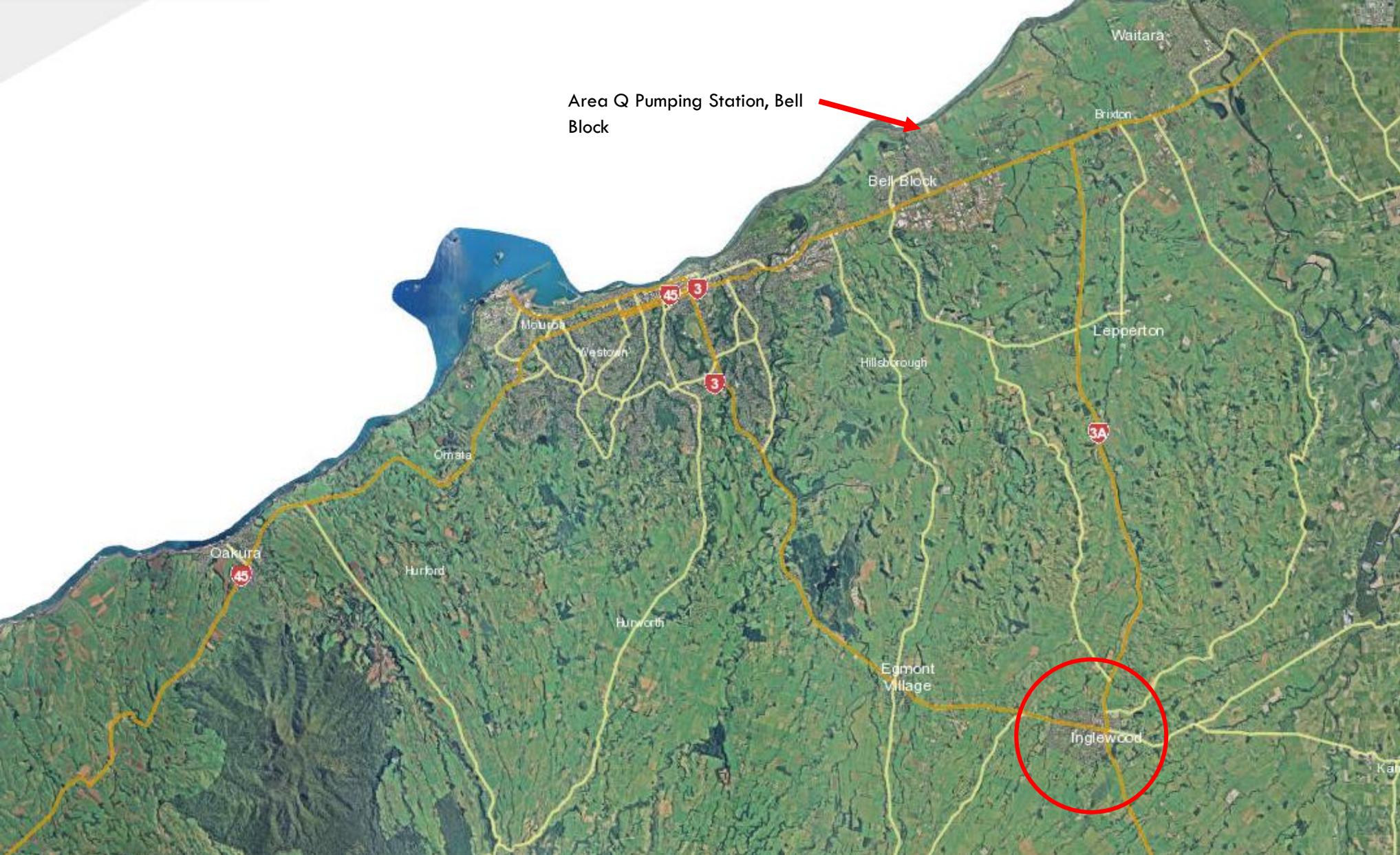


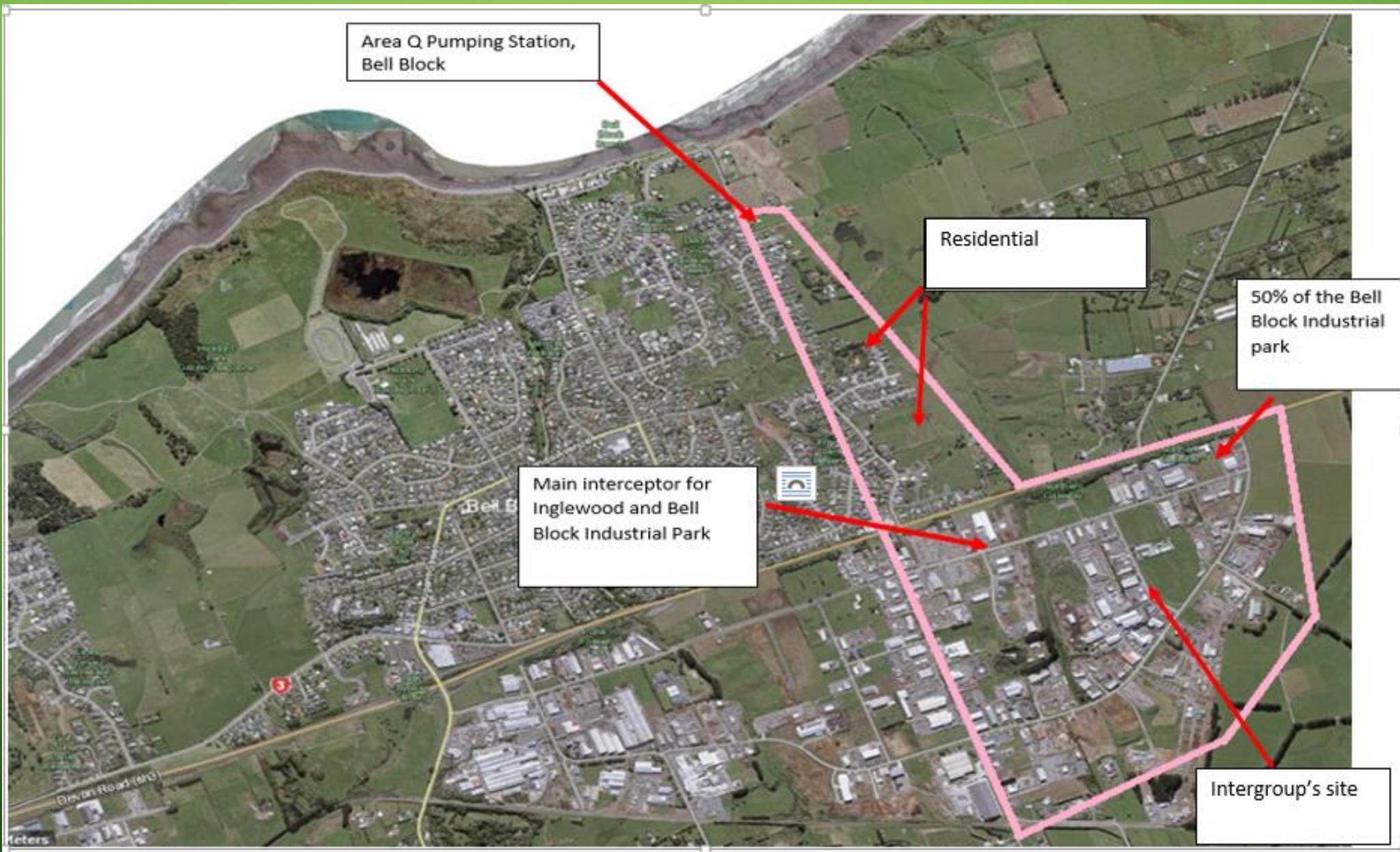


2022 INVESTIGATION INTO RANDOM FOAMING EVENTS AT AREA Q PUMPING STATION, BELL BLOCK, NEW PLYMOUTH

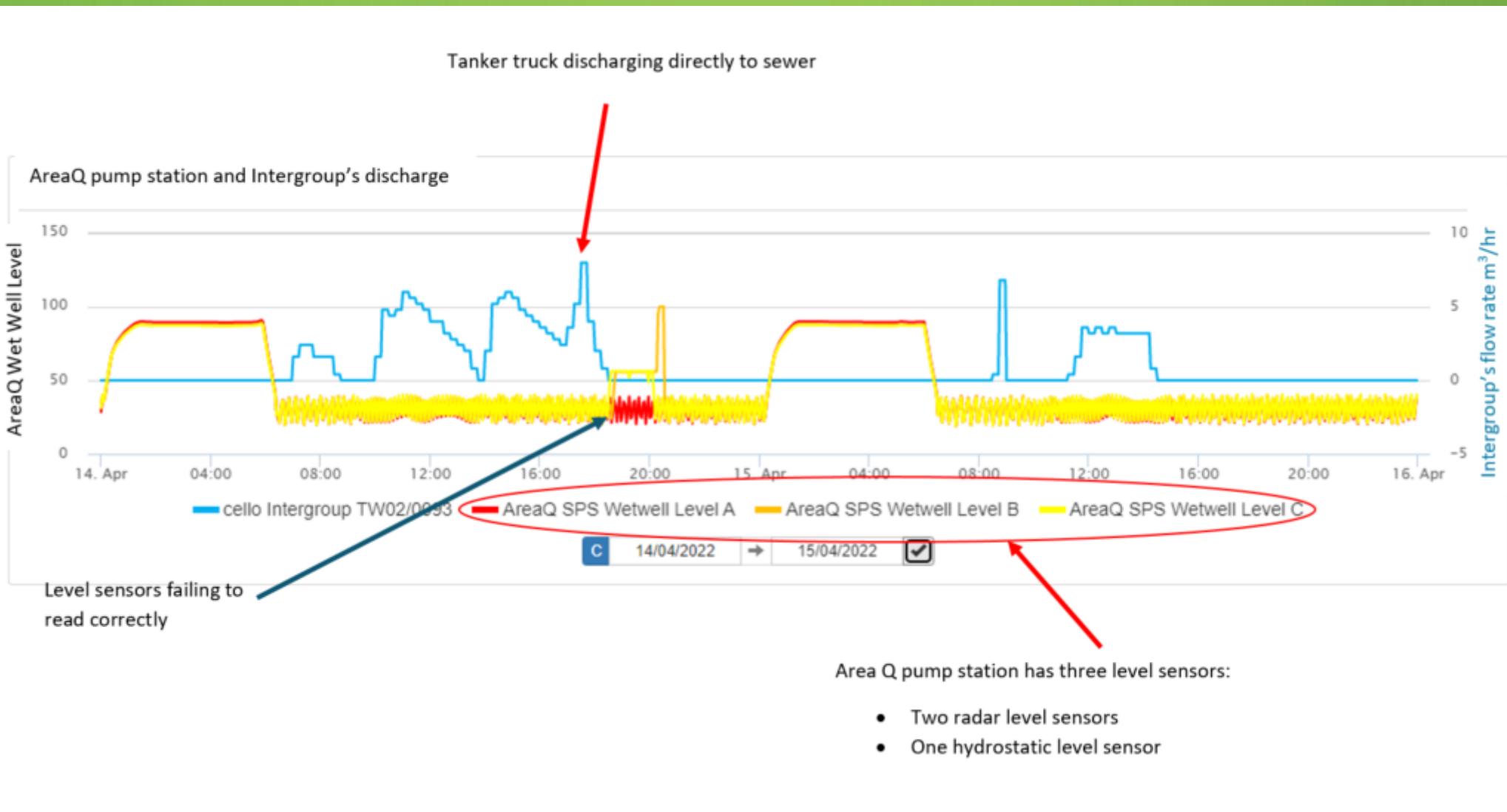
EVENTS AS THEY UNFOLDED



BELL BLOCK



INTERGROUP'S FLOW DATA VS AREA Q PS FOAMING



THE INVESTIGATION OUTCOME

- Rig sites now label the various tanks as Grey water or Black water.
- Intergroup recommenced discharging Black water in their yard to sewer.
- Several days later foaming reappeared at Area Q pump station. Data showed this continued to happen right after Intergroup's Blackwater discharge.
- At this point it was suspected that some other discharge was the cause of the foam and when Intergroup discharged through their system the higher flow combined with the product already in the pipe caused the foaming.

TARANAKI REGIONAL COUNCIL CALL OUT AT 12:20AM



LIQUID FERTILISER BLENDING



WASH PAD AND STORED IBC'S FOR REUSE



WHAT CAUSED THE FOAMING?





Slot drain bordering the wash pad



Third stage of oil interceptor

HOW WAS THERE FOAM IN THE SEWER AND ALSO IN THE ENVIRONMENT?



Diversion Gate



Oil Interceptor after diversion gate



IBC's being cleaned and running into the trade waste system