



Punjab Municipal Development Fund Company

Hiring of Consulting Services for Preparation of Integrated Development and Asset Management Plan (IDAMP) for 16 selected MCs In Punjab under Punjab Cities Program (PCP)

**IDAMP - Municipal Committee Bahawalnagar
May 2023**



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01 Introduction

Section 1. Introduction

1.1. Context

Punjab's urban metropolises are growing at an alarming rate thereby accelerating the demand at the municipal service levels. The gap between supply and demand in terms of quality of services at the municipal level rings a bell at the corridors of stakeholders both at government and local levels. Accordingly, the study seeks to identify viable business solutions for effective service deliveries. In particular, this report investigates the conditions of assets, both moveable and immovable, at the MC level to elucidate the foundation for the development of IDAMP.

Infrastructure plays a pivotal role in achievement of service delivery objectives of public sector entities. Without long term planning and optimal management of infrastructure, risk of failure to meet the service delivery program increases significantly. Thus, infrastructure management is a critical concern for the sustainability of public sector entities.

Keeping in view the importance of infrastructure, an IDAMP Framework has been developed which spells out the principles for effective development and management of asset portfolio in order to achieve service delivery objectives, prescribes a consistent approach and a common methodology for development and management of assets and provides guidelines to ensure informed decision making by Municipal Committees for investment in and management of those assets which help the achievement of the service delivery objectives.

1.2. Scope

This document has been prepared for Integrated Development and Asset Management Planning of Municipal Committee (MC) Bahawalnagar. Thus, this document is confined to the planning and management of assets of MC Bahawalnagar.

1.3. Brief Methodology for IDAMP Development

The methodology employed for the preparation of the Integrated Development and Asset Management Plan (IDAMP) involved several key steps, which are summarized as follows:

1. Development of Asset Inventory Database

The first step in the IDAMP methodology was to develop a comprehensive asset inventory by PMDFC. This included identifying different asset categories and collecting relevant attribute data. Further, data available at PMDFC and MCs was thoroughly reviewed to ensure accurate and synchronized documentation. This involved cross-referencing and aligning the available data with the requirements of the project. This served as a fundamental basis for integrated asset management.

2. Asset Condition Analysis

It was imperative to have a clear picture of the physical condition of assets and current level of service. Decisions regarding maintenance, rehabilitation and renewal revolved around these two aspects. Asset physical condition analysis was used to determine the need and timing of some preventative or corrective maintenance to ensure desired Level of Service and prevent service breakdown. Below is given the different categories of condition together with reasons/actions for the applicable condition:

| Category | Asset Condition | Actions Required |
|----------|-----------------|---------------------|
| A | Excellent | Routine Maintenance |
| B | Good | Minor Repair |
| C | Fair | Major Repair |
| D | Poor | Rehabilitation |
| E | Failing | Replacement |

3. Current and Target Level of Services (LOS)

To ensure optimal service delivery, an analysis of asset divergence was conducted to assess the alignment between the existing asset inventory and the desired level of service (LOS). This step involved identifying the current level of services, setting target LOS, evaluating the service delivery gap, assessing asset condition assessment, and planning for necessary asset improvements accordingly.

Gap analysis reports and energy audit reports (where available) were reviewed to identify and define the existing infrastructure assets. These reports provided insights into the gaps and deficiencies in the current infrastructure and helped in formulating appropriate strategies for improvement. Further, sectoral plans for infrastructure investments were carefully reviewed to ensure synchronization with the target level of service.

Additionally, community consultative sessions were conducted to gather valuable insights into the needs and desires of the local community. Furthermore, it was made a priority to consult with the management and staff of the respective MCs during our field visits. Please refer **Annexure F** for details.

4. Identification of Projects

Once the inventory and performance targets were updated, project proposals were developed to bridge the service delivery gap. Project were identified based on asset types, for rehabilitation/replacement of existing assets or the creation of new assets. The project proposals encompassed project identification, preparation, and appraisal, ensuring that steps were taken to achieve the target LOS.

Preliminary estimates for capital expenditure and Operating and Maintenance (O&M) costs of identified projects were made. Considering the project scope, capital cost of the projects incorporated both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period. O&M cost to be incurred during operational phases of the project, which included preventive maintenance cost, electricity and other utility cost, administrative expenses, payroll cost and other overheads etc.

Following matrix is used for the computation of O&M costs:

| Sr. | Sectors/ Projects | Annual O&M Cost (%age of Capital Cost) |
|-----|---------------------------------|---|
| 1 | Water Supply | 5% |
| 2 | Filtration Plants/OHR | 10% |
| 3 | GST (Ground Storage Tank) | 2.50% |
| 4 | Sewerage Network | 2.50% |
| 5 | Roads | 5% |
| 6 | Street Lights | 2.50% |
| 7 | Parks, Playgrounds, Open Spaces | 2.50% |
| 8 | Buildings | 0.5% |

| Sr. | Sectors/ Projects | Annual O&M Cost (%age of Capital Cost) |
|-----|-----------------------|---|
| 9 | Bus stand | 2.50% |
| 10 | Slaughterhouse | 2.50% |
| 11 | Storm water drainage; | 1% |
| 12 | Municipal libraries; | 0.5% |
| 13 | Solarization | 0.5% |

5. Financial Capacity Analysis

Analyzing potential financial sources was a crucial step to finance capital investments. This involved examining local capital revenues, planned operating surplus, provincial government transfers, and donor grants as potential funding sources. This analysis provided insights into the available financial capacity to support selected projects, guiding decision-making regarding project selection and phasing.

