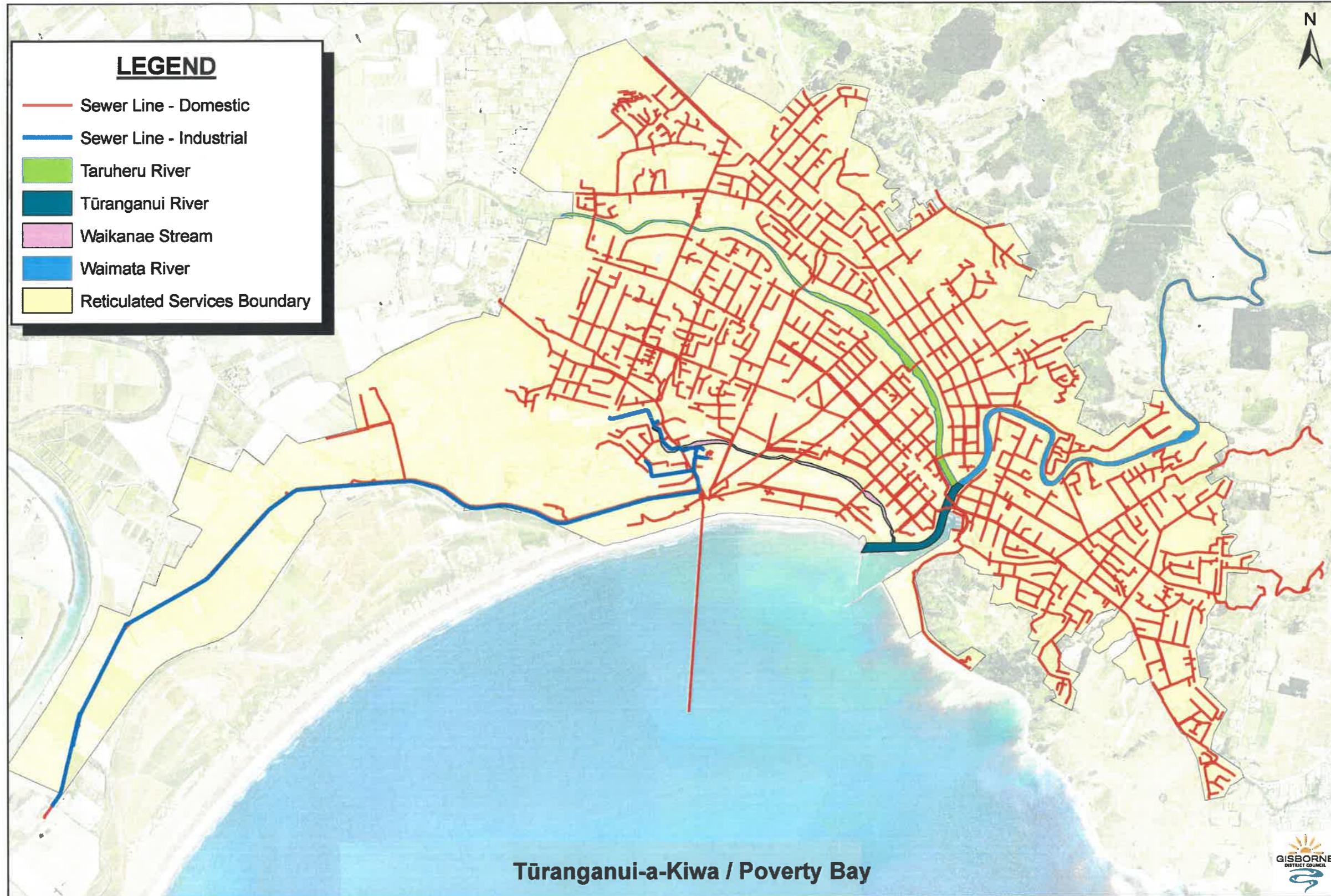


Gisborne District Council

Wastewater Overflows Consent Application

Map Booklet



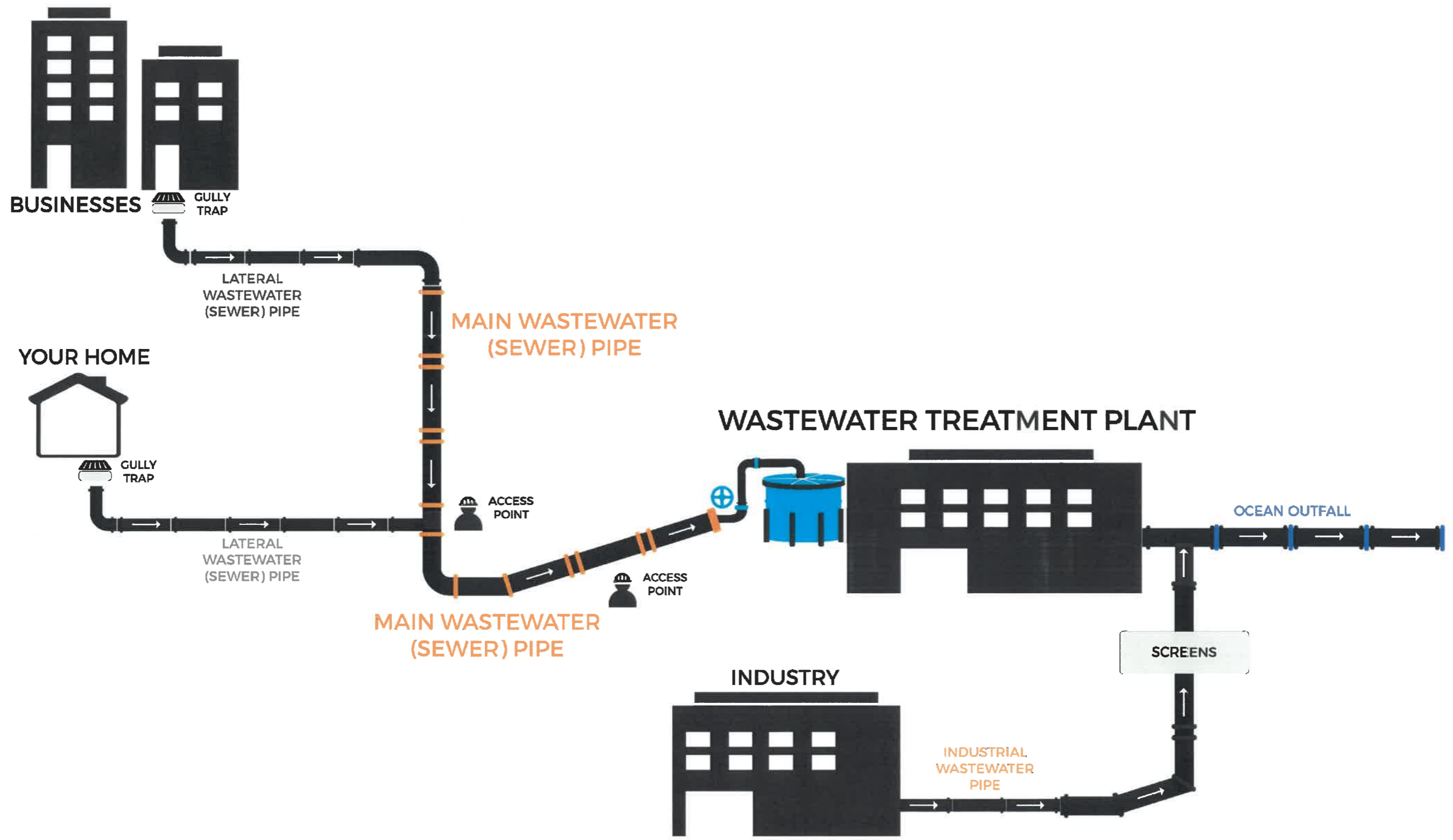
GISBORNE SEWER NETWORK

