

PHOTOS	
Photo Number	Description
Merweville	
Water Infrastructure	
MV1	Borehole MV4: Fenced, locked with alarm. Solar
MV2	Borehole MV4.
MV3	Borehole MV4: Fire extinguisher
MV4	Borehole MV4: Safmag flow meter and AVK swing check valve
MV5	Borehole MV4: MCC with flow meter
MV6	Borehole MV4: Flow meter display
MV7	Borehole MV4: Scada system
MV8	<a href="#">Borehole MV4: DN25 Safmag flow meter</a>
MV9	Borehole MV5: Fenced, locked with alarm. Solar
MV10	Borehole MV5
MV11	Borehole MV5: Fire extinguisher
MV12	Borehole MV5: Safmag flow meter and AVK swing check valve
MV13	Borehole MV5: MCC with flow meter
MV14	Borehole MV5: Flow meter display
MV15	Borehole MV5: Scada system
MV16	<a href="#">Borehole MV5: DN25 Safmag flow meter</a>
MV17	Borehole MV6: Fenced and locked. Inside municipal yard, no alarm.
MV18	Borehole MV6: Safmag flow meter and AVK swing check valve
MV19	Borehole MV6: MCC with flow meter
MV20	Borehole MV6: Flow meter display
MV21	Borehole MV6: Scada system
MV22	Borehole MV6: Control valve with sample tap
MV23	<a href="#">Borehole MV6: DN25 Safmag flow meter</a>
MV24	Borehole MV3: Fenced, locked with alarm.
MV25	Borehole MV3
MV26	Borehole MV3: Safmag flow meter and AVK swing check valve
MV27	Borehole MV3: Control valve with sample tap
MV28	Borehole MV3: Scada system
MV29	Borehole MV3: MCC with flow meter
MV30	Borehole MV3: Flow meter display
MV31	<a href="#">Borehole MV3: DN25 Safmag flow meter</a>
MV54, MV56, MV63	0.400 MI Reservoir. Fenced and locked. <b>Cover not locked.</b>
MV55, MV57, MV64	0.200 MI Reservoir. Fenced and locked. <b>Cover not locked.</b>
MV58	Meter and scour chamber
MV59	Scour valve, inlet and outlet of 0.200 MI reservoir
MV60	Inlet and outlet of 0.200 MI reservoir
MV61, MV62	<a href="#">100mm dia. bulk water meter on outlet of reservoir, m<sup>3</sup> (Precision Meter)</a>
MV65	Two bulk water meters for supply to town.
MV66	<a href="#">Bulk water meter for supply to town, m<sup>3</sup></a>
MV67 - MV69	<a href="#">100mm dia. bulk water meter for supply to town, m<sup>3</sup></a>
MV70V - MV73	Honeywell Smart water meters for connections
MV74	Borehole ME6: Fenced, locked with alarm. Solar
MV75	Borehole ME6
MV76	Borehole ME6: Safmag flow meter and AVK swing check valve
MV77	Borehole ME6: 25mm dia. Safmag flow meter
MV78, MV79	Borehole ME6: Scada system

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MV80	Borehole ME6: MCC with flow meter
MV81	Borehole ME6: Flow meter display
MV82	<a href="#">Borehole ME6: DN25 Safmag flow meter</a>
MV83	Borehole ME4: Fenced and locked. <b>No alarm.</b> Also supply water to animals.
MV84	Borehole ME4
MV85	Borehole ME4: Safmag flow meter and AVK swing check valve
MV86	Borehole ME4: Safmag flow meter
MV87	Borehole ME4: MCC with flow meter
MV88	Borehole ME4: Flow meter display
MV89	Borehole ME4: Scada system
MV90	<a href="#">Borehole ME4: DN25 Safmag flow meter</a>
MV91	Borehole MV2: Fenced, locked with alarm. Solar
MV92	Borehole MV2
MV93	Borehole MV2: Safmag flow meter and AVK swing check valve
MV94	Borehole MV2: Safmag flow meter
MV95 – MV97	Borehole MV2: MCC with flow meter
MV98 – MV100	Borehole MV2: Scada system
MV101	<a href="#">Borehole MV2: DN25 Safmag flow meter</a>
MV102	Borehole ME9: Fenced, locked and alarm.