6. Project Screening & Phasing

Projects were screened and phased over a three-year period based on specific criteria. Projects were evaluated against each of the following factors and assigned scores:

- Project purpose and service delivery improvement
- Public Response/Community and citizens feedback
- Environment and Social Impacts
- Socio-economic impacts analysis
- Ease of implementation

Relative scoring criteria was used for the phasing, wherein projects achieving the highest scores are prioritized in the first year, subject to the availability of finances. Similarly, the scores are reviewed to determine the phasing of projects in the second and third years. This approach ensures the prioritized implementation of projects based on their relative merits.

1.4. Technical Inputs, Assumptions and Limitations

- The initial information of existing assets was obtained from PMDFC and MC Bahawalnagar. The data was obtained from multiple sources including Asset Management Information System. Additionally, energy audit reports, shape files, and gap analysis reports were also used to supplement the initial information.
- Asset inventory forms were designed to compile the asset attribute and condition information in consultation with the PMDFC management. The baseline data used for carrying out the condition assessment of assets was sourced from various reports provided by the PMDFC and MC Bahawalnagar. It primarily consisted of information related to the existing assets, including their names, numbers, residual life, technical specifications and other attributes of assets.
- Site surveys were also conducted to verify the information and collect any missing information. The compiled information was then shared with the MC Bahawalnagar management for their verification and endorsement.
- Age was the primary factor considered for assessing the condition of the water and sewerage network.
- The determination of the current and target level of service has been formulated through a consultative process involving relevant MC staff, and the analysis of data obtained from energy audit reports and gap analysis reports. For the computation of current level of service, following sources were consulted:
 - Served and built-up areas for different sectors were calculated from the relevant sectors' maps;
 - Total population of MC was taken from the census report of Pakistan Bureau of Statistics (PBS) while applying population growth rates for the incremental period;
 - Daily water supplied to the distribution system was calculated on the basis of capacity of tubewell and average daily operational hours of tubewell;
 - Non revenue water was computed by considering actual revenue collected by MC and total connections in the served area;
 - Total number of pipe leakages of the water distribution network was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one pipe leakage;
 - Total number of sewerage blockages was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one sewerage blockage; and

- The total annual operating expenses for each sector were determined based on the expenditure report provided by the MC staff, which covered nine (9) months' worth of data. To obtain the annual operating expenses, an extrapolation method was used to estimate the remaining three (3) months' expenditures.
- Target level of services were determined considering the findings from condition assessment, findings of energy audit reports, findings from gap analysis reports, consultative sessions with MC management and community.
- PMDFC has actively engaged in community consultative sessions to gather valuable insights into the needs and desires of the local community. Furthermore, we have made it a priority to consult with the management and staff of the respective Municipal Committees (MCs) during our field visits. This collaborative approach has allowed us to gain valuable perspectives from those directly involved in the day-to-day operations of the MCs and the feedback and insights gathered from these consultative sessions, both with the community and MC stakeholders, have been carefully analyzed and incorporated into the IDAMPs of the respective MCs.
- Projects (repair/ rehabilitation/ new creation) were identified in consultation with the respective Asset Managers keeping in view the service delivery gaps.
- Rough cost estimates (Capital and Operational & Maintenance) was performed on the basis of Market Rating System (MRS) and Non MRS rates of items.
- Identified projects were evaluated on the basis of project screening and phasing criteria prescribed in the IDAMP Framework.
- The cost and book values of the MC assets have been provided by PMDFC staff.

02 Overview - Municipal Committee Bahawalnagar

Section 2. Overview - Municipal Committee Bahawalnagar

2.1. Introduction

The town of Bahawalnagar is the head quarter of the district. Old name of Bahawalnagar was Rajanwali/Ubbha. It was named Bahawalnagar in 1904 after Bahawal khan-V, the ruler of the Bahawalpur state comprising the present districts of Bahawalpur, Bahawalnagar and Rahim Yar khan.¹

2.2. Functions of Municipal Committee Bahawalnagar

Section 31(p) of the Local Government Act, 2022, the Municipal Committees to provide, manage, operate, maintain and improve municipal infrastructure and services, including:

- water supply and control and development of water sources
- sewage and sewage treatment and disposal
- storm water drainage
- sanitation and solid waste collection and disposal of solid wastes, treatment and disposal including landfill site and recycling plants
- roads and streets
- public transport and mass transit systems, construction of express ways, flyovers, bridges, roads, under passes, traffic planning, engineering and management including traffic signaling systems, signs on roads, street markings
- firefighting
- street lighting
- parks, playgrounds, open spaces
- parking stands
- graveyards

¹ <https://mcbahawalnagar.lgpunjab.org.pk/about-us/history/>

- arboriculture/ tree afforestation;
- parking places;
- transport stations, stops, stands and terminals;
- slaughterhouses;
- municipal libraries;
- community and cultural centers;
- land use planning;
- building control; and
- environmental protection

03 Existing Asset Inventory Analysis

Section 3. Existing Asset Inventory Analysis

Over the years, MC Bahawalnagar has accumulated a large inventory of assets through development schemes and direct procurements. However, a centralized record of assets had not been maintained due to absence of a proper asset management system. Furthermore, as the development work used to be carried out through 'schemes', the asset generated through schemes could not be identified and classified into appropriate asset categories.

