

PUMPING STATION PROFILE

PUMPING STATION NO. 1

- Location: A. Soriano Highway, Municipal Compound, Brgy. Daang Amaya I
- Latitude: 14°23'39"
- Longitude: 120°51'13"
- Elevation: 16.76 meters (55.00ft)
- Year Constructed/acquired: 1992
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Poblacion 1-4, Daang Amaya III, Bucal

WELL DATA

- Casing Diameter: 10"
- Depth: 99.06m
- SWL: 17.5m
- PWL: 33m
- Total Dynamic Head (TDH): 33.92m

MOTOR DATA

- HP: 30
- Voltage: 220
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 30.48m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 37.00
- Gallons per minute (GPM): 586

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 250.00 cu.m.
- Storage Elevation: 21.25m
- System of Operation: Direct Pumping/Fill and draw

ELECTROMECHANICAL DATA

- Electromechanical Installed: RVAT
- Riser Pipe Length: 3m
- Riser Pipe Diameter: 6"
- Riser Pipe Installed: 10.5

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 200
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
- 8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
- 70 setting rates 24 hrs a day (13.23 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:

- Upper point
- Middle point
- End point
- Commercial
- Household
- School
- Blow off



PUMPING STATION NO. 2

- Location: A. Soriano Highway, Brgy. Daang Amaya I
- Latitude: 14°23'23"
- Longitude: 120°50'42"
- Elevation: 14.94 meters (49.00ft)
- Year Constructed/acquired: 2000
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Julugan 1-8, Daang Amaya I-II, Biwas, Amaya I

WELL DATA

- Casing Diameter: 10"
- Depth: 99.06m
- SWL: 27m
- PWL: 75m
- Total Dynamic Head (TDH): 54.86m

MOTOR DATA

- HP: 40
- Voltage: 460
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 88.39m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 8.70
- Gallons per minute (GPM): 138

STORAGE DATA

- Storage Type: n/a
- Storage Capacity: n/a
- Storage Elevation: n/a
- System of Operation: Direct Pumping

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Vacon"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 15

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 100
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
 - 8% Minimum
- Disinfection Equipment setting:
 - 18.9 lph = 1 kg/100 ltrs of water
 - 50 setting rates 24 hrs a day (9.45 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



**Pump Station 2
Brgy. Daang Amaya I**

PUMPING STATION NO. 3

- Location: St. Augustine Village, Brgy. Daang Amaya II
- Latitude: 14°24'00"
- Longitude: 120°50'54"
- Elevation: 14.63 meters (48.00ft)
- Year Constructed/acquired: 2004
- Mode of acquisition: Turn Over
- Barangay Served: Daang Amaya II, Biwas

WELL DATA

- Casing Diameter: 10"
- Depth: 120.09m
- SWL: 22m
- PWL: 57m
- Total Dynamic Head (TDH): 47.80m

MOTOR DATA

- HP: 30
- Voltage: 460
- Amperage: 50

PUMP DATA

- Model: TS150-300-06
- Setting: 63.50m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 18.93
- Gallons per minute (GPM): 300

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 190cu.m.
- Storage Elevation: 13.4m
- System of Operation: Fill and Draw

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Fuji Frenic Aqua"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 9

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 75
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
60 setting rates 24 hrs a day (11.3 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



**Pump Station 3
Brgy. Daang Amaya II**

PUMPING STATION NO. 4

- Location: Summer Crest Subd., Brgy. Sahud-Ulan
- Latitude: 14°21'59"
- Longitude: 120°50'19"
- Elevation: 21.94 meters (72.00ft)
- Year Constructed/acquired: 2004
- Mode of acquisition: Turn Over
- Barangay Served: Some portion of Sahud-Ulan

WELL DATA

- Casing Diameter: 6"
- Depth: 120.40m
- SWL: 9m
- PWL: 12m
- Total Dynamic Head (TDH): 22.66m

MOTOR DATA

- HP: 7.5
- Voltage: 230
- Amperage: 50

PUMP DATA

- Model: QF30-06ST(4x6) 3" NPT
- Setting: 60.96m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 5.36
- Gallons per minute (GPM): 85

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 190cu.m.
- Storage Elevation: 13.72m
- System of Operation: Fill and Draw

ELECTROMECHANICALS DATA

- Electromechanical Installed: RVAT

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 3"
- Riser Pipe Installed: 10

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 75KVA
- Backup power switching: n/a

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
40 setting rates 24 hrs a day
(7.56 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



Pump Station 4
Brgy. Sahud - Ulan

PUMPING STATION NO. 5

- Location: Hauskon Homes., Brgy. Julugan VII
- Latitude: 14°24'11"
- Longitude: 120°50'37"
- Elevation: 10.97 meters (36.00ft)
- Year Constructed/acquired: 2003
- Mode of acquisition: Turn Over
- Barangay Served: Hauskon Homes

WELL DATA

- Casing Diameter: 8"
- Depth: 91.44m
- SWL: 9m
- PWL: 17m
- Total Dynamic Head (TDH): 42.67m

MOTOR DATA

- HP: 5
- Voltage: 220/single phase
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 60.96m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 5.04
- Gallons per minute (GPM): 80