Date: 4/06/2020

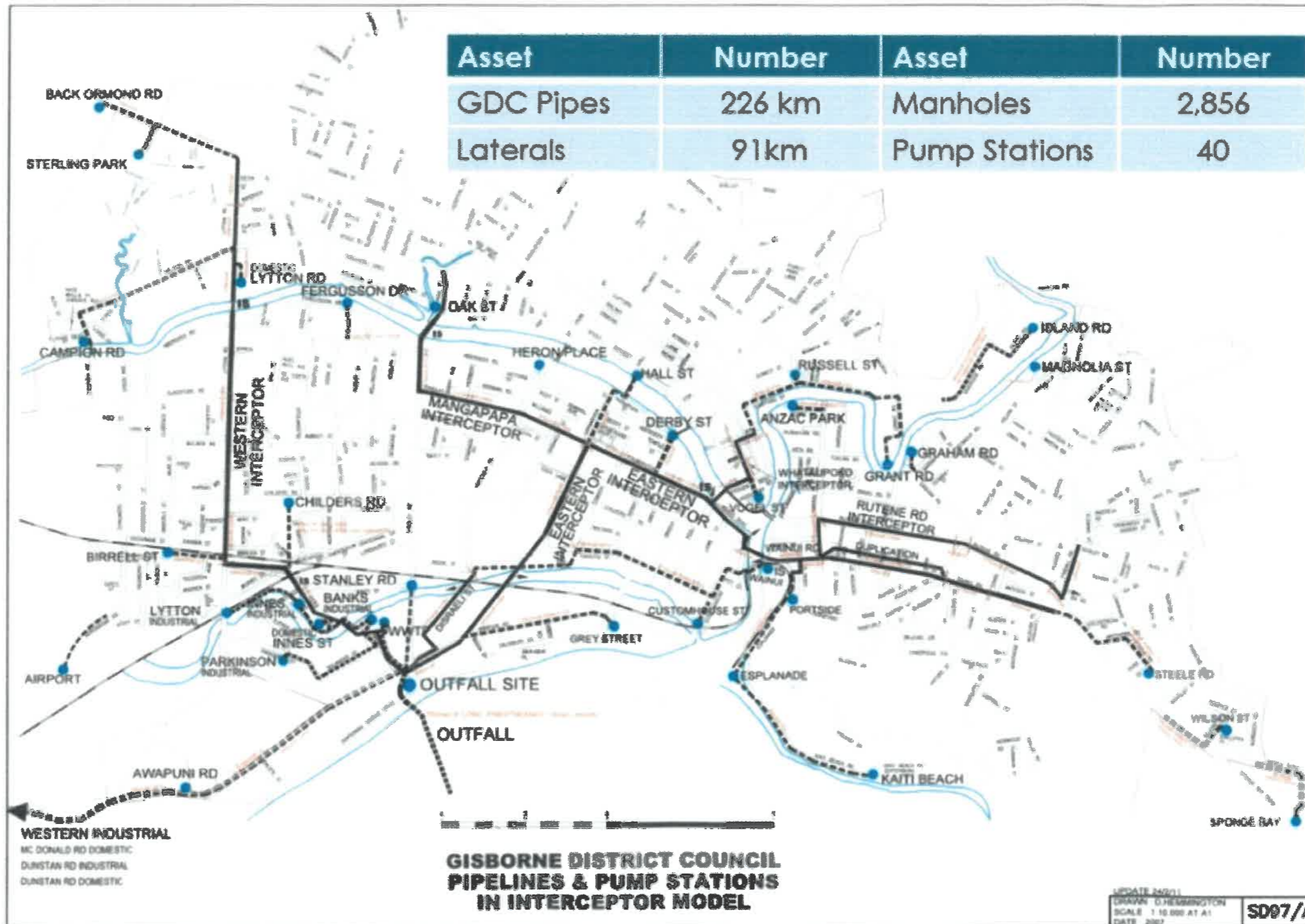
Contains Crown Copyright Data -
Sourced from Land Information NZ
Aerial Imagery - Aerial NZ Ltd.
Gisborne District Council