3.1. Existing Assets Summary

The summary of existing assets of MC Bahawalnagar based on its' functions is presented below:

Table 1: Asset Summary

| Sr No. | Asset Category | Asset Sub-Category | Unit | Total |
|--------|---------------------|-------------------------------------|-------|--------|
| 1 | Water Supply System | Tube wells | No. | 61 |
| | | Water Supply Network | Meter | 172434 |
| | | OHR | No. | 8 |
| | | Filtration Plants | No. | 14 |
| | | GST | No. | 5 |
| | | Intermediate Pumping Station | No. | 5 |
| | | Movable Assets (Vehicles/Machinery) | No. | 1 |
| 2 | Sewerage System | Sewerage Network | Meter | 100893 |
| | | Disposal Stations | No. | 8 |
| | | Movable Assets (Vehicles/Machinery) | No. | 48 |
| 3 | SWM Resource | Dumping site | No. | 1 |
| | | Movable Assets (Vehicles/Machinery) | No. | 419 |
| 4 | Bus Stands | Bus Stand | No. | 1 |

| Sr No. | Asset Category | Asset Sub-Category | Unit | Total |
|--------|-----------------|-----------------------|------|-------|
| 5 | Buildings | Offices | No. | 1 |
| | | Library | No. | 1 |
| | | Residential Buildings | No. | 29 |
| | | Shops | No. | 348 |
| 6 | Public Places | Park | No. | 3 |
| | | Slaughter House | No. | 1 |
| 7 | Office Vehicles | Office Vehicles | No. | 5 |
| 8 | Street lights | Street lights | No. | 473 |
| 9 | Roads | Roads | Km | 24.08 |

The detail of assets is provided in Annexure A.

3.2. Condition of Existing Assets

The condition of assets of MC is presented below:

Table 2: Condition of Existing Assets

| Asset Category | Asset Sub-Category | Asset Condition | | | | | Unit | Total |
|---------------------|----------------------|-----------------|----------|----------|----------|-------------|-------|--------|
| | | Excellent (A) | Good (B) | Fair (C) | Poor (D) | Failing (E) | | |
| Water Supply System | Tube wells | - | 14 | 19 | 16 | 12 | No. | 61 |
| | Water Supply Network | 68974 | 60352 | - | - | 43108 | Meter | 172434 |
| | OHR | - | 1 | 1 | 2 | 4 | No. | 8 |
| | Filtration Plants | - | 6 | 5 | 3 | - | No. | 14 |

| Asset Category | Asset Sub-Category | Asset Condition | | | | | Unit | Total |
|-----------------|-------------------------------------|-----------------|----------|----------|----------|-------------|-------|--------|
| | | Excellent (A) | Good (B) | Fair (C) | Poor (D) | Failing (E) | | |
| | GST | - | 3 | 2 | - | - | No. | 5 |
| | Intermediate Pumping Station | - | - | 5 | - | - | No. | 5 |
| | Movable Assets (Vehicles/Machinery) | - | - | 1 | - | - | No. | 1 |
| Sewerage System | Sewerage Network | 18345 | 32102 | | 50446 | - | Meter | 100893 |
| | Disposal Stations | - | 3 | 4 | - | 1 | No. | 8 |
| | Movable Assets (Vehicles/Machinery) | - | 6 | 42 | - | - | No. | 48 |
| SWM Resource | Dumping site | - | 1 | | - | - | No. | 1 |
| | Movable Assets (Vehicles/Machinery) | 325 | 75 | 15 | 4 | - | No. | 419 |
| Bus Stands | Bus Stand | - | 1 | | - | - | No. | 1 |
| Buildings | Offices | - | - | 1 | - | - | No. | 1 |
| | Library | - | - | | - | 1 | No. | 1 |
| | Residential Buildings | - | - | 29 | - | - | No. | 29 |
| | Shops | - | 344 | 4 | - | - | No. | 348 |
| Public Places | Park | - | 1 | 2 | - | - | No. | 3 |
| | Slaughter House | - | - | - | 1 | - | No. | 1 |
| Office Vehicles | Office Vehicles | | - | 2 | 2 | 1 | No. | 5 |
| Street lights | Street lights | 254 | - | - | - | 219 | No. | 473 |
| Roads | Roads | | - | - | - | 24.08 | Km | 24.08 |

04 Level of Services (LOS)

Section 4. Level of Services (LOS)

Assets are planned and managed for the service delivery to the consumers. Therefore it is pertinent to assess the current service level and set out the desired service level over a certain period by keeping in view the community needs and demands. In order to measure the service levels, indicators are designed on which periodic assessments of the level of service are carried out.

