Public Open Space Conservation and Green Infrastructure Zones. This is inconsistent with general earthworks which are permitted up to 50m ² or 5m ³ .	Amend the part of the activity table for Network utilities and road networks in the Rural Conservation, POS Conservation ...as follows: <u>Earthworks less than 50m² or 5m³ other than for maintenance and repair</u> P
1017B					H.4.2 Earthworks 1.3 Activity table (Network utilities and road networks)	To provide consistency in wording with the general earthworks rules that this threshold applies to all works except maintenance and repair.	Amend activity table 1.3 as follows: Support, subject to amendment to clarify the applicability of the activities in the table and ensure there are no gaps. Amendment as follows: Earthworks up to 2500m ² or 2500m ³ for installation

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1017C					H.4.2 Earthworks 2.1.1(10)	<p>Firstly, it avoids the current duplication between the Auckland wide earthworks rules and the rules for sites and places of significance to Mana Whenua.</p> <p>Secondly, it clarifies that a 20 metre buffer applies (as opposed to 50 metres).</p> <p>Thirdly, it clarifies that the 20 metres buffer for scheduled historic heritage places does not apply beyond the 'extent of place', where this has been mapped. Most buildings have an 'extent of place' mapped to the property boundary.</p>	<p>Replace existing clause 10 with the following:</p> <p>In relation to historic heritage places and sites and places of significance to Mana Whenua, where the 'extent of place' is no mapped, earthworks must be located at least 20m from any scheduled historic heritage place or scheduled sites and places of significance to Mana Whenua.</p>
			H4.2.1.1 Activity Table - overlays		H4.2.1.1		
1018					H.4.2 Earthworks 1.2 Activity table Overlays	<p>Currently, the rules read as though it only applies to earthworks where the activities meet both criteria and where an earthworks activity not meeting both criteria is not provided for and becomes a non complying activity. The intention is that the rule will apply where an earthworks activity meeting one of the listed criteria.</p>	<p>Amend table rows 14-18 as follows:</p> <p><i>General earthworks not expressly either permitted or requiring resource consent above in this table</i></p> <ul style="list-style-type: none"> - From 5m² up to 50m² and <u>or</u> from 5m³ up to 250m³ - From 51m² up to 500m² and <u>or</u> from 251m³ up to 500m³ - From 501m² up to 1000m² and <u>or</u> from 501m³ up to 1000m³ <p>Greater than 1000m² and <u>or</u> 1000m³</p>
1019					H.4.2 Earthworks 1.2 - Activity Table overlays	<p>As currently worded all earthworks for installation of NUO are an RDA and there is no explicit acknowledgement that NUO can use the other activities for general earthworks.</p>	<p>Amend the activity table - the activity for Network Utilities and road networks "Earthworks up to 2500m² or 2500m³ for installation" by deleting the wording "for installation". Consequential change to the second line item for Network Utilities to read "General earthworks to the level permitted in the General Earthworks table below"</p>
1020					H.4.2 Earthworks 1.2 Activity Table Overlays (100-year ARI flood plan This entire column is a regional rule)	<p>Earthworks for some activities within the 1 in 100 ARI Overlay are a Restricted Discretionary Activity. The management of effects for earthworks within the 1 in 100 ARI are achieved through the permitted activity controls. Ensuring earthworks activities meeting the relevant controls are sufficient to manage effects on flood plain caused by earthworks. All earthworks activities are required to comply with controls in 2.1.</p>	<p>Amend Activity Table 1.2 to the following:</p> <p>Delete the column '100- year ARI flood plain. This entire column is a regional rule' in this activity table.</p>
			H4.2.2 Controls		H4.2.2		
1021					H.4.2 Earthworks 2.1.1 General controls 1 - 3	<p>Amend Permitted Activity threshold to better manage effects and ensure greater consistency with the approach in the legacy plans.</p>	<p>Amend Permitted Activity Threshold from 5m² to 25m².</p>

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1022					H.4.2 Earthworks 2.1.1 General controls 1 - 3	There are no distinction between regional and district rules and controls for earthworks activity and greater clarity is required about regional and district plan matters. Rule currently conflicts with 50m buffer in the sites and places of significant to Mana Whenua Overlay	Add three subheadings under 2.1.1 General Controls: Regional Plan Rule: 1. Earthworks must not, after reasonable mixing, result in any of the following effects in receiving waters: a. the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials ... Regional Plan/District Plan Rule: 2. Best practice erosion and sediment control measures must be implemented for the duration of the earthworks.... District Plan Rule: 3. Dewatering of trenches and other excavations must.... ... 18. If during earthworks, lava cavities...
1023					H.4.2 Earthworks 2.1.1 (10)	Clarification that the 20m set back does not apply to places where the extent of place is mapped.	Amend 2.1.1(10) as follows: The earthworks must be located at least 20m from any scheduled historic heritage place . <u>For the avoidance of doubt, this 20m setback does not apply beyond the boundary of any scheduled historic heritage extent of place.</u>
1024					H.4.2 Earthworks 2.1.1	Earthworks for new network utilities (excluding those for maintenance and repair) within the 1 in 100 ARI Overlay are a Restricted Discretionary Activity. This activity status is onerous in an area that is inundated infrequently. The same management of effects can be achieved if the activity status is removed for works in flood plains, and the controls are retained in the 'general controls'	Delete section 2.2.1 Land disturbance within the 100year ARI flood plain and include amended provisions (underneath this heading) as part of section 2.1.1 General Controls as follows: 2.1.1 General Controls 2.2.1 Land disturbance within the 100year ARI flood plain 4- 19. Earthworks including filling, in the 1% AEP flood plain, must not result in any reductions of onsite flood storage capacity and must contain within the subject site any changes to depth/duration/velocity of flood waters for a range of flood events 2- 20. Earthworks including filling, in the 1% AEP flood plain, must not change the flood characteristics beyond the boundary of the subject site for a range of flood events in ways that result in: a. loss of flood storage b. increase in flood depth or frequency c. loss of/changes to flow paths including overland flow paths d. acceleration or retardation of flows; or e. any reduction in flood warning times elsewhere on the flood plain.
1025					H.4.2 Earthworks 2.1.1 (new rules)	The rules are unclear about how the staging of larger projects are to be regulated and whether small areas can be worked on and then stabilised before another area is disturbed. As currently drafted the rules may mean that an entire project can only utilise the permitted activity rule once. This is impractical and results in an over regulation. The controls on the size or volume of land disturbed at any one time are consistent with the approach in some legacy plans.	Add two new controls under 2.1.1 General Controls. To be tagged as 'District Plan Rule'. 21. <u>Volume and area thresholds relate to the maximum volume or area of land disturbed at any point in time.</u> 22. <u>Disturbed land must be stabilised as soon as practicable, but no later than 12 months, from the date of commencement of the operation. Stabilisation involves providing adequate measures, vegetative and/or structure, that will prevent erosion of the underlying soil.</u>

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		Hazardous substances & Industrial or Trade Activities (ITA)	Industrial or Trade Activities	H4.8 Rules	H4.8		
1026					H.4.8 Industrial and trade activities. Activity Table.	These rules regulate discharges from ITA sites and as a result the RMA requires that the permitted activities explicitly authorise the discharge of such contaminants. The activity table only provides for the use of land and this needs to include associated discharges. Some activity lines provide for such discharges but all activities need to.	Amend activities in table to read "use of land <u>and CMA and associated discharges...</u> "
1027					H.4.8 Industrial and trade activities (ITA) 4. Table of ITAs Table 2	Clarify the commencement date for ITA activities which should be the date when the PAUP is notified.	Amend Table 3 column 5 to the following: Change date referenced to the date of the notification of the Unitary Plan, being <u>30 September 2013</u>
1028	Attachment 1028				H.4.8 Industrial and trade activities (ITA) 4. Table of ITAs (new table)	Table 4 omitted from the PAUP which is referenced in 2.1 Permitted activities (excluding consented existing high risk activities listed in table 4)	Insert as Table 4 of the PAUP the table of existing consented activities as outlined in attachment 1028.
1029					H4.8 Industrial and trade activities (ITA) 2.1.1(2)	The wording for these controls can be improved to provide greater clarity.	Amend 2.1.1(2) as follows: ...where any environmentally hazardous substance is <u>handled, used or stored on land at a quantity greater than used for domestic purposes, the site is operated in accordance with an environmental management plan and emergency spill response plan is prepared for that site.</u> These plans must meet the requirements of Tables 1 and 2 and be supplied to the council on request.
1030					H4.8 Industrial and trade activities (ITA) 2.1.3(1)	The PA control refers to an activity in existence in October 2001 but the activity table refers to activities existing "at notification date of the Unitary Plan].	Amend 2.1.3(1) as follows: The high-risk ITA existed on October 2001 <u>30 September 2013.</u>
1031					H.4.8 Industrial and trade activities (ITA) 4(1)	The wording of the rule can be improved by clarifying that it is the size of the activity area that is relevant. This is consistent with the approach of the entire section.	Amend (1) as follows: Table 3 determines the risk of an ITA based on the size of the ITA <u>activity</u> area. The level of risk e.g. low, moderate or high, determines the type of authorisation required for the activity. Thereafter, <u>compliance or otherwise with the provisions of the ITA rules, or changes to the size of the ITA area, dictate the site's status and therefore the site's risk status can change over time.</u>
1031A					H.4.8 Industrial and trade activities 2.1.1(8)	Remove content to avoid repetition	Amend rule 2.1.1(8) as follows: All on-site vehicle re-fuelling areas must be segregated and housed under cover, and/or surrounded by a drain that drain to an appropriately designed and sized stormwater treatment and spill containment device fitted with a shut-off valve.