MV103	Borehole ME9
MV104	Borehole ME9: Safmag flow meter and AVK swing check valve
MV105	Borehole ME9: MCC with flow meter
MV106	Borehole ME9: Flow meter display
MV107	Borehole ME9: Scada system
MV108	<a href="#">Borehole ME9: DN25 Safmag flow meter</a>
MV109	Borehole ME7: Fenced and locked. <b>No alarm</b>
MV110	Borehole ME7: Safmag flow meter and AVK swing check valve
MV111	Borehole ME7: Safmag flow meter
MV112	Borehole ME7: Control valve with sample tap
MV113	Borehole ME7: MCC and Scada System
MV114	Borehole ME7: MCC with flow meter
MV115	Borehole ME7: Scada System
MV116	<a href="#">Borehole ME7: DN25 Safmag flow meter</a>
MV117 – MV120	Sodium Hypochlorite dosing system. <b>Only one dosing pump.</b>
MV121, MV122	Control Sheet for recording of borehole readings.
MV123	Control Sheet for recording of bulk water meters for supply to town.
Sewerage Infrastructure	
MV32	WWTW: Office building. Vandalised, doors removed and cables stolen. <b>Flow meter vandalized. No water and no power.</b>
MV33	WWTW: Inlet works with hand raked screen. <b>No rake.</b>
MV34	WWTW: Dry bed for grit
MV35, MV48, MV49	WWTW: <b>Fence vandalised.</b>
MV36	WWTW: Flow meter probe
MV37	WWTW: <b>Sluice gates removed for diversion of flow between different ponds.</b>
MV38, MV39	WWTW: Unlined Primary Pond No.1. <b>All ponds overgrown with vegetation. No flow between ponds.</b>
MV40	WWTW: Unlined Primary Pond No.2
MV41, MV47	WWTW: Final irrigation pond.
MV42, MV44, MV45	WWTW: Two tertiary ponds

PHOTOS	
Photo Number	Description
MV43	WWTW: All pipelines between ponds blocked.
MV46	WWTW: Secondary Pond
MV50	WWTW: Final effluent pump station, vandalised. Doors were stolen
MV51	WWTW: MCC of final effluent pump station vandalized.
MV52, MV53	WWTW: Final effluent pumps (x2), vandalised.
Nelspoort	
Water Infrastructure	
NP20	Honeywell Smart Water Meter (Consumers)
NP24, NP25	Main Bulk Meter on supply pipeline from 0.911 MI reservoir to town. 200mm dia. town bulk water meter, x10m <sup>3</sup> Chamber to be cleaned and adequately secured.
NP26	Meter readings taken daily of some of the meters.
NP27, NP28	Raw Water Reservoir, 0.088MI, Supply from Sout River and Borehole No.3
NP29 – NP32	Four slow sand filters (8m x 8m each). Fence not adequate to keep animals out.
NP33, NP34	100mm dia. bulk water meter for supply from Sout River, at filters site (m <sup>3</sup> ). Chamber to be cleaned and adequately secured. Walls to be lifted to prevent rainwater runoff into the chamber.
NP35	Nelspoort WTW. Fenced and locked.
NP36, NP55	Aeration structure.
NP37	Borehole No.1 and WTW PS building. Locked.
NP38	Nelspoort Borehole No.1
NP39, NP40	40mm dia. BH No.1 meter, m <sup>3</sup> (Elster)
NP41	WTW PS. Pump No.1 was removed.
NP42 – NP46	WTW PS (x2): Motor No.1 WEG TE160L, 18.5 kW, Pump No.1 M&B Normaflo NF 40-250 (Removed). Motor No.2 Actom, 18 kW, Pump No.2 KSB, Type ETANORM 065-040-250.
NP47	Two Pumps for chlorine dosing.
NP48	Chlorine gas dosing. Regulator and dosing pump were removed for repairs. Current disinfection HTH granular by hand.