A set of Level of Service (LOS) indicators has been prescribed for the MCs for achievement of the service delivery objectives. The MCs shall compute their existing LOS and set the target LOS for the next three years. Target LOS shall be used as key performance indicators to assess the performance of assets and monitor the extent of service delivery by the MCs.

The current and target level of service for MC Bahawalnagar are provided here under:

Table 3: Current & Target LOS

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|--|--|--|-------------|----------------------------|--------------|----------------|
| Water supply and control and development of water sources; | Water Supply Coverage % | Percentage of area, where water supply network is available in comparison to total built up area. | 70% | 70% | | |
| | Water Supply Coverage by private wells % | Percentage of area, where residents have own water sources. | 30% | 30% | | |
| | Water production GPCD | Total daily water supplied to the distribution system (ex-treatment plant and including purchased water, if any) expressed by population served per day. | 6 | 6 | | |
| | Non-revenue water % | Difference between total water produced (ex -treatment plant) and total water sold expressed as a percentage of total water produced. | 20% | 20% | | |
| | Pipe breaks (Leakages/Breaks /Km) | Total number of pipe leakages/breaks per year expressed per km of the water distribution network. | 0.14 | 0.14 | | |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|---------------------------------------|---|--|-------------|----------------------------|--|----------------|
| | Unit operational cost - water sold (production cost at consumer end) .(PKR) | Total annual operating expenses divided by the total annual volume of water sold | 0.04 | 0.034 | Solarization of Tube wells and Water Supply System | 2023-2024 |
| | Unit operational cost - water produced (gross production cost) .(PKR) | Total annual operating expenses divided by the total annual water produced. | 0.04 | 0.034 | Solarization of Tube wells and Water Supply System | 2023-2024 |
| | Water supply staff per 1000 water connections (Number) | Total number of water supply staff expressed as per thousand water connections. | 2.9 | 2.9 | | |
| | Salary cost as proportion of Operating costs | Total annual salary costs (including salaries, wages, pensions, other benefits, etc.) Expressed as a percentage of total annual operating costs. | 45% | 45% | | |
| | Power and Electricity Costs as proportion of Operating Costs | Total annual power/electricity costs of the utility expressed as a percentage of total annual operating costs. | 50% | 42.5% | Solarization of Tube wells and Water Supply System | 2023-2024 |
| | Unfit water samples % (not conforming with the requirements of NEQ) | Total number of unfit water samples (not conforming with the requirements of NEQ) expressed as a percentage of total samples taken | N/A | N/A | | |
| | Continuity of Service Hrs. / Day | Average hours of service per day for water supply. (Average operational hours of tube well per day) | 3 | 3 | | |
| | Water Supply Complaints % | Total number of water supply complaints per year expressed as a percentage of the total number of water supply connections. | NIL | NIL | | |
| | Operational cost coverage (Ratio) | Total annual operational revenues/Total annual operating cost. | 11% | 12.65% | Solarization of Tube wells and Water Supply System | 2023-2024 |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|---|--|---|-------------|----------------------------|---|----------------|
| Sewage and sewage treatment and disposal; | Sewerage Coverage % | Population with sewerage services (direct service connection) as a percentage of the total population. (Total served area as a percentage of the total built up area) | 63% | 63% | | |
| | Risk of crown failure | Whether there is an indication of crown failure? | Yes | No | Improvement of Existing Sewerage System and Disposal Stations for Bahawalnagar City | 2023-2026 |
| | Sewerage blockages (Blockages/KM) | Total number of blockages/ complaints per year expressed per km of sewers | 7 | 2 | | |
| | Sewerage staff per 1000 sewerage connections. (Number) | Total number of sewerage staff expressed as per thousand sewerage connections | 1.15 | 1.15 | | |
| | Wastewater Treatment - Primary (%) | Proportion of collected sewage that receives primary treatment only, i.e., involving settlement with the intention of removing solids, but not biological treatment. Both lagoon and mechanical treatment can be included, where appropriate. | NIL | NIL | | |
| | Wastewater Treatment - Secondary (%) | Proportion of collected sewage that receives at least secondary treatment, i.e., removing oxygen demand as well as solids, normally biological. Both lagoon and mechanical treatment can be included, where appropriate. | NIL | NIL | | |
| | Sewerage Complaints (%) | Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections. | 5% | Reduced complaints | Improvement of Existing Sewerage System and Disposal Stations for Bahawalnagar City | 2023-2026 |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|--|---|--|---------------------|----------------------------|--------------|----------------|
| Storm water drainage; | Storm water drainage coverage (%) | The percentage of MC area that the drainage system protects from flooding. | 63% | 63% | | |
| Sanitation and solid waste collection and disposal of solid wastes, treatment and disposal including landfill site and recycling plants; | Collection efficiency (%) | Total amount of solid waste collected expressed as a percentage of total solid waste produced. | 80% | 80% | | |
| | Disposal efficiency (%) | Total amount of solid waste disposed off expressed as a percentage of total solid waste collected. | 100% | 100% | | |