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		Land fill, clean fill and managed fill	C5.5	Background Objectives & policies	C5.5		
1032					C.5.5 Cleanfills, managed fills and landfills, Background	Landfills are not only limited to sanitary waste. The inclusion of the word "sanitary" is not suitable as the definition of "sanitary waste" varies from liquid to solid waste generated from humans or human activities. Furthermore, the use of "sanitary" limits the general scope. As landfills also accept waste from industries there is no absolute assurance that the waste disposed is sanitised.	Amend text in 'Background' as follows: Cleanfills, managed fills and landfills support the use of land and the disposal of sanitary-waste generated by residential, commercial, industrial and rural activities in Auckland.
1033					C.5.5 Cleanfills, managed fills and landfills, Objective 4	The wording of the objective should be amended to clarify that the objective is for clean filling to assist with the rehabilitation of exhausted quarries.	Replace Objective 4 with the following: Cleanfilling and safe managed filling assists the rehabilitation of exhausted quarries. <u>Rehabilitation of exhausted quarries is assisted by cleanfilling and safe managed filling</u>
			H4.4.	Auckland-wide rules	H4.4		
1034	Attachment 1034				H.4.4 Cleanfills, managed fills and landfills 2.1.1	The provisions of the PAUP do not explicitly provide for Landfill aftercare activities and as a result such activities could be subject to unnecessary regulation and requirements for other consents. It is important to provide for such activities to ensure the efficient management of landfills with appropriate management of effects.	Amend as per attachment
1035					H.4.4 Cleanfills, managed fills and landfills 2.1.1	The definition of cleanfill allows for contaminated soils, below permitted activity criteria to be deposited as permitted activity cleanfill and potentially not requiring any controls for contaminant discharges. This is not intended and a new control should be included to avoid this outcome.	Add the following: <u>Cleanfills must not accept soils with contaminant concentrations greater than natural background levels.</u>
1036					H.4.4 Cleanfills, managed fills and landfills 2.1.2 (8)	Clarification of controls - the definition of "property" is expansive and redundant in this case. It is inclusive as part of the "environment".	Amend 2.1.2 (8) as follows: Health and safety contingencies must be established to address any potential adverse effect on human health, property or <u>and</u> the environment.

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1037					H.4.4 Cleanfills, managed fills and landfills 2.1.3	New controls are required as a consequence of the proposed new permitted activity status for Landfill aftercare.	Add the following controls and appropriate heading: <u>Landfills – Landfill Aftercare Activities and Parks Maintenance</u> <ul style="list-style-type: none"> • <u>The activity must be carried out by or with formal approval of the closed landfill owner and discharge consent holder.</u> • <u>The activity must be carried out in accordance with the site management plan (if this exists)</u> • <u>Where the cap or cover is perforated or penetrated, it must be reinstated to the same or better standard as the existing prior to the activity.</u> • <u>The activity must implement best management practices to avoid, remedy or mitigate any discharge, erosion and/or instability.</u> • <u>Health and safety contingencies must be established to address any potential adverse effect on human health, property or the environment.</u> • <u>Excavation to repair gas or leachate management system components must not exceed an area of more than 1000m³.</u> • <u>Test pits must not exceed an area more than 4m x 4m</u>
1038					H.4.4 Cleanfills, managed fills and landfills 2.2.2 (5)	Clarification of controls - the definition of “property” is expansive and redundant in this case. It is inclusive as part of the “environment”.	Amend 2.2.2 (5) as follows: 5. Health and safety contingencies must be established to address any potential adverse effect on human health, property or <u>and</u> the environment.
1039					H.4.4 Cleanfills, managed fills and landfills 3.2(1)	Grammatical correction - plural subject “Discharge(s)”, thus the verb stipulates “do”.	Amend 3.2(1) as follows: 1. Discharges from an operative cleanfill or managed fill that does <u>do</u> not meet permitted activity controls:
1040					H.4.4 Cleanfills, managed fills and landfills 3.2.1(b)(v)	Agreement in the use of Scheduled Historic Heritage Places and Sites and Places of Significance to Mana Whenua with CPO ESP Built & Cultural Heritage Policy Team.	Amend as follows: v. protection or enhancement of an adjacent ONC, ONF, ONL, HNC, SEAs or scheduled sites, <u>Scheduled Historic Heritage Places</u> and <u>Site and p</u> Places of <u>s</u> Significance to Mana Whenua
1041					H.4.4 Cleanfills, managed fills and landfills 4.1(1)	Grammatical clarification - plural subject “Discharge(s)”, thus the verb stipulates “do”.	Amend 4.1(1) as follows: 1. Discharges from an operative cleanfill or managed fill that does <u>do</u> not meet permitted or controlled activity controls:
1042					H.4.4 Cleanfills, managed fills and landfills 4.2(1)	Grammatical clarification - plural subject “Discharge(s)”, thus the verb stipulates “do”.	Amend 4.2(1) as follows: 1. Discharges from an operative cleanfill or managed fill that does <u>do</u> not meet permitted or controlled activity controls:
1043					H.4.4 Cleanfills, managed fills and landfills 4.2.1(b)(v)	The term scheduled sites is potentially ambiguous and to improve clarity the precise terms of the PAUP should be used.	Amend as follows: v. protection or enhancement of an adjacent ONC, ONF, ONL, HNC, SEAs or scheduled sites, <u>Scheduled Historic Heritage Places</u> and <u>Site and p</u> Places of <u>s</u> Significance to Mana Whenua

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1044					H.4.4 Cleanfills, managed fills and landfills 4.2(1)(b)vii	Remove unnecessary number that has been entered into the provisions by system errors.	Amend 4.2(1)(b)vii as follows: vii. viii. opportunities for weed and pest mitigation
1045					H.4.4 Cleanfills, managed fills and landfills 4.2(1)(b)viii	Remove unnecessary number that has been entered into the provisions by system errors.	Amend 4.2(1)(b)viii as follows: viii. ix. alleviation and rehabilitation initiatives for post-operative and closure. of cleanfill or managed fill
		Natural Hazards and Flooding	Natural Hazards	C5.12 Background, objective, policies	C5.12		
1046					C.5.12 Natural hazards, Policies 5 & 8	Amend policies 5 and 8 from 'coastal protection works' to 'foreshore protection works' to align with PAUP definition.	Amend Policies 5 & 8 as follows: Coastal foreshore protection works
				H4.11.1 Activity table	H4.11.1		
1047					H4.11 Natural Hazards 1 Activity table	An amendment to the provisions is required to clarify that these apply to new infrastructure rather than existing. Imposing controls on existing infrastructure would be too onerous.	Amend Activity table row 1 as follows: New building, <u>new</u> structures and <u>new</u> infrastructure on land which may be subject to natural hazards.
				H4.11. 2 Development Controls			
1047A					H.4.11 Natural Hazards, 2 Development Controls (new)	To ensure the natural hazards issues associated with maintenance and repair and minor infrastructure upgrading are appropriately addressed.	Add the following development controls: <u>"2.2 Permitted activities - Network utilities</u> <u>1. Any maintenance and repair and minor infrastructure upgrading of network utilities on land which may be subject to natural hazards must not:</u> <u>a. accelerate or exacerbate any natural hazard or the potential impact of the natural hazard;</u> <u>b. have any adverse effects on public safety;</u> <u>c. lead to significant impacts due to the failure of the network utility during a natural hazard event;"</u>
			Flooding	H14.12 Auckland wide rules	H14.12		
1048					H.4.12 Flooding 1 Activity Table	There is potential confusion in the existing rules about the activity status of infrastructure that is outside of the 0.5% AEP and in order to avoid any implication that such an activity is not provided for (and so reverts to Non-complying) a new PA activity is proposed with no PA controls.	Amend heading and text within 1 Activity table as follows: Infrastructure outside of the 1 per cent AEP Floodplain and within the 0.5 per cent AEP flood plain Any flood-vulnerable infrastructure involving structures placed outside the 1 per cent AEP flood plain and within the 0.5 per cent AEP flood plain - P <u>All other infrastructure involving structures placed within flood plains outside of the 1 per cent AEP flood plain not covered above – P</u>
		Rural Discharges, Agrichemicals, VTAs & Biosolids	Biosolids	C5.8 Biosolids objectives and policies	C5.8		