NP49, NP50	100mm dia. PS bulk water meter, m <sup>3</sup>
NP51	Borehole No.2 building. Locked.
NP52	Nelspoort Borehole No.2
NP53, NP54	40mm dia. BH No.2 meter, m <sup>3</sup> (Elster)
NP56, NP57	Four WTW Reservoirs, roughly 0.140 MI each. Some of the galvanized sheets that cover the reservoirs were previously stolen.
NP58	Sout River raw water PS, with two submersible pumps.
NP59, NP60	100mm dia. Sout River abstraction bulk water meter on rising main of raw water PS, m <sup>3</sup> (Elster)
NP61	MCC for Sout River raw water PS.
NP62	Sout River Weir
NP63	Abstraction from weir
NP64 – NP66	Sout River Weir. Overgrown with reeds, to be cleared.
NP67 – NP72	Nelspoort Borehole No.3. Fenced and locked, no alarm. 100mm dia BH No.3 meter, m <sup>3</sup> (Meistream).
NP73 – NP75	Nelspoort Reservoir 0.911 MI. Fenced and locked. WTW PS switched on and off with Scada (Spectrum). Reservoir covers locked and airvents covered.
Sewerage Infrastructure	
NP1	WWTW: Nelspoort oxidation pond system. Not locked.
NP2	WWTW: Fence vandalized at a number of places.
NP3 – NP5	WWTW: Inlet works with two grit channels and hand raked screen.
NP6	WWTW: Lined Primary Pond No.1
NP7	WWTW: Lined Primary Pond No.2
NP8	WWTW: Lined Primary Pond No.3

PHOTOS	
Photo Number	Description
NP9	WWTW: One Secondary Pond
NP10	WWTW: Evaporation Pond
NP11	WWTW: Signage of unsafe water at ponds
NP12	WWTW: Tertiary Pond No.1
NP13	WWTW: Tertiary Pond No.2
NP14	Main sewer PS. Fenced and locked. <b>Fence vandalized.</b>
NP15, NP16	<b>Overflow at Main Sewer PS. Pump tripped.</b>
NP17, NP18	MCC for main sewer PS.
NP19, NP21	<b>Main sewer PS. Only one pump currently, other pump to be reinstalled. Operational personnel indicated that sump capacity is inadequate.</b>
NP22	<b>Garage sewer PS. Only one pump.</b>
NP23	MCC for Garage sewer PS.
Murraysburg	
Water Infrastructure	
MB22 – MB27	New 0.500 MI Dokterskop reservoir (Town). Fenced and locked. Covers locked. All equipment adequately secured. <b>Bulk flow meter, m<sup>3</sup>, linked to scada (Safmag).</b> Scada system for level control and monitoring.
MB28 – MB33	Rugby Field BH. Fenced and locked, but <b>no alarm.</b> 50mm dia. BH meter, m <sup>3</sup> (Safmag) and AVK swing check valve. Linked to Scada system.
MB34	Honeywell Smart Water Meter (Consumers)
MB47 – MB58	Moddergat BH (MBD3). Fenced and locked, with alarm. Solar. Disinfection with sodium hypochlorite. <b>100mm dia. BH meter, m<sup>3</sup> (Safmag)</b> and AVK swing check valve. Linked to Scada system.
MB59 – MB70	Riverside BH (MBD2A). Fenced and locked, <b>but alarm is faulty.</b> Solar. Disinfection with sodium hypochlorite. <b>80mm dia. BH meter, m<sup>3</sup> (Safmag)</b> and AVK swing check valve. Linked to Scada system.
MB71 – MB76	Victoria Wes BH. Fenced and locked, <b>but alarm is faulty.</b> Disinfection with sodium hypochlorite. <b>50mm dia. BH meter, m<sup>3</sup> (Safmag)</b> and AVK swing check valve. Linked to Scada system.
MB77 – MB84	Hostel BH. Inside fenced terrain. <b>80mm dia. BH meter, m<sup>3</sup> (Kent Helix).</b> BH currently not used. <b>Opening in fence to be repaired, because children play close to borehole.</b>
MB85	0.300 MI steel reservoir currently not in use, in order to ensure that all water supplied from the reservoirs are metered.