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 114cu.m.
- Storage Elevation: 12.19m
- System of Operation: Fill and Draw

ELECTROMECHANICALS

DATA

- Electromechanical Installed: Soft Starter Control Panel
- Riser Pipe Length: 6m

- Riser Pipe Diameter: 2"
- Riser Pipe Installed: 15

BACK UP POWER

- Backup power source: n/a
- Backup power Kilo Volt-Ampere (KVA): n/a
- Backup power switching: n/a

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
50 setting rates 24 hrs a day
(9.45 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
Water Quality Monitoring for Residual/Area:

- Upper point
- Middle point
- End point
- Commercial
- Household
- School
- Blow off



**Pump Station 5
Brgy. Julugan VII**

PUMPING STATION NO. 6

- Location: Brgy. Mulawin
- Latitude: 14°22'50"
- Longitude: 120°51'24"
- Elevation: 14.94meters (49.00ft)
- Year Constructed/acquired: 2009
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Mulawin, Daang Amaya I-III, Biwas, Julugan I-VIII

WELL DATA

- Casing Diameter: 10"
- Depth: 127.410m
- SWL: 17m
- PWL: 30m
- Total Dynamic Head (TDH): 45.57m

MOTOR DATA

- HP: 50
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 60.96m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 29.00
- Gallons per minute (GPM): 460

STORAGE DATA

- Storage Type: n/a
- Storage Capacity: n/a
- Storage Elevation: n/a
- System of Operation: Direct Pumping

ELECTROMECHANICALS

DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Fuji Frenic Ace"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 4"
- Riser Pipe Installed: 9

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 100
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment: Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
45 setting rates 24 hrs a day (8.5 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
 - Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
- Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



PUMPING STATION NO. 7

- Location: Brgy. Paradahán I
- Latitude: 14°18'55.02"
- Longitude: 120°51'43.16"
- Elevation: 67.97 meters (223.00ft)
- Year Constructed/acquired: 2013
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Paradahán I-II, Bagtas, Punta I-II

WELL DATA

- Casing Diameter: 10"
- Depth: 137.00m
- SWL: 18m
- PWL: 28m
- Total Dynamic Head (TDH): 42.06m

MOTOR DATA

- HP: 50
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 71.93m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 40.00
- Gallons per minute (GPM): 634

STORAGE DATA

- Storage Type: n/a
- Storage Capacity: n/a
- Storage Elevation: n/a
- System of Operation: Direct Pumping

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Vacon"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 6"
- Riser Pipe Installed: 11.80

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 125
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
70 setting rates 24 hrs a day (13.23 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC Water Quality Monitoring for Residual/Area:
- Upper point
- Middle point
- End point
- Commercial
- Household
- School
- Blow off



**Pump Station 7
Brgy. Paradahán I**

PUMPING STATION NO. 8

- Location: Christine Village, Brgy. Biga
- Latitude: 14°21'40.53"
- Longitude: 120°51'25.96"
- Elevation: 27.74 meters (91.00ft)
- Year Constructed/acquired: 2006
- Mode of acquisition: Turn Over
- Barangay Served: Christine Village, Biga, Punta I, Sanja Mayor, Mulawin

WELL DATA

- Casing Diameter: 10"
- Depth: 149.96m
- SWL: 15m
- PWL: 22m
- Total Dynamic Head (TDH): 38.10m

MOTOR DATA

- HP: 60
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 48.016m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 30.00
- Gallons per minute (GPM): 476

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 150cu.m.
- Storage Elevation: 21.25m
- System of Operation: Fill and Draw

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Vacon"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 7.875

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 132
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
50 setting rates 24 hrs a day (9.45 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



PUMPING STATION NO. 9

- Location: Municipal Compound, Brgy. Daang Amaya I
- Latitude: 14°23'39"
- Longitude: 120°51'13"
- Elevation: 16.76 meters (55.00ft)
- Year Constructed/acquired: 2015
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Poblacion I-IV, Bucal, Daang Amaya I & III

WELL DATA

- Casing Diameter: 10"
- Depth: 136.86m
- SWL: 12m
- PWL: 51m
- Total Dynamic Head (TDH): 46.02m

MOTOR DATA

- HP: 60
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: S6S-240-14
- Setting: 66.146m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 35.00
- Gallons per minute (GPM): 555

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 250cu.m.
- Storage Elevation: 21.25m
- System of Operation: Fill and Draw/Direct Pumping

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Danfoss"

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 10.85

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 132
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment: Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
40 setting rates 24 hrs a day
(7.56 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



Pump Station 9
Brgy. Daang Amaya I

PUMPING STATION NO. 10

- Location: A.Soriano Highway Brgy. Amaya II, Tanza, Cavite
- Latitude: 14°23'34.4"
- Longitude: 120°51'20.0"
- Elevation: 11 meters (36.09ft)
- Year Constructed/acquired: 2018
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Amaya I-VII

WELL DATA

- Casing Diameter: 10"
- Depth: 150m
- SWL: 10.14m
- PWL: 36.18m
- Total Dynamic Head (TDH): 74m