Submission Number	Attachment ref.	Theme	Topic	Sub-topic	Location or Provision Number	Reason	Decision sought or any similar amendments necessary to address the matters raised in this submission point
1049					C.5.8 Biosolids - Background	The key benefits (economic advantages, waste minimisation and land rehabilitation) are not referenced anywhere else in the Unitary Plan and it is important to acknowledge their value to provide context to the provisions that follow.	Add the following text after the first paragraph in the biosolids description/background. <u>The application of biosolids to land can result in a number of beneficial outcomes, including economic benefits, waste minimisation and land rehabilitation. The application of biosolids to land may also have effects on water quality, public health, amenity values or the environment.</u>
1050					C.5.8 Biosolids Objective 1	Amendments are sought so that the objective is amended to provide for the beneficial use of biosolids without having adverse effects on the environment. "Environment" as defined in the RMA includes all natural and physical resources, including land supply, and therefore the proposed wording would also allow for a consideration of the potential effects of the placement of biosolids on a particular site that might be earmarked for development.	Amend objective 1 as follows: 1. The beneficial use of biosolids onto or into land is provided for without having significant adverse effects on water quality, public health, amenity values and the potential future use of the land for urban development. <u>or the environment.</u>
				H4.7 Biosolids rules	H4.7		
1051					H.4.7 Biosolids 2.1 (1)	As currently drafted, this rule could exclude any activity where there could be eventual runoff to groundwater. The rule should be amended to clarify that biosolids are not to be applied where direct runoff could occur.	Amend clause 2.1 (1) as follows: 1. There must not be any direct application or <u>direct</u> runoff into any water body or the coastal marine area.
1052					H.4.7 Biosolids 2.1 (3)	The word "accredited" is used elsewhere in the Plan and should be included in this for consistency.	Amend clause 2.1 (3) as follows: The Aa Grade biosolids, after blending with other matter, must meet the requirements in Tables 4.1 and 4.2 of the Guidelines for the Safe Application of Biosolids to Land in New Zealand (August 2003), including the soil limit concentrations and the requirement to obtain <u>accredited</u> quality assurance.
1053					H.4.7 Biosolids 2.1(3)	The inclusion of the phrase after blending with other matter introduces unnecessary uncertainty and should be removed.	3. The Aa Grade Biosolids, after blending with other matter, must meet the requirements in Tables 4.1 and 4.2 of the Guidelines for the Safe Application of Biosolids to Land in New Zealand (August 2003), including the soil limit concentrations and the requirement to obtain quality assurance.
		Vegetation management and SEAs	H4.3.2	Controls	H4.3.2		
1054					H.4.3 Vegetation management 2.6 (3)	There is potential for the legal width and the formation width to be different and as a result clarity is required about which is the appropriate area. The formation width represents the area that has been modified and it is appropriate that this area be excluded from the vegetation controls.	Amend provision 2.6 (3) as follows: 3. Be undertaken, whichever is the lesser, within the legal width or the formation width of existing roads.
1054A					H.4.3 Vegetation Management, 1.1 Activity Tble	To clarify that the 30m is measures from the edge of the lake rather than 30m from the edge of the urban lake management area.	Amend activity table 1.1 as follows: Vegetation alteration or removal within 30m of <u>the shore of a lake in an urban lake management areas</u>

Submission Number	Attachment ref.	Theme	Topic	Sub-topic	Location or Provision Number	Reason	Decision sought or any similar amendments necessary to address the matters raised in this submission point
			Appendix 5.1 - Schedule of Significant Ecological Areas - Land		Appendix 5.1		
1055					Appendix 5.1	Add SEA overlay to Kawau Island	Apply SEA to part of Kawau Island after further work has been completed.
1056	Attachment 1056 Attachment 1056 map Part A Attachment 1056 map Part B				Appendix 5.1	Add 71 New SEA's based on data finalised after the mapping deadline for the notified Plan	Add sites as per the attachments in Attachment 1056, Attachment 1056 map Part A, and Attachment 1056 map Part B.
1057	Attachment 1057				22A Easter Parade, Glen Eden	Amend SEA layer as overlay covers a house and the front part of the section. SEA will still remain on the majority of the site.	Amend extent of SEA layer as per attachment 1057.
1058	Attachment 1058				122 Foley Quarry Road, Albany Heights	Amend SEA layer as overlay covers a portion of the house on the site as well as areas that are clear of vegetation and obviously not an SEA. SEA will still remain on the majority of the site.	Amend extent of SEA layer as per attachment 1058
1059	Attachment 1059					Incorrect identification of SEA-M2-64a' and 'SEA-M1-64b	There are two 'SEA-M2-64a' and 'SEA-M1-64b' on the Natural Heritage: Significant Ecological Areas. The northernmost ones (Weiti Estuary) should be identified as SEA-M2-65a and SEA-M1-65b on the maps. They are listed correctly in Appendix 6.1 but shown incorrectly on the maps. See attachment 1059.
1060					787 Great South Road (Annes Creek) and 791-793 Great South Road	Ensure the Unitary Plan is consistent with the Environment Courts Decision on Plan Change 88 and Private plan Change 223 released on 14 January 2014	Amend the SEA to reflect the Environment Court's decision in relation to Plan Change 88 (as amended in H13 Map No. 2 in the Isthmus Plan as a result of the EC Decision).
			Mapping SEAs				
1061	Attachment 1061				Mapping	Removal of area of non-indigenous vegetation for approximately 1155 sites. Existing SEA has been refined and therefore the mapping needs to be changed to reflect this work.	Reduced extent of existing SEAS as shown on the attached. See attachment 1061.
		Water		Policies 6-8 (Integrated management)			

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1062					C5.15.1 Water quality and integrated management, Policy 7	Add and remove wording from Policy 7 for clarification	Amend Policy 7 as follows: 7. Integrate land development and water management by: b. ...and integrated land use and water management planning processes <u>and</u> c. aligning all phases of development, from earthworks to final construction <u>to the outcomes of the integrated planning process to give effect to Policy 9(b)</u> .
				Policies 9-16 (Stormwater management)			
1063					C5.15.1 Water quality and integrated management, Policy 9	It is unclear from this policy how greenfield development can avoid significant adverse effects and greater clarity of the specific steps will assist implementation and interpretation.	Amend Policy 9 as follows: Avoid significant adverse effects and remedy or mitigate other adverse effects of stormwater runoff in greenfield areas on freshwater systems and coastal water by: a. the adoption of water-sensitive design as a core development approach; b. -site management and the use of communal devices or facilities to reduce stormwater contaminants, volumes and peak flows and minimise adverse effects, focussing in particular on: .activities that have the potential to generate high contaminant concentrations and loads minimising the generation and discharge of contaminants having regard to the sensitivity of receiving waters c. managing stormwater runoff to achieve hydrological mitigation equivalent to that required in a Stormwater Management Area Flow - 1 in areas discharging to rivers and streams; d. minimising the temperature effects of stormwater discharges on rivers and streams where practicable; e. providing for the management of gross stormwater pollutants, such as litter, in areas where the generation of these may be an issue; f. retaining the absorption capacity of soil and utilising other techniques to retain stream baseflow; g. utilising on-site and communal measures (or both) as appropriate and necessary; h. the provision of public stormwater infrastructure, including land set aside for stormwater management purposes, that meets the council's requirements; and i. the use of green infrastructure for stormwater management where practicable.