Scale @ A3 1:30,000

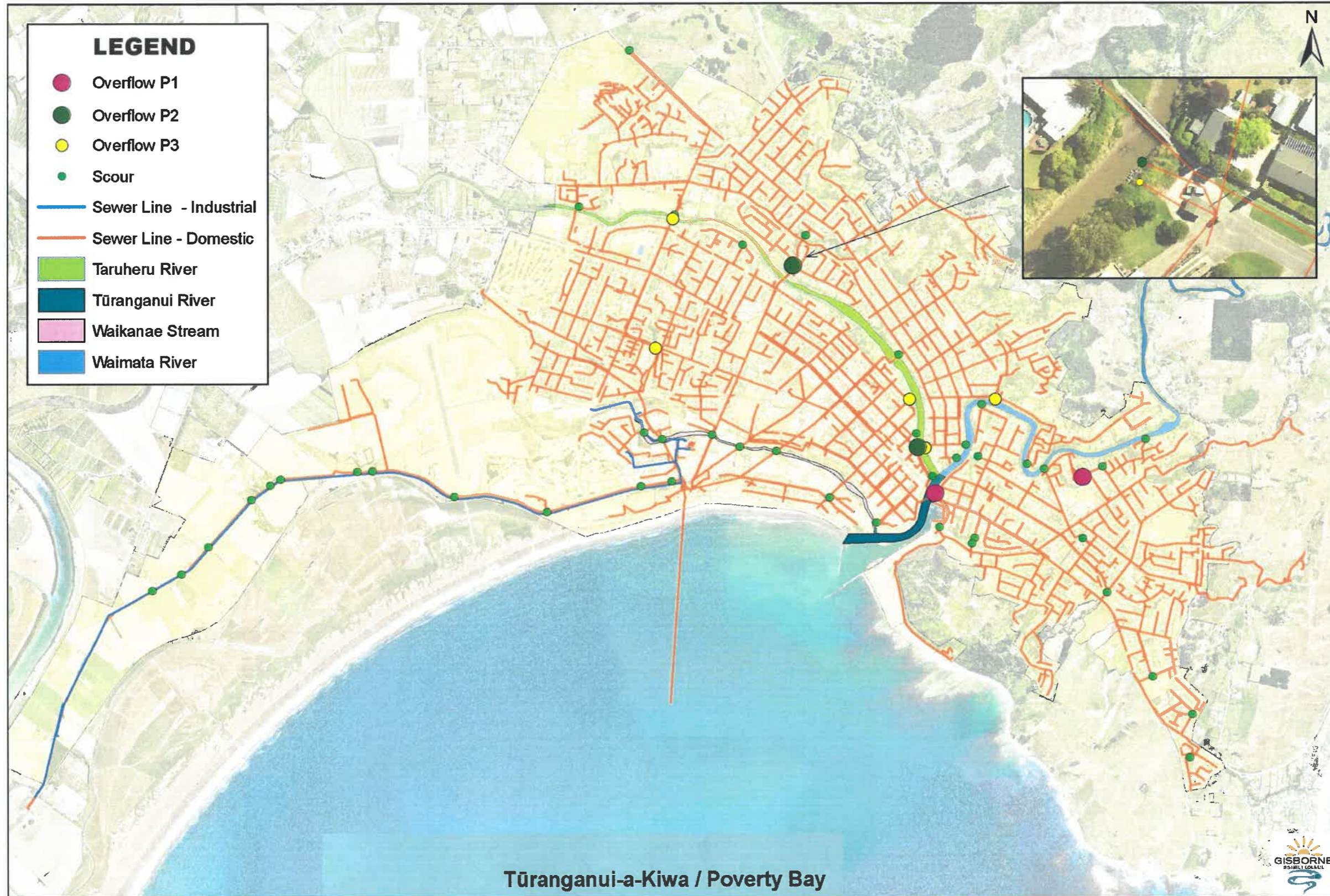
Gisborne public wastewater network



Gisborne wastewater system schematic



Gisborne wastewater network