| | Door-to-door (%) | Percentage of area with door-to-door solid waste collection. | 0% | 0% | | |
| | Primary SWM Coverage each day in localities (%) | Percentage of area from which the sanitary staff sweeps & collects waste each day | 80% | 80% | | |
| | Primary SWM Coverage each day in Roads (%) | Primary SWM Coverage each day in Roads | 80% | 80% | | |
| | Open Collection Points (Number) | Open Collection Points | 113 | 113 | | |
| | Secondary collection machinery (Number) | Secondary collection machinery | 14 | 14 | | |
| | Adequacy of parking facilities for SWM vehicles | Adequacy of parking facilities for SWM vehicles | Yes | Yes | | |
| | Waste transported in covered vehicles | Waste transported in covered vehicles | No | No | | |
| | Sufficiency of existing dumping area (Landfill site). | Sufficiency of existing dumping area (Landfill site). | Yes | Yes | | |
| Mechanism for Final Disposal | Is there any mechanism for Final Disposal? | Yes (Landfill Site) | Yes (Landfill Site) | | | |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|---------------------------------------|---|--|-------------|----------------------------|---|----------------|
| Roads and streets; | Roads with condition "A" (Excellent) % | Total length of roads with condition "A" expressed as a percentage of total roads. | 0% | 0% | Improvement/Rehabilitation of Road TP-3 (Haroonabad road) | 2023-2024 |
| | Roads with condition "B" (Good) % | Total length of roads with condition "B" expressed as a percentage of total roads. | 0% | 75% | | |
| | Roads with condition "C" (Fair) % | Total length of roads with condition "C" expressed as a percentage of total roads. | 0% | 0% | | |
| | Roads with condition "D" (Poor) % | Total length of roads with condition "D" expressed as a percentage of total roads. | 0% | 0% | | |
| | Roads with condition "E" (Failing) % | Total length of roads with condition "F" expressed as a percentage of total roads. | 100% | 25% | | |
| | Beautification of chowks % | Number of chowks having monuments expressed as a percentage of total chowks | | | | |
| Streetlighting; | Streetlight coverage. (%) | Percentage of area/roads with streetlights. | 3.3% | 3.3% | | |
| | Working Streetlight % | Percentage of working streetlights as of total streetlights. | 54% | 100% | Replacement of Streetlights | 2025-2026 |
| Parks, Playgrounds, Open spaces; | Open spaces as percentage of total MC area. % | Open spaces as percentage of total MC area. % | 0% | 0% | | |
| | Playgrounds as percentage of total MC area. % | Playgrounds as percentage of total MC area. % | 0% | 0% | | |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|---------------------------------------|--|--|-------------|----------------------------|--|----------------|
| | Parks with condition "A" (Excellent) % | Parks with condition "A" expressed as a percentage of total parks. | 0% | 56% | Improvement and Rehabilitation of Parks in Bahawalnagar City | 2023-2025 |
| | Parks with condition "B" (Good) % | Parks with condition "B" expressed as a percentage of total parks. | 33% | 44% | | |
| | Parks with condition "C" (Fair) % | Parks with condition "C" expressed as a percentage of total parks. | 67% | 0% | | |
| | Parks with condition "D" (Poor) % | Parks with condition "D" expressed as a percentage of total parks. | 0% | 0% | | |
| | Parks with condition "E" (Failing) % | Parks with condition "E" expressed as a percentage of total parks. | 0% | 0% | | |
| | Parks as percentage of total MC area. % | Parks as percentage of total MC area. % | 0.2% | 0.2% | | |
| Graveyards; | Graveyards as percentage of total MC area. % | Graveyards as percentage of total MC area. % | 0% | 0% | | |
| | Graveyards with condition "A" (Excellent) % | Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards. | 0% | 0% | | |
| | Graveyards with condition "B" (Good) % | Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards. | 0% | 0% | | |
| | Graveyards with condition "C" (Fair) % | Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards. | 0% | 0% | | |
| | Graveyards with condition "D" (Poor) % | Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards. | 0% | 0% | | |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|--|--|---|-------------|----------------------------|--|----------------|
| | Graveyards with condition "E" (Failing) % | Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards. | 0% | 0% | | |
| Transport stations, stops, stands and terminals; | Ratio of bus stations to the total length of roads | Ratio of bus stations to the total length of roads | 1:90 | 1:90 | | |
| | Adequacy of facilities at bus stands | Adequacy of facilities at bus stands | No | Yes | Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City | 2025-2026 |
| Slaughterhouses; | Adequacy of slaughterhouses | Adequacy of slaughterhouses keeping in view the population of the MC | Yes | Yes | | |
| | Adequacy of facilities in slaughterhouses | Adequacy of facilities in slaughterhouses in terms of tools, disinfectants, refrigeration/ storage systems, drainage, and disposal facility, etc. | No | Yes | Rehabilitation of slaughterhouse | 2024-2025 |
| Municipal libraries; | Total number of Libraries per 100,000 persons | Total number of Libraries per 100,000 persons | 1 | 1 | | |
| | Adequacy of facilities in library | Adequacy of facilities in library in terms of books, computers, furniture, air-conditioning, lighting, drinking water etc. | No | No | | |
| Buildings | Buildings with condition "A" (Excellent) % | Total number of buildings with condition "A" expressed as a percentage of total number of buildings. | 0% | 0% | | |
| | Buildings with condition "B" (Good) % | Total number of buildings with condition "B" expressed as a percentage of total number of buildings. | 0% | 0% | | |

