

APPENDIX C: SITE PHOTOGRAPHS



Photograph 1: View of the lower Milnerton Lagoon, south of the Loxton Road Bridge, facing south-west. The Woodbridge Island is pictured on the right of the image and the residential area along west of the R27 is pictured on the left of the image.



Photograph 2: View of the lower Milnerton Lagoon, north of the Loxton Road Bridge, facing south-west. The Milnerton Golf Club is pictured to the right, and the Milnerton Lighthouse near the Lagoon Beach main entrance is pictured to the back-end of the image.



Photograph 3: View of the lower Milnerton Lagoon, north of Loxton Road Bridge, facing south-east. The built-up residential area adjacent to the lagoon is visible in the background, with a combination of vegetation and sea wall lining the lagoon's edges.



Photograph 4: View near the mouth of the Milnerton Lagoon at Lagoon Beach, with the edge of Woodbridge Island visible in the background.



Photograph 5: The proximity of lagoon-facing residents to the edge of the lagoon is captured.



Photographs 6 & 7: The mouth of the Milnerton Lagoon was found to be open to the sea at the time of sampling on 18 December 2024. Photograph 6 was taken facing south-west and image 7 was taken facing south-east towards the apartment and businesses located on the eastern edge of the lagoon.



Photograph 8: Intrusion of seawater from Lagoon Beach into the lower estuary can be observed from the image.



Photograph 9: Natural vegetation persists along the eastern edge of the lagoon near the estuary mouth within the intertidal zone



Photograph 10: View beneath the Otto Du Plessis Bridge. The proliferation of reeds along the edges of the channel can be seen; likely the result of loading of nutrient-enriched inflows into the lagoon.



Photograph 11: View beneath the Wooden Bridge displays the discolouration of the water.





Photographs 12 – 17: The discoloured and polluted state of the water within the lower lagoon, captured upstream of the Loxton Road Bridge, can be observed from these images. The various source points of pollution have markedly impoverished the quality of water within the Milnerton Lagoon flowing through the site.



Photographs 18 and 19: Potsdam Waste Water Treatment Works (WWTW) outlet pipes showing discharge of waste water directly into the lagoon.



Photographs 20-21: The degraded state of the lagoon water adjacent to the Potsdam WWTW outlet is shown by these images.



Photographs 22-23: An urban stormwater outlet along the R27 upstream of the site is displayed in this image. Contaminant loads from stormwater runoff of this outlet can be observed.

Urban stormwater outlets are a source of pollution within the lagoon since runoff contains contaminant loads from roads, gardens, and industrial areas, which are sporadically and increasingly contaminated with raw sewage due to failed or blocked pipelines and pump station overflows.



Photograph 24: Pollution loading from the Theo Marais Canal outlet pipe and discharged wastewater (upstream of the site) is pictured in this image.