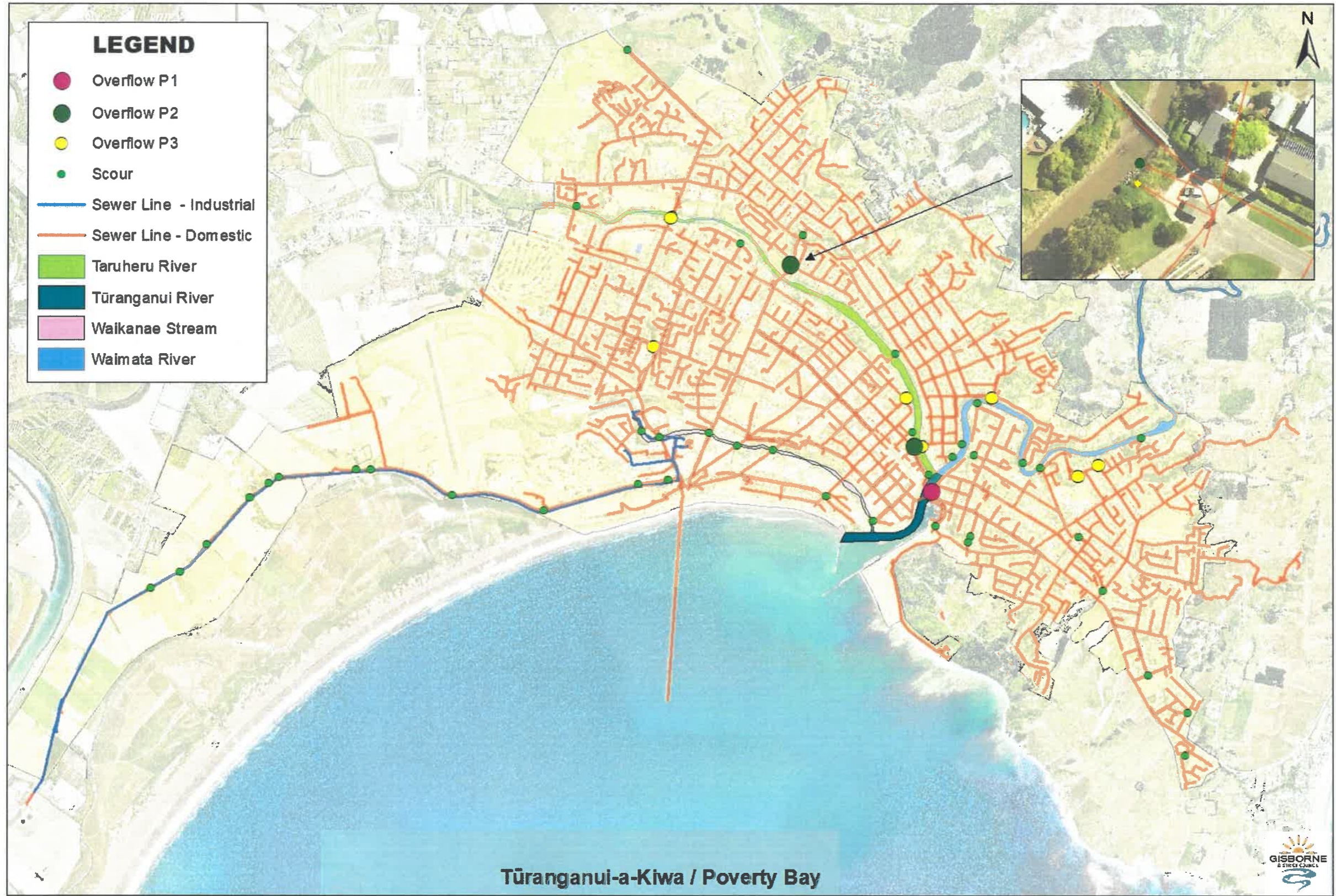
GISBORNE SEWER NETWORK

Date: 29/07/2020

Contains Crown Copyright Data - Sourced from Land Information NZ. Aerial Imagery - AAMNZ Ltd. Gisborne District Council