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1064					C5.15.1 Water quality and integrated management, Policy 11	It is unclear from this policy how greenfield and brownfield development can prevent or mitigate adverse effects and greater clarity of the specific steps will assist implementation and interpretation.	Amend Policy 11 as follows: 11. In determining the extent to which adverse effects of stormwater diversions and discharges are prevented or mitigated, particular regard shall be had to:... a. the nature.. b. the sensitivity... c. the potential... d. options to... <u>e. the opportunities in greenfield development to effectively minimise the creation of new adverse effects</u> <u>f. the opportunities in brownfield development to reduce existing adverse effects and enhance degraded environments</u> g. practical limitations in respect of the measures that can be applied.
			Water quantity, allocation and use - objectives and policies	C5.15.2 Background & Objectives	C5.15.2		
1065					C5.15.2 Water quantity, allocation and use Background	Minor amendment to provide greater clarification that it is the PAUP that provides for the priorities.	Amend Background text as follows: Current demand for water already equals or exceeds availability in some surface water bodies and aquifers in Auckland. Projected future growth is expected to increase competition for freshwater. The Plan provides first priority for the taking and use of water is for domestic and animal drinking purposes (which are allowed by the RMA without the need for any consents). Choices then have to be made about the amount of water available for the municipal water supply, industrial and rural activities, and other users
1066					C5.15.2 Water quantity, allocation and use Objective 1	Proposed amendment will assist to clarify that water available for allocation is once the natural values (base flows) have been identified.	Amend Objective 1 as follows: Water in surface rivers and groundwater aquifers is available for use while the aquatic <u>provided that the natural values of water are maintained and sustainable yield is not exceeded</u>
1067					C5.15.2 Water quantity, allocation and use Objective 2	Greater clarity is required about what the future needs are.	Amend Objective 2 as follows: Water resources meet current and future water needs <u>for social, cultural, and economic purposes.</u>
1068					C5.15.2 Water quantity, allocation and use Objective 3	Amendment to make wording consistent with the RMA and the other policies.	Amend Objective 3 as follows: Water resources available for use are managed and allocated in order of priority to maximise the life-supporting capacity for people <u>provide for domestic and municipal water supplies, animals, and economic development.</u>
				Policy 2 - Efficient Use			

Submission Number	Attachment ref.	Theme	Topic	Sub-topic	Location or Provision Number	Reason	Decision sought or any similar amendments necessary to address the matters raised in this submission point
1069					C5.15.2 Water quality, allocation and use Policy 2.	Policy itself requires justification so it is not necessary to say so in the sub-clause.	Amend Policy 2 as follows: 2.... a. ... i. municipal water supplies are justified <u>supported</u> by way of a water management plan
				Policy 3 - Water allocation guidelines, availabilities and limits			
1070					C5.15.2 Water quality, allocation and use Policy 3.	There needs to be some flexibility to exceed the guidelines when there may be additional water for allocation. This flexibility is appropriate because the guideline limits for water availability are based on the best available data but a site specific assessment may show that there is more water available for allocation. This can be achieved with a reference to exceptions set out in Policy 9	Amend Policy 3 as follows: Manage the taking and use of surface water from rivers, streams and springs and taking and use of groundwater from aquifers so that, <u>except in accordance with Policy 9</u> : a. the minimum flow and availability guidelines in Table 1 in Appendix 5.2 are not exceeded b. the aquifer availability and groundwater levels in Tables 1 and 2 in Appendix 5.5 are not exceeded
				Policies 4-9 - Take and use of water			
1071					C.5.15.2 Water quality, allocation and use Policy 5	There needs to be some flexibility to exceed the guidelines when there may be additional water for allocation. This can be achieved with a reference to exceptions set out in Policy 9. In relation to clause (h)(iii), water main and sewer are used to refer to privately owned assets which might not be captured by the networks. Therefore propose including all four terms.	Amend Policy 5 as follows: a. the taking is within the water availabilities and levels for the aquifer in Table 1: Aquifer water availabilities and Table 2: Aquifer groundwater levels, in Appendix 5.5, <u>except in accordance with Policy 9</u> , and i. recharge to other aquifers is maintained ii. aquifer consolidation and surface subsidence is avoided h. ... iii. services including roads, pavements, power, gas, electricity, water mains, sewers , <u>water and wastewater networks</u> and fibre optic cables
1072					C.5.15.2 Water quality, allocation and use Policy 7	The monitoring requirements set out in this provision could be very onerous and therefore should have some recognition of proportionality in relation to the potential effects.	Amend Policy 7 as follows: 7. Require proposals to take and use surface water and groundwater to monitor the effects of the take on the quality and quantity of the water resource: a. measure and record water use and rate of take b. measure and record water flows and levels c. sample and assess water quality and freshwater ecology d. measure and record the movement of ground, buildings and other structures. <u>Monitoring should be of a type and scale appropriate for the activity.</u>
1073					C.5.15.2 Water quality, allocation and use Policy 8	There needs to be some flexibility to exceed the guidelines when there may be additional water for allocation. This flexibility is appropriate because the guideline limits for water availability are based on the best available data but a site specific assessment may show that there is more water available for allocation. This can be achieved with a reference to exceptions set out in Policy 9	Amend Policy 8 as follows: 8. Manage water availability, where water allocation exceeds or is close to exceeding the guidelines in Table 1: River and Stream Minimum Flow and Table 2: Aquifer Groundwater Levels in Appendix 5.5 by: b. not granting new consent applications to take water, <u>except where provided for by Policy 9</u>

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1074					C5.15.2 Water quality, allocation and use Policy 9.	Amendment to correct cross references. Amendment to provide for an exception to the guidelines where a site specific evaluation has shown there is more water than anticipated available for use, and in particular more water than the default standard in the guidelines.	Amend Policy 9 as follows: 9. Allow takes that exceed the guidelines in Table 1 Appendix 5.2 and Tables 1 and 2 in Appendix 5.5 in the following circumstances: <u>a. For guidelines in Table 1 Appendix 5.2 when the river or stream flow is greater than the median flow, provided the total take does not exceed 10 per cent of the flow in the river or stream at the time of abstraction, and natural flow variability is maintained, or</u> <u>b. For all guidelines, where it is demonstrated that additional water is available for allocation.</u>
1075					C.5.15.2 Water quality, allocation and use new policy	In order to provide guidance as to how the Council could choose to exercise its water shortage direction powers under s329 and give effect to Objective 3 it is appropriate to provide for a policy on this matter.	Insert a new policy and consequential renumbering as follows: <u>Temporary water shortage, including minimum flow and groundwater conditions</u> <u>Consider the use of water shortage directions under section 329 of the RMA to impose temporary restrictions on water take, use, allocation, damming or diversion or discharge of contaminants into water in times of serious temporary water shortage, including where a river is at or below its Table 1 River and Stream Minimum Flow and Availability specified in Appendix 5.2 or groundwater levels are below the Table 2 Interim Aquifer Groundwater Levels in Appendix 5.5, having regard to the following priority uses:</u> <u>a. Takes for fire fighting purposes, allowed under s14(3)(e) of the RMA</u> <u>b. Takes expressly permitted in this Plan or allowed under s14(3)(b) of the RMA, including those for an individual's reasonable domestic needs and the reasonable needs of an individual's animals for drinking water, for animal welfare and sanitation.</u> <u>c. Consented or permitted takes for domestic and municipal water supply taken in accordance with a water shortage management plan in any relevant Water Management Plan.</u>
				Policies 10-11 - National policy statement on freshwater management			
1076					C5.15.2 Water quality, allocation and use Policy 11.	Revised wording to clarify scope of consultation in accordance with the NPSFW	Amend Policy 11 as follows: 11. Development catchment specific limits for freshwater quantity with Mana Whenua through community consultation, including with Mana Whenua, scientific research, and mātauranga Māori.
			Aquifers/Groundwater	Overlay - E7.1 High Use Aquifer Management Areas	E7.1		

