

THE SEWAGE TREATMENT PACKAGE PLANT FOR THE PROPOSED LUSAKA COMMUNITY HEALTHCARE FACILITY, PHUTHADITJHABA, THABO MOFUSANYANA DISTRICT, FREE STATE PROVINCE SITE PHOTOS TAKEN ON THE 3rd OF DECEMBER 2021

PROJECT START



Figure 1: Site where the Sewage Treatment Package Plant (STP) is to be located. Site viewed from the immediate west



Figure 2: Existing stormwater drainage where the proposed discharged pipeline is to be located

GENERAL CONDITIONS OF THE STUDY AREA



Figure 3: Existing Storm water infrastructure adjacent to the tarred road that is currently not maintained. (Direction – SE)



Figure 4: The proposed STP area viewed from the southwest. Note the transformed nature of the site



Figure 5: Existing and degraded Storm water infrastructure with overgrown vegetation (viewed from the south)



Figure 6: The Metsi Matsho Tributary degraded by Illegal dumping

ECOLOGY ALONG THE STUDY AREA



Figure 7: Overview of study site largely transformed and degraded



Figure 8: Remaining vegetation along the proposed discharge pipeline route



Figure 9: An example livestock grazing around the proposed site was noted



Figure 10: An oxpecker observed lingering around the cow



Figure 11: An interior view of the site where the proposed Healthcare facility (Clinic) is proposed

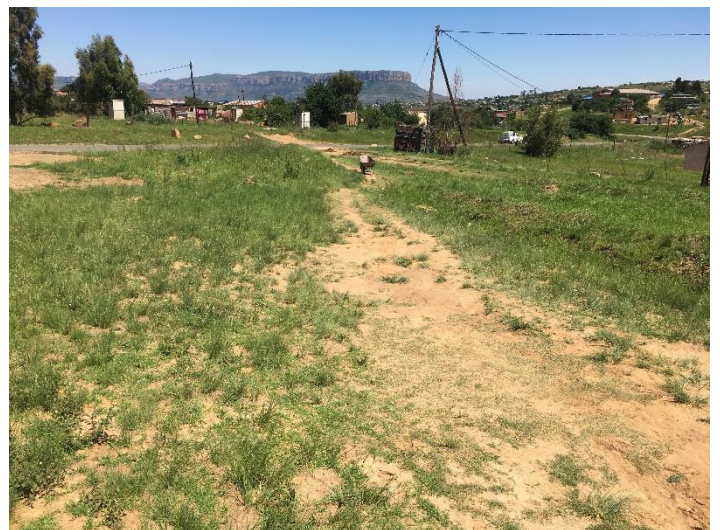


Figure 12: Surrounding transformed areas on the vicinity of the study area

INFRASTRUCTURE AND SERVICES



Figure 13: An example of existing electricity powerlines in n close proximity to the site



Figure 14: Dilapidated sewage pump station noted to be seeping raw sewage directly into the Metsi Matsho tributary



Figure 16: Water pipelines crossing the Metsi Matsho Tributary



Figure 17: Manholes noted around site seeping sewage directly into the tributary