Scale @ A3 1:30,000

Overflow Points (from commencement)



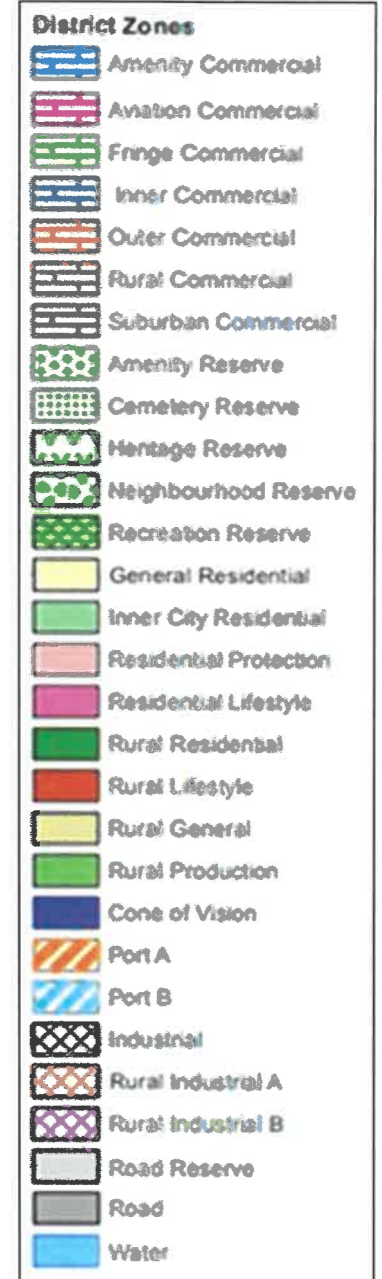
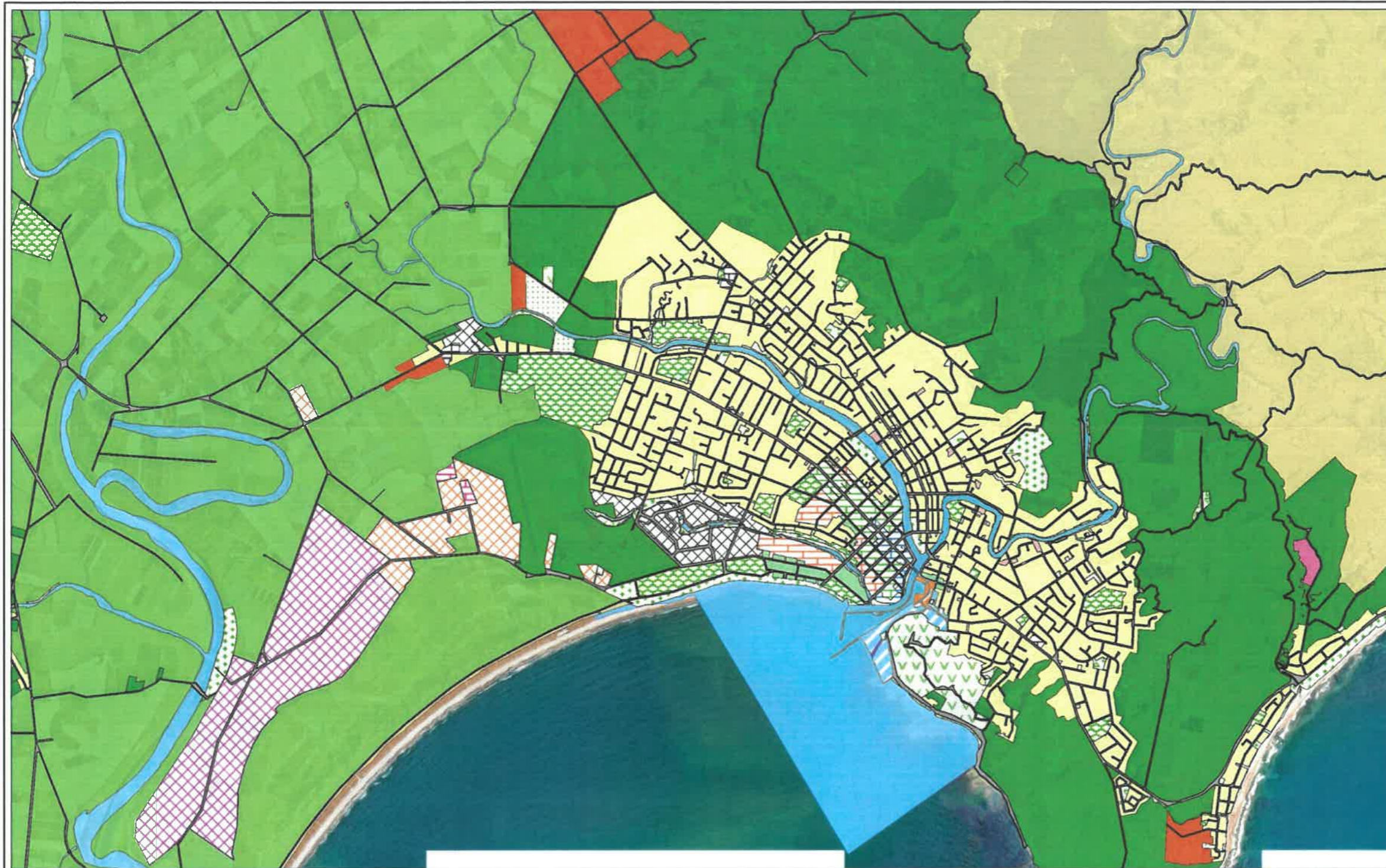
GISBORNE SEWER NETWORK