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1077	Attachment 1077				E.7.1 High-use Aquifer Management Areas (table 1)	Given the proposed changes to some aquifer management areas the identified sub areas do not match the maps or Appendix 5.5. Both of which are to be updated / changed on the basis of the most up to date technical advice.	Amend 2nd column 'Description' 13th row: Comprises the following sub-zones i. <u>Franklin Kaawa West Bombay - Drury Kaawa</u> ii. <u>Franklin Kaawa East Pukekohe Kaawa</u> iii. <u>Glenbrook Kaawa</u> iv. <u>Waiuku Kaawa</u> Refers to Kaawa Formation only. It may be overlain by South Auckland volcanic field or Tauranga Group which are not included. The underlying Waitematā Group is not included
				Overlay - E7.8 Water Supply Management Areas			
1077A					E.7.8 Water Supply Management Areas Overlay description	Clarify that the description reflects the main purpose of the Water Supply Management Areas is to protect the surrounding land areas to ensure that water quality is maintained for use as drinking water.	Amend overlay description as follow: The purpose of Water Supply Management Areas is to provide for protection for the water catchments that supply the freshwater to Auckland municipal water supply dams and provide for the ongoing operation, maintenance, upgrading and development of the municipal water supply infrastructure....
1077B					E.7.8 Water Supply Management Area Objective (new objective)	Clarify that the purpose of a Water Supply Management Area is to provide for municipal water supply.	Add the following policy: <u>3. Water catchments in Water Supply Management Areas are protected from land use and other activities that may adversely affect the quality and quantity of freshwater in the catchment used for municipal water supply purposes.</u>
1077C					E.7.8 Water Supply Management Areas Policy 2	Policy is repeating existing ones	Delete Policy 2 2. Avoid, remedy or mitigate adverse effects, including cumulative effects of structures, equipment or works and any discharges of water from dams, pipelines or other water treatment infrastructure on the natural character, ecological, heritage, recreational and amenity values of Natural Stream and Wetland Management Areas in Water Supply Management Areas.
1077D					E.7.8 Water Supply Management Areas Policy (new policy)	A new policy is required to support the proposed new objective. This specifically provides for the function for which the areas are set aside.	Add the following policy: <u>5. Land use activities within Water Supply Management Areas will avoid, remedy or mitigate any adverse effects which may lead to the reduction in the quality of water to be taken for water supply purposes.</u>
				Appendix 5.5 Schedule Aquifer water availabilities & levels	App 5.5		
1078	Attachment 1078				Appendix 5.5 Aquifer water availabilities and levels (Table 1)	The Franklin Kaawa sub areas maps and availabilities for Appendix 5.5 have been updated / changed on the basis of the most up to date technical advice. As a consequence the 'Location' and 'Water availability (m3/year)' column entries are no longer accurate for the 'Pukekohe Kaawa' row.	Amend Table 1 to read Location Water availability (m3/year) <u>Pukekohe / Paerata</u> 4,860,000 <u>2,481,000</u> See Attachment 1078

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1079	Attachment 1079				Appendix 5.5 Aquifer water availabilities and levels (Table 1)	The Franklin Kaawa sub areas maps and availabilities for Appendix 5.5 have been updated / changed on the basis of the most up to date technical advice. As a consequence the 'Location' and 'Water availability (m3/year)' column entries are no longer accurate for the 'Pukekohe Kaawa' row.	Amend Table 1 to read: Aquifer name / Schedule ID Waiau-Pa Glenbrook Kaawa Location Pukekohe Glenbrook / Patumahoe Water availability (m3/year) 1,560,000 <u>2,863,000</u> See Attachment 1079
1080	Attachment 1080				Appendix 5.5 Aquifer water availabilities and levels (Table 1)	The Franklin Kaawa sub areas maps and availabilities for Appendix 5.5 have been updated / changed on the basis of the most up to date technical advice. As a consequence the 'Location' and 'Water availability (m3/year)' column entries are no longer accurate for the 'Pukekohe Kaawa' row.	Amend Table 1 to read: Karaka Kaawa Karaka 617,000 See Attachment 1080
1081	Attachment 1081				Appendix 5.5 Aquifer water availabilities and levels (Table 1)	The Franklin Kaawa sub areas maps and availabilities for Appendix 5.5 have been updated / changed on the basis of the most up to date technical advice. As a consequence the 'Location' and 'Water availability (m3/year)' column entries are no longer accurate for the 'Pukekohe Kaawa' row.	Amend Table 1 to read: Pukekohe West Kaawa Pukekohe 1,780,000 See Attachment 1081
1082	Attachment 1082				Appendix 5.5 Aquifer water availabilities and levels (Table 1)	The Franklin Kaawa sub areas maps and availabilities for Appendix 5.5 have been updated / changed recently on recent technical advice. As a consequence the 'Waiuku Kaawa' row has merged with other sub areas and has a new availability accordingly.	Amend Table 1 to read: Waiuku Kaawa Water availability (m3/year) 2,450,000 <u>2,957,000</u> See Attachment 1082
1083					Appendix 5.5 Aquifer water availabilities and levels, Table 1: Aquifer water Availabilities » 'Waiau Pa Kaawa' row, 'Location' column	Error. The 'location' column entry is not accurate for the 'Waiau Pa Kaawa' row.	Replace text 'Waiau Pa Kaawa' with " <u>Pukekohe Waiau Pa</u> "
				Mapping			
1084	Attachment 1084				Appendix 5 Natural Resources (new appendices)	The hard copy maps do not identify the names or individual aquifers and so it is not possible to identify the extent of individual aquifer management areas. A number of provisions categorise individual aquifer management areas into high use and quality sensitive, and different rules and standards apply to these aquifers. Separate maps of these aquifer management areas need to be provided	Insert new appendix 5.7 – Aquifer Management Areas in accordance with attachment 1084.

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			Lakes, rivers and streams and wetland management area overlays	H4.13.1 Introduction & Activity table	H4.13.1		
1085					H.4.13 Lakes, rivers, streams and wetland management 1 Activity table	There are no specific rules for ephemeral streams, despite ephemeral streams having their own definition and clearly being separated from the definition of 'rivers and streams'. Although not necessary, to provide greater certainty works in such streams should be made PA. The PAUP does not seek to regulate such activities. The ALWP provided for all works in ephemeral streams to be a permitted activity and it would be appropriate to include a similar rule to remove all doubt that the PAUP is seeking to regulate that activity.	Add line to activity table as follows: <u>Works within ephemeral streams - P</u>
1086					H.4.13 Lakes, rivers, streams and wetland management 1 Activity table	Culverts longer than 30m are not provided for in H 4.13, potential consequence that they are inappropriately treated as reclamation	Amend activity table as follows: <u>Culverts more than 30m – Discretionary (first column) and Non Complying (second column)</u>
				H4.13.2 All controls except activity table in relation to stock access and control H4.13.2.7	H4.13.2		
1087					H.4.13 Lakes, rivers, streams and wetland management 2.3.6	Provision required to be linked with H.4.9 Agrichemicals and Vertebrate Toxic Agents.	Add note to 2.3.6 as follows: <u>Note: The use of Agrichemicals is controlled in H.4.9 Agrichemicals and Vertebrate Toxic Agents (VTAs)</u>
1088					H.4.13 Lakes, rivers, streams and wetland management 2.5 4)	Culverts longer than 30m are not provided for in H 4.13, potential consequence that they are inappropriately treated as reclamation or be non-complying.	Amend control 5 (4) as follows: Culverts less than 30m Culverts must be sized to accommodate at least flow rates generated by a 10 per cent AEP storm event. <u>a. Culverts must be constructed of inert materials with a design life of at least 50 years.</u> <u>b. Structure length of 30m must be measured parallel to the direction of water flow</u> <u>c. the 1 per cent AEP flood shall be accommodated by the structure and/or by an overland flow path without increasing flood levels up stream or downstream of the structure.</u> <u>Note: Calculation of flow rates will made using the Auckland Council Technical Publication 108: Guideline for stormwater runoff modelling in the Auckland Region, April 2009.</u>

Submission Number	Attachment ref.	Theme	Topic	Sub-topic	Location or Provision Number	Reason	Decision sought or any similar amendments necessary to address the matters raised in this submission point
1089					H.4.13 Lakes, rivers, streams and wetland management, 2 Permitted Activity controls (new provision)	Activities on the surface of water omitted from the plan. New provision required which is largely a carry over from Rodney and Manukau plans.	<p>Add the provisions below and renumber accordingly:</p> <p><u>2.8 Activities on the surface of water</u></p> <p><u>1. Use of power-drive vessels</u></p> <p><u>a. Lake Tomarata and Lake Spectacle</u></p> <p><u>i. Prohibited during 1 September and 19 December (bird breeding season)</u></p> <p><u>b. Lake Slipper</u></p> <p><u>i. Prohibited year round</u></p> <p><u>2. Boat anchoring</u></p> <p><u>a. Vessels must not obstruct the safe navigation of other vessels or obstruct the approach to any wharf or jetty.</u></p> <p><u>b. Vessels must not create a hazard to other vessels at anchor or on a mooring.</u></p> <p><u>1.3. Boat cleaning, maintenance and repairs at an existing grid, mooring or public wharf</u></p> <p><u>a. Any excess building material, spoil, construction equipment or litter must be removed within 24 hours of completion of any works.</u></p> <p><u>b. Any activity involving the storage or handling of hazardous substances must comply with the Auckland-wide - Managing hazardous substances rules.</u></p> <p><u>Note: Auckland Council Navigation Safety Bylaw also applies.</u></p>
			Other discharge of contaminants H4.18 Auckland wide rules				
1090					H.4.18 Other discharges of contaminants 1 Activity Table	Amendments are required to make provisions consistent with the Air Land Water Plan consent order issued by Environment Court on 6 December 2012	<p>Amend activity table as follows:</p> <p>Discharges of potable water for the purpose of draining pipelines or water supply reservoirs for inspection, repair or maintenance excluding scouring water from any water-supply reservoir and backwash water from water treatment plants.</p>