MB86, MB87, MB96	0.500 MI reservoir. <b>Fence was vandalized and removed. Galvanised roof sheets were stolen.</b>
MB88, MB90	New 0.200 MI reservoir. Fenced and locked.
MB89	<b>0.500 MI reservoir is leaking from floor.</b>
MB91, MB92, MB97	<b>80mm dia. bulk flow meter, m<sup>3</sup>, linked to scada (Safmag).</b> Measure all water supplied from two reservoirs. Meter chamber locked.
MB93, MB94	Scada system for level control and monitoring.
MB95	Reservoir covers locked and air vents covered.
Sewerage Infrastructure	
MB1	WWTW: Anaerobic Pond No.1. <b>Fence vandalized and stolen.</b>
MB2	WWTW: Anaerobic Pond No.2
MB3	WWTW: Overflow from Anaerobic Pond
MB4	WWTW: Primary Pond
MB5	WWTW: Secondary Pond No.1
MB6	WWTW: Secondary Pond No.2
MB7	WWTW: Tertiary Pond No.1
MB8	WWTW: Tertiary Pond No.2
MB9	WWTW: Tertiary Pond No.3
MB10	WWTW: Irrigation Pond
MB11, MB12	Final effluent PS building, locked.

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Photo Number	Description
MB13, MB18 – MB21	Final effluent PS (x2): Motor No.1 Motorelli, 7.5 kW; Pump No.1 KSB Type ETANORM 065-040-200; Motor No.2 Motorelli, 7.5 kW; Pump No.2 KSB Type ETANORM 065-040-200
MB14	Filters currently not used, due to regular blockages.
MB15	Irrigation supply lines.
MB16	100mm dia. irrigation meter, not operational.
MB17	MCC for irrigation PS
MB35	Murraysburg sewer PS. Locked.
MB36	Murraysburg sewer PS: Fence vandalized.
MB37	Murraysburg sewer PS: Emergency overflow pond
MB38	Murraysburg sewer PS (Two big and two small pumps). Currently only one small pump operational.
MB39	Murraysburg sewer PS: Hand raked screen.
MB40	Murraysburg sewer PS: Rising main pipework.
MB41, MB42, MB44	Murraysburg sewer PS: 200mm dia. flow meter (Safmag). Flow meter is faulty.
MB43	Murraysburg sewer PS: Inlet works with grit channels and hand raked screen.
MB45	Murraysburg sewer PS: MCC
MB46	Murraysburg sewer PS: Mobrey level sensor. Operated manually, because level sensor is faulty.
Beaufort West	
Water Infrastructure	
BW49	Reclamation Plant: Maturation river, cleaned once a month. Automatic control valve for supply to reclamation plant:
BW50	Reclamation Plant: Three submersible filter feed pumps, all operational.
BW51	Reclamation Plant: Filter feed line, with leak from filter tank.
BW52 – BW54	Reclamation Plant: Two sand filters.
BW55	Reclamation Plant: Control panel for filters
BW56	Reclamation Plant: Clear well of filters, with control valves
BW57	Reclamation Plant: MCC for final water PS
BW58 – BW62	Reclamation Plant: Final water PS (x2): Motor No.1 Motorelli, 75 kW; Pump No.1 KSB Type WKLn 80/3; Motor No.2 Motorelli, 75 kW; Pump No.2 KSB Type WKLn 80/3
BW63	Reclamation Plant: Final flow meter display unit.
BW64	Reclamation Plant: Two blowers for filters, both operational.