Date: 8/06/2021

Cartography: GeoEye, GeoEye Ltd.
 Aerial Imagery: Aerial F&Z Ltd.
 Cartography: GeoEye Ltd.

Scale @ A3 1:30,000

Overflow Points (following Seymour/Turenne improvements)



Gisborne Land Use Zones

Information shown on this plan is indicative only and not mapped to a survey accurate scale. Gisborne District Council accepts no liability for its accuracy and it is your responsibility to ensure that the data contained herein is appropriate and applicable to the end use intended. Contains Crown Copyright Data - Sourced from Land Information NZ, Orthophotography - NZAM, Teralink and Aerial Surveys

Additional Notes:

Indicative Map Scale: 1: 55,261 @ A4
 Created by: 4Sight
 Date: 29/05/2020 2:49:35 p.m.
 Projection: NZGD2000 New Zealand Transverse Mercator



Gisborne Land Use Zones



Sewer main in Stanley Road. Mainly composed of rags and wet wipes



Childers Rd Pump Station caught in pump impellers. Rags, clothing, wet wipes, rope and more

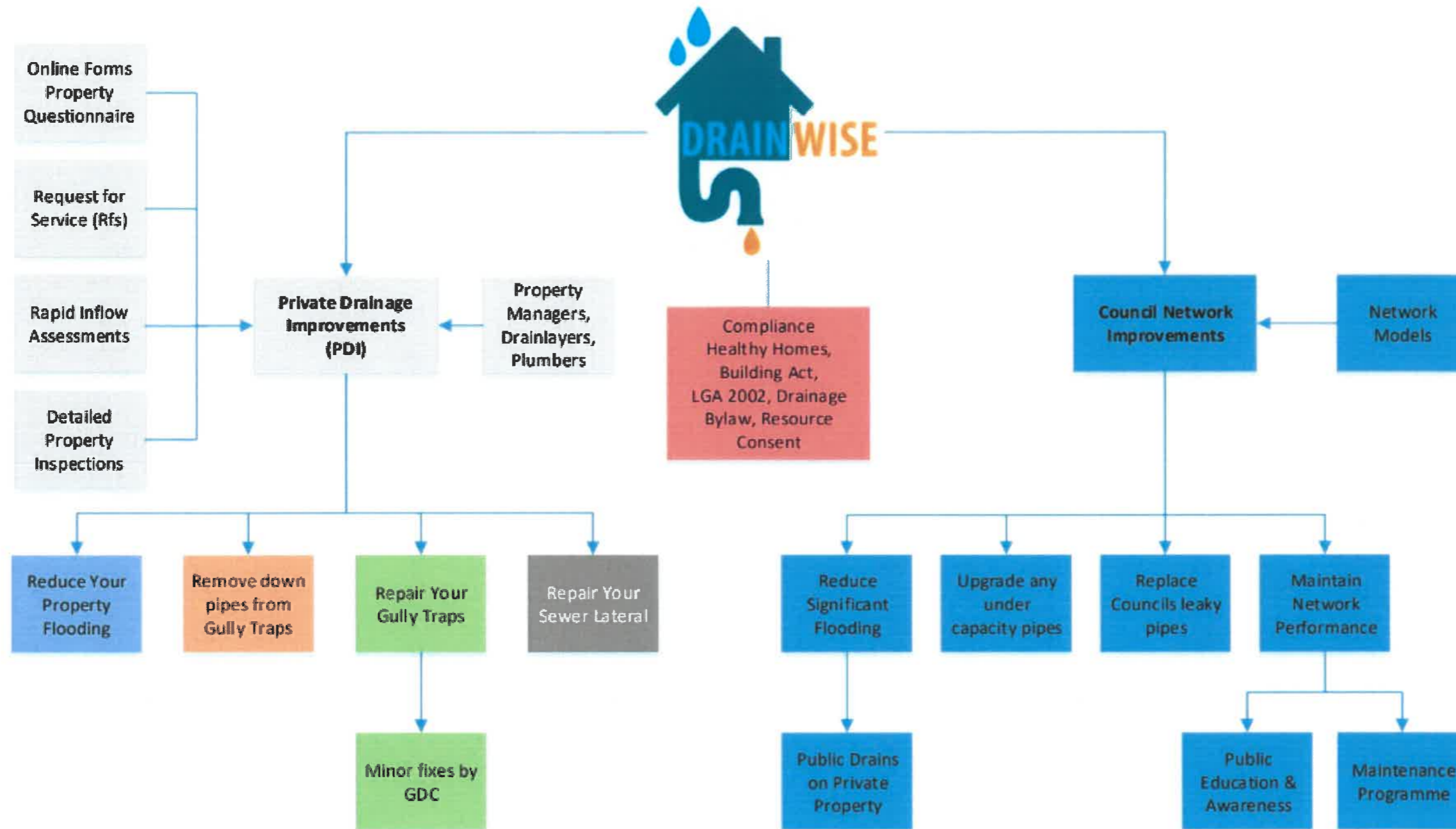


Oak St Interceptor collection items people discard into the sewer



Ballance St. Solidified fat caught on rags of manhole

Material removed from wastewater network



DrainWise Programme Elements

Priority Area	Timeframe					Comments
	Previous work (2015 - 2021)	Years 1 - 5 (2022 - 2027)	Years 6 - 10 (2027 - 2031)	Years 11 - 15 (2031 - 2036)	Years 16 - 20 (2036 - 2041)	
Activity/Action:						
SW-WW Cross-connections		2018 - Ongoing				As identified through all of the above activities / actions All areas of Gisborne
Education and Awareness		2016 - Ongoing				Education and Awareness tasks will continue to be rolled out and reviewed in line with the overall programme