| Functions of MCs (municipal services) | Level of Service Indicators | Description | Current LOS | Target LOS for three years | Project Name | Timeframe (FY) |
|---------------------------------------|--|---|-------------|----------------------------|---|----------------|
| | Buildings with condition "C" (Fair) % | Total number of buildings with condition "C" expressed as a percentage of total number of buildings. | 100% | 100% | | |
| | Buildings with condition "D" (Poor) % | Total number of buildings with condition "D" expressed as a percentage of total number of buildings. | 0% | 0% | | |
| | Buildings with condition "E" (Failing) % | Total number of buildings with condition "E" expressed as a percentage of total number of buildings. | 0% | 0% | | |
| | Solar Penetration Index (SPI) % | The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization. | 0% | 100% | Solarization of the municipal buildings | 2023-2024 |

Notes:

- While achieving the target level of service, MC shall ensure conformance with applicable laws and regulations including but not limited to land use planning, building control, environmental and social considerations.
- Environmental and social considerations are provided in Annex D.
- Comprehensive list of LOS indicators is provided in IDAMP Framework, please refer to section 5, however, certain LOS indicators are not applicable to MC such as metered water connections, firefighting coverage etc.
- For certain service levels, the existing level of service is sustained during the term of IDAMP i.e. three years, despite the recognized need for enhancements. This circumstance arises due to various factors, including but not limited to funding constraints, the reluctance of asset owners to initiate required modifications and the lack of suitable land availability. Nevertheless, it is crucial to emphasize that the preparation and revision of the IDAMP is an ongoing process. As a result, the target level of service in these areas may be redefined in the future, facilitating the implementation of potential improvements.

- The calculation of daily water supplied to the distribution system has considered the capacity of tubewells, in combination with the average hours of service per day for water supply.
- In order to reduce the reduction in non-revenue water, certain initiatives are required such as capacity building for MC staff, the installation of water meters, tariff revisions, regulatory reforms, among other measures. It's important to note that the percentage of non-revenue water may not necessarily improve solely with an increase in water production.
- As regards to landfilling, developing regional landfill sites, rather than smaller units for each city, would be advisable.

05 IDAMP Projects

Section 5. IDAMP Projects

Based on the asset condition analysis and target level of services, the following projects have been identified in respect of various asset categories. Preliminary cost estimates for the project, encompassing both capital and operational & maintenance expenses, were calculated using the current Market Rating System (MRS) and Non-MRS rates for items. It's important to note that this estimation does not factor in inflation. Further, the coding scheme adopted to allot codes to the projects and the proposed projects' screening and phasing evaluation is given in Annexure B and C respectively.

Table 4: IDAMP Projects

| Sr. No. | Project ID | Project Name | Asset Category | Total Capital Cost | 2023-24 | | 2024-25 | | 2025-26 | | Project Screening (Score) |
|------------|----------------|---|-----------------|--------------------|---------|-----|---------|-------|---------|-------|---------------------------|
| | | | | | Capital | O&M | Capital | O&M | Capital | O&M | |
| (Millions) | | | | | | | | | | | |
| 1 | 03-12-02-01-01 | Improvement of Existing Sewerage System and Disposal Stations for Bahawalnagar City | Sewerage | 850.00 | 425.00 | - | 425.00 | 21.25 | - | 21.25 | 82 |
| 2 | 03-12-05-01-01 | Improvement and Rehabilitation of Parks in Bahawalnagar City | Parks | 150.00 | - | - | 150.00 | 3.75 | - | 3.75 | 72 |
| 3 | 03-12-04-03-01 | Replacement of Streetlights | Streetlights | 8.25 | - | - | - | - | 8.25 | 0.21 | 62 |
| 4 | 03-12-05-04-01 | Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City | Bus Stand | 54.45 | - | - | - | - | 54.45 | 1.36 | 62 |
| 5 | 03-12-05-06-01 | Rehabilitation of slaughter house | Slaughter House | 54.45 | - | - | 54.45 | 1.36 | - | 1.36 | 74 |