BW65	Reclamation Plant: MCC for reclamation plant
BW66	Reclamation Plant: Daily Operational sampling log sheet
BW67	Reclamation Plant: Scada system for plant
BW68	Reclamation Plant: Logging of flows at plant
BW69	Reclamation Plant: Laboratory (Turbidity Meter Hach 2100Q, COD Meter DRB200, Spectrometer DR3900, pH meter MM374
BW70	Reclamation Plant: Daily record of flows
BW71	Reclamation Plant: Two UV feed pumps
BW72	Reclamation Plant: Strainer
BW73	Reclamation Plant: Flow meter for UV feed
BW74	Reclamation Plant: Bank of filters
BW75	Reclamation Plant: Three RO feed pumps
BW76	Reclamation Plant: Flow meter for RO feed
BW77	Reclamation Plant: RO filters (Stage 1 was 12 filters and Stage 2 was 9 filters)
BW78	Reclamation Plant: Waste flow meter
BW79	Reclamation Plant: Sodium Hypochlorite dosing pumps. One dosing pump in for repairs.
BW80	Reclamation Plant: Chemical dosing tanks (Antiscalant – SpectraGuard 300, Sodium Caustic, Hydrogen Peroxide)

PHOTOS	
Photo Number	Description
BW81	Reclamation Plant: Dosing pumps
BW82	Reclamation Plant: UV system
BW83	Reclamation Plant: Access Register
BW84, BW86	Steenrots Booster PS: Fenced, locked with alarm
BW85	Steenrots Booster PS: Storage tank (Sump), Size 0.104 MI
BW87	Steenrots Booster PS
BW88, BW89	Steenrots Booster PS: 150mm dia. bulk water meter (E&H), m <sup>3</sup>
BW90	Steenrots Booster PS: Sodium Hypochlorite dosing pumps
BW91	Steenrots Booster PS: Sodium Hypochlorite storage tanks.
BW92, BW99	Steenrots Booster PS: MCC
BW93 – BW98	Steenrots Booster PS: Motor No.1 Actom, 90kW; Pump No.1 KSB Type WKLn 80/3; Motor No.2 Actom, 90kW; Pump No.2 KSB Type WKLn 80/3
BW100, BW101	BH KH3 was vandalized, busy with refurbishment. Not operational.
BW102 – BW108	BH SR10 fenced and locked. BH was vandalized (Scada, cables and alarm), not operational. 80mm dia. bh meter, m <sup>3</sup> (SA Metering Solutions)
BW109 – BW115	BH SR5. Fenced, locked with alarm. 80mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW116 – BW121	BH SR4 was vandalized, not operational. Meter and valve were removed.
BW122 – BW128	BH SR9 fenced, locked and alarm. 50mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW129 – BW136	BH QA2 fenced, locked and alarm. 50mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW137, BW138	BH QA2: Supply to farm with meter.
BW139 – BW141	BH KH5. BH was vandalized, not operational.
BW142 – BW144	BH HR18. BH was vandalized, not operational.
BW145	BH HR16. BH was vandalized, not operational.
BW146	BH HR15. BH was vandalized, not operational.
BW147 – BW149	BH HR 13. BH was vandalized, not operational.
BW150	BH HR10. BH was vandalized, not operational.
BW151	Vaalkoppies PS: Fenced, locked with alarm.
BW152	Vaalkoppies PS: Backup generator.
BW153	Vaalkoppies PS (x2)
BW154	Vaalkoppies PS: Sodium Hypochlorite dosing pumps
BW155, BW156	Vaalkoppies PS: 150mm dia. bulk water meter (E&H)
BW157	Vaalkoppies PS: MCC
BW158 – BW163	Vaalkoppies PS: Motor No.1 Actom, 75kW; Pump No.1 KSB Type ETANORM 100-080-250; Motor No.2 Actom, 75kW; Pump No.2 KSB Type ETANORM 100-080-250
BW164, BW165	Vaalkoppies Concrete Reservoir (Sump). Cover not locked.
BW166	Vaalkoppies PS: Sodium Hypochlorite dosing tanks
BW167 – BW172	BH Hoenderplaas: Fenced, locked with alarm. 80mm dia. bh meter, m <sup>3</sup> (Census Meter)
BW173 – BW180	BH Flagship. Fenced, locked with alarm. 80mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW201	Garcia Street PS. Fenced and locked, with alarm. Backup generator.