Sewer Main Renewals/Upgrades		Ongoing				Sewer main upgrades will continue as planned through renewal upgrades programmes.
Priority Area 1 - Kaiti						
Activity/Actions:						
Detailed Inspections	2015 - 2020					Detailed inspections have been replaced with other activities to enable focus on fast response inflow, quicker progress, and ensuring data is current for IIOPPS processes
Smoke Testing	2015 - 2022					Entire catchment will be tested - will continue to smoke test areas not included in CCTV work-stream
Rapid Inflow Assessments		2020 - 2022		2030 - 2032		Entire catchment will be inspected
Public Pipes on Private Property Assessments		2018 - 2022				% is relative to properties that have been identified as requiring assessment - based on risk
Public Pipes on Private Property Implementation		2018 - 2023				As identified from the assessments.
Gully traps too low or leaking	2016 - 2022					All properties in catchment will be inspected through the above four actions
CCTV work-stream (incl. smoke testing at same time) High/Medium Priority Properties		2022 - 2025				Will investigate private wastewater laterals on all high and medium priority properties to identify sources of infiltration
Private wastewater lateral repairs High Priority Properties		2023 - 2025				Percentage fixed is relevant to number that require to be fixed (based on CCTV etc. evidence).
Private wastewater lateral repairs Medium Priority Properties		2024 - 2026				Where ad hoc fixes are carried out and this is not within the timeframe indicated, these are also recorded.
CCTV work-stream (using smoke test data collected from 2015 - 2022) Low Priority Properties				2031 - 2036		Will investigate private wastewater laterals on remainder of properties once high and medium have been addressed