| Sr. No. | Project ID | Project Name | Asset Category | Total Capital Cost | 2023-24 | | 2024-25 | | 2025-26 | | Project Screening (Score) |
|---------|----------------|---|----------------|--------------------|------------|-------|---------|-------|---------|-------|---------------------------|
| | | | | | Capital | O&M | Capital | O&M | Capital | O&M | |
| | | | | | (Millions) | | | | | | |
| 6 | 03-12-01-01-01 | Improvement of Water Supply scheme | Water Supply | 60.50 | 60.50 | 3.03 | - | 3.03 | - | 3.03 | 77 |
| 7 | 03-12-01-06-01 | Construction of Underground Water Storage Tank | Water Supply | 550.00 | 137.50 | - | 275.00 | - | 137.50 | 13.75 | 77 |
| 8 | 03-12-06-01-01 | Solarization of the municipal buildings | Buildings | 50.00 | 50.00 | 0.25 | - | 0.25 | - | 0.25 | 80 |
| 9 | 03-12-02-01-02 | Solarization of Tube wells and Water Supply System | Water supply | 170.00 | 170.00 | 0.85 | - | 0.85 | - | 0.85 | 80 |
| 10 | 03-12-02-02-01 | Solarization of pumps and disposal stations | Sewerage | 148.99 | 148.99 | 0.74 | - | 0.74 | - | 0.74 | 80 |
| 11 | 03-12-04-01-01 | Improvement/Rehabilitation of Road TP-3 (Haroonabad road) | Roads | 232.56 | 232.56 | 11.63 | - | 11.63 | - | 11.63 | 80 |
| | | | | 2,329.20 | 1,224.55 | 16.50 | 904.45 | 42.86 | 200.20 | 58.18 | |

5.1. Detail of proposed projects:

The following section provides high-level particulars of the identified projects, serving as a point of reference for creating planning documents and PC forms²:

Table 5: Projects Detail

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|---|----------------|---|---|----------------------------|---|---|
| 1 | 03-12-02-01-01 | Improvement of Existing Sewerage System and Disposal Stations for Bahawalnagar City | Sewerage | The Project has the following objectives; 1. To implement prioritized, need based and most cost-effective municipal service infrastructure sub projects for the year 2032. 2. To improve the service delivery level for the entire growing population of the city. 3. Protecting drinking water sources from contamination by waterborne waste 4. Improvement of the environment of the city making it livable. 5. To improve the economic growth of the city. | Rehabilitation of Disposal Stations, Replacement of Outlived Sewer Pipes, Replacement of Crown Failure Pipelines, Replacement of under-sized pipelines | 850 | 21.25 | Bhawalnagar City |
| 2 | 03-12-05-01-01 | Improvement and Rehabilitation of Parks in Bahawalnagar City | Parks | The project has the following objectives 1. To reduce urban heat island effect. 2. To provide active and passive recreational opportunities 3. To contribute to the health and wellness of a community 4. To create valuable green space 5. To combat air pollution caused by vehicles and industries 6. Improvement in environments of the city | Both these parks require, -Boundary wall with iron grill ▶ Entrance gates ▶ Tuff tile pathways ▶ Jogging track ▶ Rainwater recharge well ▶ Playing area for children ▶ Grassing and flower | 150 | 3.75 | Amir Saan, Khalid Maqbool Park, Bahawalnagar City |

² <https://www.pc.gov.pk/web/downloads/pc>

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|-----------------------------|----------------|--|--|----------------------------|---|------------------|
| | | | | making them livable. 7. Improvement in local and province economy. 8. Improvement in the economic growth potential of the city. | beds ► Water supply & drainage system | | | |
| 3 | 03-12-04-03-01 | Replacement of Streetlights | Streetlights | Enhance public safety and security by providing adequate lighting. Improve visibility for motorists and pedestrians. Increase the overall quality of street lighting. Reduce energy consumption and operating costs. Promote energy efficiency and sustainability. Improve the aesthetics of the area. Enhance the functionality of the street lighting system. Improve reliability and reduce maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system. | Replacement of all non-functional streetlights by new LEDs and sodium luminaries | 8.25 | 0.21 | Bhawalnagar City |

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|--|----------------|--|--|----------------------------|---|------------------------|
| 4 | 03-12-05-04-01 | Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City | Bus Stand | <p>The Project has the following objectives;</p> <ol style="list-style-type: none"> 1. Provision of disciplined travelling facilities to the people. 2. Provision of waiting facilities for the travelers in the form of respectable sitting, ablution & prayer, drinking water, toilets, shopping and ticketing. 3. Provision of car parking facilities to the public, 4. Rickshaw stand facilities 5. Revenue generation from shops and parking lot 6. Improvement in the air pollution in city area due to parking and waiting by the buses 7. Reduction in the traffic congestion created by buses at various locations of the city 8. Effective protection of the buses against the solar radiation and Ultraviolet rays, rain, hail, wind, and dust. 9. Slowing down the deterioration of buses, therefore reducing the amount of maintenance. 10. Improvement in the economic growth potential of the city. | <ol style="list-style-type: none"> 1. Bus Stand Require the following components <ul style="list-style-type: none"> ▶ Waiting hall ▶ Ticketing booths ▶ Toilets ▶ Ablution place ▶ Prayer place ▶ Tuck shop ▶ Drinking water facilities ▶ Parking sheds for buses 2. Workshop 3. Bus departure sheds 4. Car parking lot 5. Rickshaw stand 6. Shops 7. Water supply and drainage/sewerage facilities 8. Boundary wall and gates 9. Illumination & electrification | 54.45 | 1.36 | GPO Road, Bahawalnagar |