BW202	Garcia Street Fountain
BW203, BW205	Garcia Street PS (x1): Motor Eberle, 18.5kW; Pump was removed for repairs.
BW204	Garcia Street PS: MCC
BW206	Garcia Street PS: 100mm dia. bulk water meter
BW207	Beaufort Wes WTW building
BW208	WTW: Turbidity sampling of filtered water, 2 hourly. Free Chlorine is also sampled daily on final water.
BW209	WTW: TB200 Turbidity meter
BW210, BW211	WTW: Daily shift schedule control sheet
BW212	WTW: Daily reading of bulk water meters control sheet
BW213	WTW: Desludge of settling tanks control sheet

PHOTOS	
Photo Number	Description
BW214	WTW: Access control register
BW215	WTW: Chemical usage control sheet
BW216	WTW: Backwash of filters control sheet
BW217	WTW: Inlet of raw water
BW218, BW219	WTW: Two sedimentation tanks
BW220	WTW: Inlet pipe for recycled water, currently not in use. <b>Recycle water PS was vandalized.</b>
BW221	WTW: Aluminium Sulphate dosing
BW222	WTW: Lime feeder
BW223	WTW: Mixer tanks for aluminium sulphate
BW224	WTW: Aluminium sulphate and lime storage
BW225	WTW: Aluminium sulphate dosing pump, <b>only one pump</b>
BW226	WTW: Clear wells for filters
BW227	WTW: Blower
BW228	WTW: Two water pumps for chlorine dosing
BW229	WTW: Chlorine dosing building with safety signage
BW230	WTW: Storage of chlorine cylinders
BW231	WTW: Chlorine gas dosing. <b>Scale not working</b>
BW232	WTW: Two final water pumps and filter backwash pump
BW233	WTW: MCC for final water PS
BW234 – BW238	WTW: Final water PS (x2): Motor No.1 BMM, 11 kW; Pump No.1 KSB Type ETANORM 150-125-200; Motor No.2 BMM, 11 kW; Pump No.2 KSB Type New 125-200
BW239 – BW241	WTW: Filter backwash pump.
BW242	WTW: <b>Filter recycled water PS was vandalized.</b>
BW243	WTW: <b>Fence vandalized.</b>
BW244	WTW: Desludge valves at sedimentation tanks.
BW245, BW246	WTW: Two gravity sand filters
BW247	WTW: Control valves for filters
BW248	WTW: Rainfall and weather control sheet.
BW249, BW250	WTW: 150mm dia. bulk raw water meter for supply to WTW, x10m <sup>3</sup>
BW251	WTW: Meter chamber for two final water meters
BW252	WTW: 150mm dia. bulk final water meter for supply from WTW, x10m <sup>3</sup> (Elster)
BW253, BW254	WTW: 150mm dia. bulk final water meter for supply from WTW, x10m <sup>3</sup> (Elster)
BW255	5.750 MI reservoir at WTW site.
BW256, BW264	4.500 MI reservoir at WTW site. <b>Some of the chamber covers are missing.</b>
BW257, BW263	4.500 MI reservoir at WTW site. Covers locked.
BW258, BW259	150mm dia. Hillside II bulk water meter, x10 m <sup>3</sup> (Elster)
BW260	Bulk water meter for supply from reclamation plant, m <sup>3</sup> (Elster)
BW261, BW262	300mm dia. bulk water meter for final water to town, x10m <sup>3</sup> (Elster)
BW265	Chlorine gas dosing building. Additional disinfection for middle reservoir (4.500 MI)
BW266	Two water supply pumps for chlorine dosing.
BW267	MCC for chlorine dosing pumps.
BW268, BW269	Chlorine gas cylinders. <b>Scale is not working.</b>
BW270	BH Walkersdam. <b>BH was vandalized, not operational.</b>
BW271, BW272	BH Noordeinde South. Operational, but fence was vandalized. <b>BH meter, m<sup>3</sup> (Census Meter)</b>
BW273 – BW275	BH Noordeinde North. Operational, but fence was vandalized. <b>BH meter, m<sup>3</sup> (Census Meter)</b>
BW276	Noordeinde Booster PS building.