DrainWise Programme

Priority Area 2 – Whataupoko						
Activity/Action:						
Smoke Testing		2023 - 2026				Areas not included in CCTV work-stream
Rapid Inflow Assessments		2022 - 2023		2032 - 2033		Entire catchment will be inspected
Public Pipes on Private Property Assessments		2022 - 2025				% is relative to properties that have been identified as requiring assessment - based on risk
Public Pipes on Private Property Implementation		2022 - 2025				As identified from the assessments.
Gully traps too low or leaking		2022 - 2023				All properties in catchment will be inspected through the above four actions
CCTV work-stream (incl. smoke testing at same time) High/Medium Priority Properties			2024 - 2027			Will investigate private wastewater laterals on all high and medium priority properties to identify sources of infiltration
Private wastewater lateral repairs High Priority Properties			2025 - 2027			Percentage fixed is relevant to number that require to be fixed (based on CCTV etc. evidence).
Private wastewater lateral repairs Medium Priority Properties			2026 - 2028			Where ad hoc fixes are carried out and this is not within the timeframe indicated, these are also recorded.
CCTV work-stream (using smoke test data collected in 2023 - 2026) Low Priority Properties					2033 - 2038	Will investigate private wastewater laterals on remainder of properties once high and medium have been addressed
Priority Area 3 – City/Elgin						
Activity/Action:						
Smoke Testing			2026 - 2028			Areas not included in CCTV work-stream
Rapid Inflow Assessments		2024 - 2025		2034 - 2035		Entire catchment will be inspected
Public Pipes on Private Property Assessments			2025 - 2028			% is relative to properties that have been identified as requiring assessment - based on risk
Public Pipes on Private Property Implementation			2025 - 2028			As identified from the assessments.
Gully traps too low or leaking		2024 - 2025				All properties in catchment will be inspected through the above four actions
CCTV work-stream (incl. smoke testing at same time) High/Medium Priority Properties			2027 - 2029			Will investigate private wastewater laterals on all high and medium priority properties to identify sources of infiltration
Private wastewater lateral repairs High Priority Properties			2028 - 2029			Percentage fixed is relevant to number that require to be fixed (based on CCTV etc. evidence).
Private wastewater lateral repairs Medium Priority Properties			2029 - 2030			Where ad hoc fixes are carried out and this is not within the timeframe indicated, these are also recorded.
CCTV work-stream (using smoke test data collected in 2026 - 2028) Low Priority Properties					2035 - 2040	Will investigate private wastewater laterals on remainder of properties once high and medium have been addressed

DrainWise Programme (continued)

Priority Area 4 - Mangapapa						
Activity/Action:						
Smoke Testing				2028 - 2030		Areas not included in CCTV work-stream
Rapid Inflow Assessments		2025 - 2026			2035 - 2036	Entire catchment will be inspected
Public Pipes on Private Property Assessments		2025 - 2028				% is relative to properties that have been identified as requiring assessment - based on risk
Public Pipes on Private Property Implementation		2025 - 2028				As identified from the assessments.
Gully traps too low or leaking		2025 - 2026				All properties in catchment will be inspected through the above four actions
CCTV work-stream (incl. smoke testing at same time) High/Medium Priority Properties				2029 - 2031		Will investigate private wastewater laterals on all high and medium priority properties to identify sources of infiltration
Private wastewater lateral repairs High Priority Properties				2030 - 2031		Percentage fixed is relevant to number that require to be fixed (based on CCTV etc. evidence).
Private wastewater lateral repairs Medium Priority Properties				2031 - 2032		Where ad hoc fixes are carried out and this is not within the timeframe indicated, these are also recorded.
CCTV work-stream (using smoke test data collected in 2028 - 2030) Low Priority Properties					2037 - Ongoing	Will investigate private wastewater laterals on remainder of properties once high and medium have been addressed
Priority Area 5 - Remainder of City						
Activity/Action:						
Smoke Testing				2030 - 2032		Areas not included in CCTV work-stream
Rapid Inflow Assessments			2027 - 2028		2037 - 2038	Entire catchment will be inspected
Public Pipes on Private Property Assessments		2025 - 2028				% is relative to properties that have been identified as requiring assessment - based on risk
Public Pipes on Private Property Implementation		2025 - 2028				As identified from the assessments.
Gully traps too low or leaking			2027 - 2028			All properties in catchment will be inspected through the above four actions
CCTV work-stream (incl. smoke testing at same time) High/Medium Priority Properties				2030 - 2034		Will investigate private wastewater laterals on all high and medium priority properties to identify sources of infiltration
Private wastewater lateral repairs High Priority Properties				2032 - 2035		Percentage fixed is relevant to number that require to be fixed (based on CCTV etc. evidence).
Private wastewater lateral repairs Medium Priority Properties				2031 - 2036		Where ad hoc fixes are carried out and this is not within the timeframe indicated, these are also recorded.
CCTV work-stream (using smoke test data collected in 2030 - 2032) Low Priority Properties					2039 - Ongoing	Will investigate private wastewater laterals on remainder of properties once high and medium have been addressed

DrainWise Programme (continued)