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1091					H.4.18 Other discharges of contaminants 2.1.1	Amendment are required to make provisions consistent with the Air Land Water Plan consent order issued by Environment Court on 6 December 2012	Amend rules in 2.1.1 as follows 2. The contaminant discharged must not either by itself or in combination with other contaminants after reasonable mixing exceed the greater of the 95 percent trigger values for freshwater (groundwater) specified in the Australian and New Zealand Guidelines for Fresh and Marine Water Quality 2000, or the natural background level, <u>with the exception of the discharge of treated water by a network utility operator where the discharged water has been dechlorinated and does not exceed a chlorine level of 0.02mg/L.</u> 3. The discharge must not enter into any water supply catchment, Wetland (excluding Wetland Management Area Number 450), Natural Lake or Natural Stream Management Area <u>except in the case of a discharge by a network utility operator carrying out maintenance, routine operations, or emergency works on any component of a water or wastewater network and provided there are no adverse effects on the Wetland, Natural Lake or Natural Stream Management Area.</u> 4. The discharge must not cause erosion or scouring at the point of discharge or alter the natural course of the water body. <u>5. The discharge does not include washwater used for the external cleaning of a reticulated supply system.</u>
1092					H.4.18 Other discharges of contaminants 2.2.2 (5)	Incorrect reference to temperature requirement	Amend 2.2.2(5) as follows The discharge after reasonable mixing must not change the natural temperature of the receiving water by more than 30-degrees C.
			Stormwater	H4.14 Introduction	H4.14		
1093					H.4.14 Stormwater management, Introduction	Clarification is required that a public stormwater network must have an authorised discharge consent itself in order to ensure the effects are appropriately managed. If a public network does not have a network discharge consent then private discharges to that network need to be appropriately regulated.	Amend text as follows: To avoid doubt, stormwater from a private site directed to a reticulated public stormwater network is considered part of <u>authorised under the stormwater network discharge consent</u> provided it meets the requirements of any relevant stormwater network discharge consent. Only private discharges that do not enter a public stormwater network require authorisation under clause c. or d. above.
				H4.14.1 Stormwater discharges rules	H4.14.1		
1094					H.4.14 Stormwater management discharge 1.1 Activity table	Clarification required for roads that are not yet vested to Council.	Amend text in row 9 of the activity table as follows: <u>Public roads operated by a road controlling authority, or roads that are to be vested to a road controlling authority.</u>

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1095					H.4.14 Stormwater management discharge 1.1 Activity table	Clarification of intent for rules - use of 'or' instead of 'and' to clarify the true intent for the rules.	Amend text (rows 12 -14) in activity table as follows: Ground soakage and <u>or</u> peat soils New impervious areas discharging to ground soakage and <u>or</u> peat soil areas. New impervious areas discharging to ground soakage and <u>or</u> peat soil areas that do not meet the permitted activity controls
1096					H.4.14 Stormwater management discharge 1.1 Activity table	Clarification of intent for rules - impervious areas not otherwise provided for by stormwater network, public road, ground soakage and peat soil rules	Amend text (row 16) in table as follows: New impervious areas in a rural area, including rural zones, open space zones and special purpose zones <u>that are</u> outside the RUB where the <u>new</u> impervious area is less than or equal to 5,000m ² and which does not increase the total impervious area (<u>new plus existing</u>) of the site to more than 5,000m ²
1097					H.4.14 Stormwater management discharge 1.4.1(2)(d) Matters of discretion	Clarification of matters of discretion	Amend 1.4.1(2)(d) in the Matters of Discretion as follows: the implementation of stormwater management devices and other measures to give effect to the BPO for preventing or minimising the adverse effects of stormwater discharges from both existing and, where relevant, future <u>development</u>
				H4.14.2 Stormwater management - flow rules	H.4.14.2		
1098					H.4.14.2 Stormwater Management - Flow 1 Activity Table	Clarification of rules - headings for the stormwater management flow rules are potentially ambiguous about whether they cover just new and redevelopment.	Amend heading within activity table as follows: <u>Within or discharging to a Stormwater Management Area - Flow (SMAF) 1 or 2 (Development of new and redevelopment)</u>
1099					H.4.14.2 Stormwater Management - Flow 1 Activity Table	Amend activity from a Discretionary Activity to a Restricted Discretionary Activity to utilise existing assessment criteria. Discretionary Activity status used in error.	Amend activity "Impervious areas in urban areas (excluding the strategic transport corridor and roads) not connected to the stormwater network" to default to Restricted Discretionary rather than discretionary.
1100					H.4.14.2 Stormwater Management - Flow 4.2 (1)	It may not be practicable to treat all SW from existing areas within the existing designation area and some flexibility is needed in the assessment criteria.	Amend assessment criteria 4.2 (1) as follows: 1. All restricted discretionary activities: <u>g.the practicality and limitations of applying stormwater flow management, particularly to existing high use road networks.</u>
1101					H.4.14.2 Stormwater management - Flow 1 Activity Table - Within or Discharging to SMAF 1 or 2	The current rules are not clear about whether street furniture such as bus stops) are part of the "public roads" and so are regulated by those rules or the general controls for impervious surface. The intent of the rule is that all activities within the road corridor are regulated by the rules on "public roads"	Amend heading of rules regarding public roads to read: "Public roads (including all areas within a road) ..." . The word "road" is as defined in the definitions section.

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1102					H4.14.2 Stormwater management - Flow 1 Activity Table - Within or Discharging to SMAF 1 or 2	The rules regulating public roads do not contain a permitted activity rule for small areas of new or redeveloped impervious surface. As a result the rules for public roads are inconsistent with the general rules and it is appropriate to provide for a PA rule for areas less than 25m2. The flow effects of new or redeveloped impervious areas are the same and so there should be consistency between public roads and private land. In addition the mitigation measures required to meet the PA standards for public roads are potentially overly expensive and impractical for these small areas of new or redeveloped impervious surface (for example new bus shelters).	Insert a new activity to activity table as follows: <u>Impervious areas (other than for a public road) of less than or equal to 25m2 in a SMAF 1 or 2 = P</u>
1103					H.4.14.2 Stormwater management - Flow 2.2.1	Consequential change to above new activity. This new small areas will not need to meet the same mitigation standards as other parts of the public road but the PA rule is only available per project.	Add new permitted activity control to 2.2.1 which states that the impervious area is not subject to the same mitigation requirements as other parts of the public road and the 25m2 can be utilised per project or location but a larger project can not be artificially staged to limit the new impervious area to under the 25m2 threshold.
1104					81 Westney Rd, Mangere - Mapping of SMAF1 and SMAF2	An error has occurred in the mapping of some limited locations (such as 81 Westney Rd, Mangere) where both SMAF 1 and SMAF 2 are shown on the property. This should be amended to that only one Area is shown.	Amend mapping for 81 Westney Rd, Mangere to show only SMAF 2 on this property. Amend mapping for any other location which has two SMAFs to show only one SMAF.
			Taking, using, damming and diversion of water and drilling	H4.17.1 Introduction & activity table	H4.17.1		
1105					H.4.17 Taking, using, damming and diversion of water and drilling 1 Activity Table	The existing provisions fail to recognise the importance of takes for municipal supply from municipal supply dams and that a less restrictive activity status is appropriate than a discretionary activity within the PAUP. This reflects: a. the importance of municipal water supply in general (as reflected in the policy priority given to municipal water supply in the PAUP); b. that municipal supply dams are the source of a large portion of water to the Auckland metropolitan region; c. that these sources have been specifically established, for decades, as the main source of municipal supply; d. the environment has been modified for decades by the presence of these dams and as a result there is a lack of competition for water from these sources.	Add new activity to activity table as follows: <u>Water take from water supply dams located within a Water Supply Management Area (including renewals of existing takes) = CA in all zones and high use streams + D in wetland management areas</u>
1106					H.4.17 Taking, using, damming and diversion of water and drilling 1 Activity Table	Renewals of existing takes should be provided for as Restricted Discretionary Activity subject to the existing Restricted Discretionary Activity assessment criteria in the Plan to reflect the importance of municipal supply.	Add new activity to activity table as follows: <u>Renewal of existing takes for municipal water supply = RDA in All Zones and High Use Streams and DA in wetland management zones</u>