BW277 – BW282	Noordeinde Booster PS (x2). Motor No.1 Siemens, 45kW; Pump No.1 was removed; Motor No.2 Siemens, 45kW; Pump No.2 APE. Not in use.
BW283	Noordeinde Booster PS Generator.



PHOTOS	
Photo Number	Description
BW284	Noordeinde Booster PS MCC
BW285 – BW290	Noordeinde Booster PS (x2). Motor No.1 Dutchi, 44.4kW; Pump No.1 KSB Type ETA 80-250; Motor No.2 Motorelli, Unknown kW, Pump No.2 was removed.
BW291, BW292	Noordeinde 0.580 Ml reservoir
BW293 – BW295	BH GoG No.5. Operational. On guest farm. 50mm dia. bh meter, m <sup>3</sup> (Sensus Meter)
BW296 – BW298	BH GoG No.4. Operational. On guest farm. 50mm dia. bh meter, m <sup>3</sup> (Sensus Meter)
BW299 – BW301	BH GoG No.3. Not operational. On guest farm. 50mm dia. bh meter, m <sup>3</sup> (Sensus Meter)
No Photo	BH GoG No.2. Not operational. On guest farm.
BW302, BW303	BH GoG No.1. Not operational. On guest farm. 50mm dia. bh meter, m <sup>3</sup> (Sensus Meter)
No Photo	BH Bulkraal. Locked with meter. Operational.
No Photo	BH Volstruisgat. Locked with meter. Operational
No Photo	Waterval Fountain with meter.
BW304 – BW307	BH Waterval. Locked and operational. On guest farm. BH Meter, m <sup>3</sup>
BW308 – BW311	Gamka Dam. Bulk water meter was removed by DWS for calibration.
BW312, BW313	BH Skietbaan. Not operational. Not fenced. BH meter, m <sup>3</sup>
BW314	BH Lemoenfontein West. Meter was vandalized. Only used by farmer, not for municipal supply.
BW315 – BW319	BH Lemoenfontein North. Operational, locked building. 100mm dia. bh meter, m <sup>3</sup> .
BW320 – BW323	BH Brandwacht No.5. Operational. Not fenced, but near farmstall. BH meter, m <sup>3</sup>
BW324 – BW327	BH Brandwacht No.2. Not operational, motor burned. Locked building on private farm. BH meter, m <sup>3</sup>
BW328 – BW333	BH Kuilspoort (Tweeling). Operational, on private farm. Animals supplied with water from bh. Locked, but not fenced. 50mm dia. bh meter (Safmag)
BW334 – BW338	BH Brandwacht No.11. Operational, on private farm. Fenced and locked. 80mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW339 – BW341	BH Brandwacht No.4. Operational, on private farm. BH meter under water.
BW342 – BW345	BH Brandwacht No.3 Not operational, on private farm. BH meter
BW346 – BW348	BH Brandwacht No.6. Not operational, pump burned. On private farm. BH meter
BW349 – BW351	BH Brandwacht No.8. Operational, on private farm. BH meter, m <sup>3</sup>
BW352 – BW355	BH Brandwacht No.1. Operational, on private farm. Animals supplied with water from bh. BH meter, m <sup>3</sup>
BW356 – BW358	BH Brandwacht No.9. Operational, on private farm. 100mm dia. bh meter, m <sup>3</sup> (Sensus).
BW359 – BW363	BH Rhenosterkop. Operational, on private farm. 80mm dia. bh meter (Safmag)
BW364 – BW370	BH GeoScience No.1 Operational. Fenced and locked, with alarm (Alarm faulty). 80mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW371 – BW375	BH GeoScience No.2 Operational. Fenced and locked, with alarm (Alarm faulty). 80mm dia. bh meter, m <sup>3</sup> (Safmag)
BW376 – BW378	BH Springfontein Operational, not fenced. 50mm dia. bh meter, m <sup>3</sup> (Precision Meters)
BW379 – BW381	BH Steenoonde. Vandalised, meter also vandalised
BW382	Uitspan reservoir 0.260 Ml
BW383	Uitspan Booster PS building. Locked
BW384	Uitspan bulk water meter on rising main, m <sup>3</sup>
BW385	BH Uitspan. Locked inside building with alarm. BH meter.