MOTOR DATA

- HP: 50
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: SP95-4
- Setting: 60.146m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 35.00
- Gallons per minute (GPM): 555

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Delta"
- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 10.85

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere (KVA): 132
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC
- Water Quality Monitoring for Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



PUMPING STATION NO. 11

- Location: Promise Land Subd., Brgy. Bucal
- Latitude: 14°23'24"
- Longitude: 120°51'36"
- Elevation: 17.68 meters (58.00ft)
- Year Constructed/acquired: 2015
- Mode of acquisition: Promise Land Turn-over
- Barangay Served: Promise Land Subd. & Bucal, Some portion of Santol

WELL DATA

- Casing Diameter: 6"
- Depth: 121.92m
- SWL: 7m
- PWL: 13m
- Total Dynamic Head (TDH): 46.02m

MOTOR DATA

- HP: 7.5
- Voltage: 220
- Amperage: 50

PUMP DATA

- Model: QF30-5
- Setting: 72m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 5.42
- Gallons per minute (GPM): 86

STORAGE DATA

- Storage Type: Elevated Water Steel Tank
- Storage Capacity: 56.775cu.m.
- Storage Elevation: 12.00m
- System of Operation: Fill and Draw/Direct Pumping

ELECTROMECHANICALS DATA

- Electromechanical Installed: Soft Starter Control Panel

- Riser Pipe Length: 6m
- Riser Pipe Diameter: 2"
- Riser Pipe Installed: 10.85

BACK UP POWER

- Backup power source: n/a
- Backup power Kilo Volt-Ampere (KVA): n/a
- Backup power switching: n/a

WATER QUALITY DATA

Treatment:

- Equipment:
- Electromechanical Metering Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide Powder
8% Minimum

Disinfection Equipment setting:

- 18.9 lph = 1 kg/100 ltrs of water
50 setting rates 24 hrs a day (9.45 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical Examination
- Monthly Microbiological Test/HPC Water Quality Monitoring for Residual/Area:
- Upper point
- Middle point
- End point
- Commercial
- Household
- School
- Blow off



PUMPING STATION NO. 12

- Location: Sta. Cecilia II
Subdivision, Brgy. Julugan VIII,
Tanza, Cavite
- Latitude: 14°23'39"
- Longitude: 120°50'38"
- Elevation: 7 meters (22.97ft)
- Year Constructed/acquired: 2018
- Mode of acquisition: TWD Gen.
Fund
- Barangay Served: Julugan, Biwas,
Daang Amaya II

WELL DATA

- Casing Diameter: 10"
- Depth: 150m
- SWL: 11.5m
- PWL: 28.16m
- Total Dynamic Head (TDH): 81

MOTOR DATA

- HP: 50
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: SP95-4
- Setting: 60.00m

WITHDRAWAL

CAPACITY

- Litres per second (LPS): 35
- Gallons per minute (GPM): 555

ELECTROMECHANICALS DATA

- Electromechanical Installed:
Variable Frequency Drive (VFD)
"Delta"
- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 10.85

BACK UP POWER

- Backup power source: Genset
- Backup power Kilo Volt-Ampere
(KVA): 132
- Backup power switching: MTS

WATER QUALITY DATA

Treatment:

- Equipment:
Electromechanical Metering
Pump/Dosing Pump/Chlorinator

Treatment/Disinfection:

- Stabilized Chlorine Dioxide
Powder
8% Minimum

Disinfection Equipment
setting:

- 18.9 lph = 1 kg/100 ltrs of water
50 setting rates 24 hrs a day
(9.45 lph)

Chlorine Monitoring:

- PNSDW – 0.30 ppm

Requirements for Water

Chlorine Monitoring:

- Semi-Annual Physical/Chemical
Examination
- Monthly Microbiological Test/HPC
Water Quality Monitoring for
Residual/Area:
 - Upper point
 - Middle point
 - End point
 - Commercial
 - Household
 - School
 - Blow off



**Pump Station 12
Brgy. Julugan VIII**

PUMPING STATION NO. 13

- Location: Golden Sunrise Subdivision, Brgy. Biga, Tanza, Cavite
- Latitude: 14°21'53"
- Longitude: 120°51'17"
- Elevation: 29 meters (95.14ft)
- Year Constructed/acquired: 2019
- Mode of acquisition: TWD Gen. Fund
- Barangay Served: Biga, Sanja Mayor, Mulawin, Punta I

WELL DATA

- Casing Diameter: 10"
- Depth: 150m
- SWL: 21.00m
- PWL: 25.34m
- Total Dynamic Head (TDH): 68

MOTOR DATA

- HP: 50
- Voltage: 440
- Amperage: 50

PUMP DATA

- Model: SP95-4
- Setting: 60.00m

WITHDRAWAL CAPACITY

- Litres per second (LPS): 35
- Gallons per minute (GPM): 555

ELECTROMECHANICALS DATA

- Electromechanical Installed: Variable Frequency Drive (VFD) "Fuji Frenic-ace"
- Riser Pipe Length: 6m
- Riser Pipe Diameter: 5"
- Riser Pipe Installed: 10.85