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1107					H.4.17 Taking, using, damming and diversion of water and drilling 1 Activity Table	The existing provisions are unclear about the activity status for tunnels greater than 1m. The proposed amendment is to relocate the diameter control to permitted activity control so as to clarify that tunnels greater than 1m are Restricted Discretionary Activity and not non-complying. Consequential changes to PA controls, other activities and headings.	Amend activity table as follows: The diversion of groundwater caused by any excavation, trench or tunnel up to 1m diameter, or thrust bore The diversion of groundwater caused by any excavation, trench, tunnel up to 1m diameter, or thrust bore that does not meet the permitted activity controls or is not otherwise provided for
1108					H.4.17 Taking, using, damming and diversion of water and drilling 1 Activity Table	Amendment is sought to simplify rules as a trench is a type of excavation and to avoid confusion about why other types of excavation have not been specifically included this should be clarified. Consequential changes to activities and headings	Amend activity table as follows: The diversion of groundwater caused by any excavation, (including trench) tunnel up to 1m diameter, or thrust bore The diversion of groundwater caused by any excavation, (including trench) tunnel up to 1m diameter, or thrust bore that does not meet the permitted activity controls or is not otherwise provided for
1109					H.4.17 Taking, using, damming and diversion of water and drilling 1 Activity Table	New activity. Dams constructed on intermittent watercourses were off-stream under the Air, Land and Water Plan. With the change in definition, these dams have now become on-stream and subject to a different rule set. There will potentially be significant costs to retrofit those structures to meet the new PA standards or apply for consent to authorise those activities. There are also likely to be adverse effects from the removal of these dams. As a result a PA activity is appropriate.	Add the following activity to the activity table, sub-heading 'Damming Water', third row: Activity: <u>On-stream dams on intermittent streams existing as at 29th September 2013</u> Activity Status: <u>P</u>
1109A					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling Activity Table 1	To provide consistency with the proposed controlled activity class for municipal water supply dams.	Amend activity table 1 as follows: Water take and use of surface water, including dams not otherwise listed or not meeting the permitted, <u>controlled</u> or restricted discretionary controls"
1109B					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling Activity Table 1 (new activity)	As with the takes from surface water, to provide certainty of renewal of abstraction consents for municipal supply.	Add the following activity to Water take and use of ground water Activity Table 1 <u>Renewal of an existing resource consent to and use groundwater for municipal water supply purposes</u> All zones <u>RD</u> High-use stream management area <u>RD</u> Wetland management areas <u>D</u>
1109C					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling, Activity Table 1 (new activity)	To provide consistency in activity status between the renewals of dam consents and consent for the renewals of water takes.	Amend activity table 1 as follows: Damming water Any dams otherwise listed or not meeting the permitted <u>or controlled</u> activity controls <u>Renewal of existing consents for dams for water for municipal water supply purposes</u> All zones <u>C</u> High-use stream management area <u>D</u> Wetland management areas <u>D</u>

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				H4.17.2 - H4.17.3 Notification & controls	H4.17.2		
1110					H.4.17 Taking, using, damming and diversion of water and drilling, 3.1.3(1)(b)	Kumeū Waitematā should be removed as it is not fully allocated.	Amend 3.1.3(1)(b) as follows: b. the water take must not be from the Kumeū Waitematā or Omaha Waitematā High-Use Aquifer Management Areas
1110A					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling 3.2 (new control)	To corresponds with the proposed controlled activity status for renewal of dam consents.	Insert a new control for controlled activities 3.2 as follows: <u>3.2.X Renewal of existing consents for dams for municipal water supply purposes</u> 1. There are no changes to the structure of the dam.
1110B					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling 3.3 (new control)	To set out the Controls for municipal water supply takes from rivers excluding from dams to correspond with the requested new restricted discretionary activity.	Inset a new control for restricted discretionary activities as follow: <u>3.3.X Renewal of an existing resource consent to take and use surface water for municipal water supply purposes, excluding from a dam</u> 1. At the time of the application, the take is an authorised take; 2. A water management plan has been prepared in accordance with the special requirements for municipal water supply 3. The take will not result in the interim minimum flow and allocation guidelines in Table 1 in Appendix 5.2 being exceeded except as provided for in the water management plan.
1110C					H.4.17 Taking, Using, Damming and Diversion of Water and Drilling 3.3 (new control)	To set out controls for renewal of consents for municipal water supply groundwater takes to correspond with the requested new restricted discretionary activity.	Inset a new control for restricted discretionary activities as follow: <u>3.3.X Water take and use of groundwater</u> 1. Renewal of an existing resource consent to take and use groundwater for municipal water supply purposes a. At the time of the application, the take is an authorised take; b. A water management plan has been prepared in accordance with the special information requirements for municipal water supply c. The take will not result in the interim aquifer availability and interim groundwater levels in Tables 1 and 2 in Appendix 5.7 being exceeded, except as provided for in the water management plan.”
1111					H.4.17 Taking, using, damming and diversion of water and drilling 3.1.4	Consequential amendment to heading as per amendments proposed in activity table	Amend heading 3.1.4 as follows: The diversion of groundwater caused by any excavation (including trench) or ,-tunnel up to 1m diameter, or thrust-bore

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1112					H.4.17 Taking, using, damming and diversion of water and drilling 3.1.4(6)	Geotechnical advice is that only excavations below the natural groundwater level can cause the diversion of groundwater and this amendment clarifies that only these excavations are regulated by this rule.	Amend 3.1.4(6) as follows: 6. The distance from the edge of any excavation <u>that extends below natural groundwater level</u> , including any staging of the same proposal, must not be less than 50m from any: a. Wetland Management Area b. scheduled historic heritage place or scheduled sites and places of significance to Mana Whenua c. surface water body d lawful groundwater take.
1113					H.17.4 Taking, using, damming and diversion of water and drilling 3.1.4 (new controls)	New development control, consequential to the change in the activity table.	Add new control to 3.1.4 as follows: <u>9. For tunnels which cause diversion of groundwater, the tunnel must be less than 1metre in diameter</u>
1114					H.17.4 Taking, using, damming and diversion of water and drilling Assessment	Consequential amendment to provide for matters of discretion and assessment for new Controlled Activity for takes from municipal supply dams	Add new matters of control: a. <u>The provision of downstream flow regimes, including low flows and flows to maintain fish passage</u> b. <u>Mitigation measures to address any adverse effects or impacts on aquatic ecology and in-stream values</u> c. <u>The adequacy of the Water Management Plan</u> d. <u>Metering, monitoring and reporting requirements</u> e. <u>The duration of the consent and the timing and nature of reviews of consent conditions</u>
1115					H.17.4 Taking, using, damming and diversion of water and drilling Assessment	Consequential amendment to provide for matters of discretion and assessment for new Controlled Activity activity for takes from municipal supply dams	Insert new Matters of discretion: 1. <u>At the time of the application, the take is an authorised take</u> 2. <u>The rate and volume of that take will not increase from that previously authorised</u> 3. <u>A water management plan has been prepared in accordance with the special information requirements for municipal water supply</u> 4. <u>The take will not exceed the minimum flow and availability guidelines in Table 1 in Appendix 5.2</u>
			Wastewater	H4.16 Wastewater network management rules	H4.16		
1116					H.4.16 Wastewater Network Management 1 Activity Table row 1	The wording in the draft Unitary Plan referred to the discharge of wastewater, which is the more appropriate wording. This has been retained in the headings below. The word "from" has been inserted to make it clear that the rules refer to discharges.	Amend row 1 in activity table as follows: Discharge of untreated-wastewater overflows from a wastewater network servicing new development areas, and <u>from</u> new wastewater networks within existing urban areas