BW386 – BW392	Uitspan Booster PS (x2): Motor No.1 Able, 37kW; Pump No.1 KSB Type ETANORM 080-065-250; Motor No.2 BMM, 30kW; Pump No.2 Salsa, Type VEG65
BW393 – BW397	BH Sandgat Operational. Locked inside building, with alarm. 100mm dia bh meter, m <sup>3</sup> (Sensus)
BW398	BH Golfbaan Vandalised.
BW399 – BW401	BH Spoornet Operational. Not fenced. BH meter, m <sup>3</sup>
Sewerage Infrastructure	
BW1	WWTW: Flow meter readings
BW2, BW3	WWTW: Daily Shift Log sheet. Operational Sampling: SVI every half hour.
BW4 – BW7	WWTW: Archimedes screw PS. Busy with the refurbishment of one of the screw pumps.



PHOTOS	
Photo Number	Description
BW8	WWTW: MCC for screw PS
BW9, BW10	WWTW: Inlet works with mechanical front raked screen
BW11	WWTW: Inlet works with degritter
BW12	WWTW: Degritter not operational.
BW13, BW14	WWTW: Incinerator not operational. Diesel supply pipe vandalized.
BW15	WWTW: Probe for flow meter
BW16	WWTW: Inflow meter
BW17, BW21	WWTW: Raw sewage PS building
BW18	WWTW: Raw sewage lift pumps (x2)
BW19	WWTW: Sludge pumps (x2). Not in use anymore.
BW20	WWTW: MCC for raw sewage PS
BW22, BW23	WWTW: Five sludge drying beds, all operational.
BW24	WWTW: Sludge and recycle PS building
BW25	WWTW: MCC for sludge and recycle pumps
BW26	WWTW: Recycle pumps (x2). Only one operational.
BW27	WWTW: Sludge pumps (x2). Only one operational.
BW28 – BW31	WWTW: Bio Reactor. Aerators 1, 3 and 4 operational. Aerators 2 and 5 faulty.
BW32 - BW34	WWTW: SST
BW35	WWTW: Chlorine gas dosing point, pipe broken.
BW36	WWTW: Backup chlorine gas dosing.
BW37, BW39, BW40	WWTW: Old trickling filters, not in use anymore.
BW38, BW48	WWTW: Maturation pond
BW41	WWTW: Chlorine gas dosing building
BW42	WWTW: Chlorine contact channel, with probe for final flow metering
BW43	WWTW: Final flow meter.
BW44	WWTW: Two water supply pumps for chlorine dosing.
BW45 – BW47	WWTW: Chlorine gas dosing
BW181, BW184	Kwa Madlenkosi Sewer PS: Fenced, locked with pepper spray
BW182	Kwa Madlenkosi Sewer PS: Inlet works with drum screen.
BW183	Kwa Madlenkosi Sewer PS: Huber drum screen, block regularly
BW185	Kwa Madlenkosi Sewer PS: MCC
BW186 – BW189	Kwa Madlenkosi Sewer PS (x2): Grundfos Pumps Type SEV 80-80-200-2, 23kW, both pumps operational
BW190, BW191	Prince Valley S8 Sewer PS: Fenced, locked with alarm. Two submersible pumps, both operational.
BW192	Prince Valley S8 Sewer PS: Inlet screen with hand raked screen
BW193	Prince Valley S8 Sewer PS: Sump.
BW194	Prince Valley Sewer PS: Prince Valley Sewer PS building. Locked.
BW195	Prince Valley Sewer PS
BW196	Prince Valley Sewer PS: Hand raked screen
BW197 – BW199	Prince Valley Sewer PS (x2): Motor No.1 BP, 5.5kW; Pump No.1 Gorman Rupp Type T3A3; One motor and pump removed for repairs.
BW200	Network blockage at Prince Valley Sewer PS, resulting in overflow.