

Wastewater Risks from the Asset Management Plan (2024)

Location	Risk	Risk types	Gross risk			Management	Net risk		
			Consequence	Likelihood	Risk		Consequence	Likelihood	Risk
District wide	Failure of mains on private property	<ul style="list-style-type: none"> Compliance Operational Environmental Financial Health & safety Reputation 	4	2	M	<ul style="list-style-type: none"> Proactive condition assessments and asset renewals Relocation of wastewater assets off private property where practicable Enforce building and bylaw controls 			G
District wide	Wastewater pump station overflows	<ul style="list-style-type: none"> Compliance Operational Environmental Financial Health & safety Reputation 	2	3	G	<ul style="list-style-type: none"> Reduce inflow & infiltration Maintain and replace assets as required Monitor flows during events Education for residents on wipe use 			G
District wide	Objectionable odours being detected beyond wastewater plant property boundaries	<ul style="list-style-type: none"> Compliance Operational Environmental Reputation 	8	2	H	<ul style="list-style-type: none"> Undertake planned maintenance of treatment plant assets Manage trade wastes Undertake required routine odour monitoring & promptly respond to odour complaints 			M
District wide	Loss of electricity supply to treatment plants	<ul style="list-style-type: none"> Compliance Operational 	4	4	H	<ul style="list-style-type: none"> Ensure on-site standby generators are available and ready for use 			M

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		<ul style="list-style-type: none"> Environmental 							
District wide	Wastewater systems unable to cope with increased flows from development	<ul style="list-style-type: none"> Compliance Operational Financial Reputation 	4	2	M	<ul style="list-style-type: none"> Plan for development and growth Manage demand 			G
District wide	Inability to meet response time targets	<ul style="list-style-type: none"> Compliance Operational Reputation 	1	4	G	<ul style="list-style-type: none"> Ensure adequate staff numbers and abilities Manage risks to staff such as anticipating and managing after hours events 			L
Feilding	Liquefaction from seismic event	<ul style="list-style-type: none"> Compliance Operational Environmental Financial Health & safety 	8	1	M	<ul style="list-style-type: none"> Locate assets in high-risk areas and relocate where possible Ensure structures and assets in high risk areas have adequate foundations 			M
Feilding	Failure of Aorangi bridge crossing	<ul style="list-style-type: none"> Compliance Operational Environmental Financial Health & safety Reputation 	4	2	M	<ul style="list-style-type: none"> Proactive assessment, maintenance and renewal Liaison with Horizons and landowners to keep debris clear 			G

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Feilding & Sanson	Mains failure under railway line	<ul style="list-style-type: none">ComplianceOperationalFinancial	4	2	M	<ul style="list-style-type: none">Use directional drillingProactive leak detection and renewals			L
Awahuri & Sanson	Failure of mains under State Highways	<ul style="list-style-type: none">ComplianceOperationalFinancialHealth & SafetyReputation	4	2	M	<ul style="list-style-type: none">Undertake proactive condition assessments and asset renewalsRelocate assets off state highways where practicableWork with NZTA to minimise risk of breakage			G
Awahuri	Damage to treatment plant caused by flooding	<ul style="list-style-type: none">ComplianceOperationalEnvironmentalFinancialHealth & Safety	8	2	H	<ul style="list-style-type: none">Build resilience into assets to reduce likelihood of damage being caused	8	1	M
Feilding		<ul style="list-style-type: none">Reputation					8	1	G