



Government of the People's Republic of Bangladesh

Department of Public Health Engineering

14, Shaheed Captain Monsur Ali Sarani,

Kakrail, Dhaka-1000.

www.dphe.gov.bd



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Gournadi Pourashava Water Supply Information

General Information

| | | | |
|--------------------------|----------------|--------------------------|--------------------|
| Division | Barishal | Category | A |
| Circle | Barisal Circle | Pourashava Type | Upazila Pourashava |
| District | Barishal | Area (in sq. km.) | 17 |
| Construction Year | 1996 | No of Ward | 09 |

Population

| | |
|---------------------------------|--------|
| According to Census 2011 | 42,438 |
| According to Census 2022 | 55,000 |
| On Year 2022 | 55,000 |

Household

| | |
|---------------------------------|-------|
| According to Census 2011 | 8,125 |
| According to Census 2022 | 9,303 |
| On Year 2023 | 9358 |

Roads (in km.) : 74.382

| | |
|--------------------------|--------|
| Paved Road (km) | 48.138 |
| Herring Road (km) | 13.835 |
| RCC/CC Road (km) | 4.459 |
| Earthen Road (km) | 7.950 |

Core Area Information

| | |
|---------------------------------|-----------|
| Core Area (in sq. km.) | 9.445 |
| Core Ward Population | 35,000 |
| House Holds in Core Area | 6,517 |
| No of Wards in Core Area | 05 |
| Wards No in Core Area | 1,2,5,6,7 |

Water Supply Information

| | |
|---|--------------|
| Primary source of Water Supply | Ground Water |
| Present Water Demand (m³) | 106868 |
| Present Water Supply (m³) | 1526.69 |
| Water Supply Time (hr/day) | 5.30 |

❖ Production Tube Well Information

| | | |
|------------------|--------------------------|------------------------------|
| PTW (Nos) | Functioning (Nos) | Non-Functioning (Nos) |
| 4 | 4 | 0 |

❖ Details of Production Tube Well

| SI | Location | Construction Year | Dia of PTW(mm) | Discharge (m ³ /h) | Strainer Location(m) | Supply Time (hr/day) | Status (Functioning/ Non-Functioning/) | Project Name |
|----|--|-------------------|----------------|-------------------------------|----------------------|----------------------|---|--|
| 1 | PTW-01Torki Bandor, Gouranadi,Barishal | 2020 | 350*150 | 70 | 195-225 | 06 | Functioning | Water Supply and Environmental Sanitation Project at Thana Sadar and Growth Center Pourashava. |
| 2 | PTW-02 Ashokathi,Gouranadi,Barishal | 2022 | 350*150 | 111.99 | 189-216 | 5.50 | Functioning | Water Supply and Environmental Sanitation Project at Thana Sadar and Growth Center Pourashava. |
| 3 | PTW-03 Gouranadi Govt.College,Barishal | 2022 | 350*150 | 84 | 189-213 | 4.30 | Functioning | Water Supply and Environmental Sanitation Project at Thana Sadar and Growth Center Pourashava. |
| 4 | PTW-04 Gouranadi Upazila gate,Barihal | | 350*150 | 111.59 | 189-219 | 06 | Functioning | Water Supply and Environmental Sanitation Project at Thana Sadar and Growth Center Pourashava. |

❖ Water Quality of PTW (mg/L)

| SI | Location | Iron | Arsenic | Chloride | Manganese | Other | Test date |
|----|--|------|---------|----------|-----------|-------|------------|
| 1 | PTW-01Torki Bandor, Gouranadi,Barishal | 0.05 | 0.0024 | 347 | 0.132 | | 2022-12-03 |
| 2 | PTW-02 Ashokathi,Gouranadi,Barishal | 0.05 | | | | | 2022-09-07 |
| 3 | PTW-03 Gouranadi Govt.College,Barishal | 0.05 | | | | | 2022-02-07 |
| 4 | PTW-04 Gouranadi Upazila gate,Barihal | 0.05 | | | | | 2022-09-07 |

❖ Overhead Water Tank Information

❖ Water Treatment Plant Information