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1117					H.4.16 Wastewater Network Management 1 Activity Table row 3	The wording in the draft Unitary Plan referred to the discharge of wastewater, which is the more appropriate wording. This has been retained in the headings below. The word "from" has been inserted to make it clear that the rules refer to discharges.	Amend row 3 in activity table as follows: Discharge of untreated wastewater overflows from a wastewater network servicing new development areas and <u>from</u> new wastewater networks within existing urban areas where the discharge does not comply with the permitted activity controls
1118					H.4.16 Wastewater Network Management 1 Activity Table row 5	The wording in the draft Unitary Plan referred to the discharge of wastewater, which is the more appropriate wording. This has been retained in the headings below.	Amend row 5 in activity table as follows: Discharge of untreated-wastewater overflows from an existing combined sewer <u>wastewater</u> network
1119					H.4.16 Wastewater Network Management 1. Activity Table row 7	Private wastewater networks will normally require a wastewater treatment plant also and this should be reflected in the rules.	Amend row 7 in activity table as follows: Amend provision as follows: "Discharge of wastewater from a private wastewater network <u>and associated wastewater treatment plant</u> "
1120					H.4.16 Wastewater Network Management 2.1.1	Amendments are required to achieve consistency with H 4.16 Wastewater Network Management 1. Activity Table (1)	Amend heading 2.1.1 as follows: 2.1.1 Discharge of wastewater from a public -wastewater network servicing new development areas, <u>and from</u> new wastewater networks within existing urban areas
1121					H.4.16 Wastewater Network Management 2.1.1 (2)	This condition addresses operation of the network - the design standard is set out in condition 1 above.	Amend 2.1.1 (2) as follows: The network must be designed and operated to prevent dry weather overflows during normal operation of the network, and the network operator has <u>must have</u> an operational and maintenance programme in place that minimises unforeseen dry weather overflows to the environment.
1122					H.4.16 Wastewater Network Management 2.1.1 (3)(a-d)	Amendments are requested to improve clarity and consistency, as the same condition is also used elsewhere.	Amend 2.1.1 (3) as follows: A wastewater network operations plan must be prepared, and implemented, which that provides: a. a description of the network b. maintenance procedures and levels of service for key elements of the network c. operations <u>operational</u> procedures including response to system failures, <u>incidents</u> and <u>significant</u> overflow events. d. monitoring and reporting procedures.
1123					H.4.16 Wastewater Network Management 2.1.1 (4)	Amendments to improve clarity and consistency.	Amend 2.1.1 (4) as follows: Engineered overflow points must be designed and located so that any discharges from them generate a minimum of nuisance, damage, public health risk and ecological effects and must <u>do</u> not cause scouring and erosion at the point of discharge.
1124					H.4.16 Wastewater Network Management 2.1.2	Amendments to provide consistency of terminology.	Amend Heading 2.1.2 as follows: 2.1.2 Discharge of wastewater from public <u>a</u> wastewater network by way of exfiltration

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1125					H.4.16 Wastewater Network Management 2.1.2 (2)	Amendments to provide consistency of terminology.	Amend 2.1.2 (2) as follows: The network utility-operator must have a programme in place to determine the general extent of exfiltration within the network and identify areas of proportionally high exfiltration.
1126					H.4.16 Wastewater Network Management 2.1.2 (3)	Amendments to provide consistency of terminology.	Amend 2.1.2 (3) as follows: The network utility-operator must implement an operations and maintenance programme aimed at the progressive reduction, where practicable, of wastewater exfiltration.
1127					H.4.16 Wastewater Network Management 2.2.1	Minor typographical error.	Amend heading 2.2.1 as follows: 2.2.1 Discharge of wastewater from a wastewater network servicing new development areas; and <u>from</u> new wastewater networks within existing urban areas
1128					H4.16 Wastewater Network Management 2.2.1 (1)	The wording within the PAUP is not appropriate as it could impose stricter controls than for the permitted activity.	Amend 2.1.1 (1) as follows: The network must be designed and operated constructed so it does not overflow other than in emergency overflow situations. to restrict wastewater overflows to an average of no more than two events per discharge location per year.
1129					H.4.16 Wastewater Network Management 2.2.2 (5)	Amendments to improve clarity and achieve consistent with H 4.16 Wastewater Network Management 2.1.1.(2) above.	Amend 2.2.2 (5) as follows: The wastewater collection network must be designed and operated to prevent dry weather overflows during normal operation of the network, and the network operator has must <u>have</u> an operational and maintenance programme in place that minimises unforeseen dry weather overflows to the environment.
1130					H4.16 Wastewater Network Management 2.3.1	Amendments to make it clear that new wastewater networks will be separated systems.	Amend heading 2.3.1 as follows: 2.3.1 Discharge of wastewater from an <u>existing</u> combined sewer network
1131					H.4.16 Wastewater Network Management 2.3.1 (3)	Amendments to provide wording consistency.	Amend 2.3.1 (3) as follows: The network operator must have an operational and maintenance programme in place that minimises unforeseen dry weather overflows to the environment. must be operated to prevent dry weather overflows during normal operation of the network, and the network operator must <u>have an operations and maintenance programme in place that minimises unforeseen dry weather overflows to the environment.</u>
1132					H4.16 Wastewater Network Management 3.1 Matters of Control	Amendments to provide consistency of terminology.	Amend 3.1 Matters of Control (1) as follows: The For the discharge of wastewater from a wastewater network servicing new development areas and new wastewater networks within existing urban areas
1133					H.4.16 Wastewater Network Management 3.1 Matters of Control (2)	Amendments to provide consistency of terminology.	Amend 3.1 Matters of Control (2) as follows: The For the discharge of wastewater from a public separated wastewater network servicing existing urban areas

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1134					H.4.16 Wastewater Network Management 3.1 Matters of Control (2)(c)	Minor wording change	Amend 3.1 Matters of Control (2)(c) provision as follows: implementation of the wastewater network operations plan and the operational-operations and maintenance programme
1135					H.4.16 Wastewater Network Management 3.2 Assessment criteria (1)	Minor wording change	Amend 3.2 Assessment criteria (1) as follows: The extent to which the overflow reduction programme, and the network operations plan and operational and maintenance programme:
1136					H.4.16 Wastewater Network Management 3.2 Assessment criteria (1)(a)	The best practicable option is the design and operation of the network, not the actual document.	Amend 3.2 Assessment criteria (1)(a) as follows: are sets out the best practicable option for preventing or minimising adverse effects
1137					H.4.16 Wastewater Network Management 3.2 Assessment criteria (1)(b)	Amendment to provide clarity that this provision relates to the catchment for the wastewater network and not a water or stormwater catchment.	Amend 3.2 Assessment criteria (1)(b) as follows: adequately address wastewater discharges generated as a result of potential urban growth, urban redevelopment, and land use intensification within the <u>wastewater</u> catchment, taking into account the growth and intensification provisions of the Unitary Plan
1138					H.4.16 Wastewater Network Management 3.2 Assessment criteria (1)(c)	Amendments to improve clarity and consistency.	Amend 3.2 Assessment criteria (1)(c) as follows: prevent or minimise adverse effects <u>of wastewater overflows</u> on public health, potable water supplies, freshwater and coastal waters
1139					H.4.16 Wastewater Network Management 4.1 Matters of Discretion (1)	Amendments to improve clarity.	Amend 4.1 Matters of Discretion (1) as follows: For The discharge of wastewater from a combined sewer network a. ...
1140					H.4.16 Wastewater Network Management 4.1 Matters of Discretion (1)	Discretion should be over how the best practical option was developed and documented and then subsequently implemented. This will make redundant H.4.16 Wastewater Network Management 4.1 Matters of discretion (1)(b)	Amend .1 Matters of Discretion (1)(a)-(e) as follows: a. the <u>determination and implementation of the</u> best practicable option for preventing or minimising the adverse effects of the wastewater discharges b. the implementation and ongoing maintenance of measures and works necessary to give effect to the best practicable option c. <u>implementation of the wastewater network operations plan and the operational and maintenance programme</u> d. <u>associated monitoring and reporting</u> e. <u>the duration of the consent and the timing and nature of reviews of consent conditions.</u>

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1141					H.4.16 Wastewater Network Management 4.2 Assessment criteria (2)	Amendments to improve clarity and consistency.	Amend 4.2 Assessment criteria (2) as follows: The extent to which the proposed BPO <u>best practical option</u>
1142					H.4.16 Wastewater Network Management 4.2 Assessment Criteria (2)(b)	Amendments to improve clarity and consistency.	Amend 4.2 Assessment Criteria (2)(b) as follows: provides for <u>addresses</u> wastewater discharges generated as a result of potential urban growth, urban redevelopment, and land use intensification within the <u>wastewater</u> catchment, taking into account the growth and intensification provisions of the Unitary Plan;
1143					H.4.16 Wastewater Network Management 4.2 Assessment Criteria (2)(c)	Amendments to improve clarity and consistency.	Amend 4.2 Assessment Criteria (2)(c) as follows: progressively reduces <u>wastewater</u> overflows and associated adverse effects, and the priorities and timeframes for doing so, having particular regard to:
1144					H.4.16 Wastewater Network Management 4.2 Assessment Criteria (3)	Amendments to improve clarity and consistency.	Amend 4.2 Assessment Criteria (3) as follows: "3. Whether <u>The extent to which</u> the operations and maintenance plans and programmes provided will ensure the effective operation of the combined sewer network and minimise dry weather discharges.
1145					H.4.16 Wastewater Network Management 4.2 Assessment	Amendments to improve clarity and consistency.	Amend 4.2 Assessment Criteria (4) as follows: Whether <u>The effectiveness of response procedures and processes provided will to</u> mitigate the adverse effects of overflows.