

Appendix A – Surface structures and receiving environments

Site name	Key features	Receiving environment
Western Springs	Drop shafts Access Shaft Grit chamber Air intake Possible air treatment facility	Moderate to high sensitivity Site near the northern edge of sports park, within 20m of current rugby pitches Residential areas approximately 100m to the east and 170m to the south
Mount Albert War Memorial Reserve	Drop shaft Access Shaft	High sensitivity Public open space Residential within 30m
Lyon Avenue	Drop shaft Access Shaft Air intake Inlet pressure relief overflow	High sensitivity Public open space High density residential area, retail premises and sports fields within 50m
Haverstock Road	Drop shaft Access Shaft Inlet pressure relief overflow	High sensitivity Public open space Residential within 40m
Walmsley Park	Drop shaft Access Shaft Stoplog chamber	High sensitivity Public open space Residential within 30m
May Road	Drop shaft Access Shaft Stoplog chamber Air intake Possible air treatment facility	High sensitivity Residential within 30m (to the southwest); wholesale food and food distribution premises within 40-100m to the east and north
Keith Hay Park	Drop shaft Access Shaft Stoplog chamber	High sensitivity Within residential area Houses within 10m
Pump Station 23	Drop shaft Access Shaft Air intake Pressure relief air vent Pump station to be demolished Air treatment facility	High sensitivity Residential within 15m-100m (to the north, northwest and southwest)
Kiwi Esplanade	Drop shaft Access Shaft Pressure relief air vent	Moderate to high sensitivity Public open space Residential within 100m

Site name	Key features	Receiving environment
Mangere Pump Station	Pump station Air treatment facility Emergency pressure relief outfall	Low sensitivity Within odour boundary of Mangere WWTP
Motions Road	Drop shaft Connection chamber Grit chamber Inlet pressure relief overflow	Moderate to high sensitivity Public open space Within 100m of zoo entrance and 150m of two schools
Western Springs Depot	Access shaft	Moderate sensitivity Close to public open space and Western Springs Stadium
Rawalpindi Reserve	Drop shaft Connection chamber Grit chamber (existing grit chamber retained) Inlet pressure relief overflow	High sensitivity Public open space Residential within 30m
Norgrove Avenue	Drop shaft Connection chamber	High sensitivity Public open space Within residential area Houses within 20m
Pump Station 25	Drop shaft Connection chamber Grit chamber Air intake Possible air treatment facility Pump station to be demolished	High sensitivity Public open space Residential within 70m
Miranda Reserve	Drop shaft	High sensitivity Public open space Residential within 30m
Whitney Street	Drop shaft	High sensitivity Within residential area Houses within 15m
Dundale Avenue	Access shaft	High sensitivity Public open space Within 30m of houses
Haycock Avenue	Drop shaft Access shaft Air intake	High sensitivity Within residential area Houses within 10m