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|-----------------------------------|-----------------|---|---|----------------------------|---|--|
| 5 | 03-12-05-06-01 | Rehabilitation of slaughter house | Slaughter House | <p>Ensure compliance with sanitation and hygiene standards.</p> <p>Improve the welfare and treatment of animals.</p> <p>Enhance public health and safety.</p> <p>Increase the efficiency of the slaughter process.</p> <p>Reduce operating costs and increase profitability.</p> <p>Upgrade facilities and equipment to meet modern standards.</p> <p>Minimize the impact on the environment.</p> <p>Ensure compliance with regulatory requirements.</p> <p>Improve working conditions for employees.</p> <p>Improve the overall performance of the slaughterhouse.</p> | <ul style="list-style-type: none"> ▶ Boundary wall and gate ▶ Doctor’s room ▶ Slaughtering hall ▶ Evisceration hall ▶ Meat cutting room ▶ Blood collection arrangements ▶ Water supply systems ▶ Skin storage room ▶ Waste water disposal system ▶ Solid waste collection and disposal system ▶ Health and Hygiene SOPs ▶ Separate Facility for Sick Animals ▶ Tools Disinfectant System | 54.45 | 1.36 | Mouza Amarsingh CTN Road, Bhawalnagar City |

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|------------|--|----------------|---|---|----------------------------|---|------------------|
| 6 | | Improvement of Water Supply scheme | Water Supply | 1) Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations. 2) Supply of adequate quantity of water in water shortage areas. 3) Improvement of service delivery level in the entire city. 4) Augmentation of the source capacity 5) Equal distribution of water in the entire system 6) Improvement of terminal pressure at remote ends of the distribution system 7) Reduction of water borne diseases. 8) Improvement in local and province economy. | <ul style="list-style-type: none"> ► Replacement of 11 pumpsets ► Installation of capacitors | 60.5 | 3.025 | Bhawalnagar City |
| 7 | | Construction of Underground Water Storage Tank | Water Supply | The main objectives are - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost - To encouraging personal hygiene anad household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city | Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonary Works Coation and Insulation Piping and Connection Concrete Works | 550 | 13.75 | Bhawalnagar City |
| 8 | | Solarization of the municipal buildings | Buildings | The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero | Solarization of the municipal buildings based on the site load and installation capacity assessment | 50 | 0.25 | Bhawalnagar City |

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|--|----------------|---|--|----------------------------|---|------------------|
| | | | | greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability. | | | | |
| 9 | 03-12-02-01-02 | Solarization of Tube wells and Water Supply System | Water supply | The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability. | Solarization of the tubewells based on the site load and installation capacity assessment. Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs. | 170 | 0.85 | Bhawalnagar City |
| 10 | 03-12-02-02-01 | Solarization of pumps and disposal stations | Sewerage | The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero | Solarization of the disposal station based on the site load and installation capacity assessment. Disposal station solarization project scope involves converting | 148.991 | .75 | Bahawalnagar |

| Sr. No. | Project ID | Project Name | Service Sector | Project Objectives | Project Scope | Capital Cost (PKR million) | Recurrent Annual O&M Cost (PKR million) | Project Location |
|---------|----------------|---|----------------|--|---|----------------------------|---|--|
| | | | | greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability. | conventional pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs. | | | |
| 11 | 03-12-04-01-01 | Improvement/Rehabilitation of Road TP-3 (Haroonabad road) | Roads | The Project has the following objectives; 1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city. | Geometric Improvement and Rehabilitation of Existing Pavement Structure, Pavement Marking, Improvement of drainage system | 232.56 | 11.628 | Bahawali Chowk to Haroonabad Bypass Chowk, Bahawalnagar City |

06 **Financial and Economic Analysis**

Section 6. Financial and Economic Analysis

In this chapter, financial and economic analysis has been carried out for the new project proposed under IDAMP to assess its economic and financial viability and determine its do-ability by reference to its financial resources required next three financial years.

1.1. Qualitative Assessment

The qualitative benefits of the proposed projects are as under:

- (i) **The benefits of municipal project - Engines of Growth:** Among other benefits, municipal projects generate employment opportunities and create a positive impact on the standard of living. Few projects proposed under IDAMP are mega projects which would create their own economy, boost manufacturing & trading, create need for commerce value chain.
- (ii) **Environmental Up-gradation:** Development of wastewater treatment plant would provide primary and secondary treatment, thereby have a positive bearing on environment. Further, all projects will especially focus environmental considerations during construction and operational phases. Further green areas, trees and plantations will provide not only refreshing view but will enhance the environmental conditions and help climate stabilization.
- (iii) **Employment Opportunities:** The Project is likely to create employment opportunities for over 1,000 people during construction and about 500 people at operational stage in addition to indirect employment generation.
- (iv) **Improvement in Service Delivery of Water Supply:** Replacement of water supply system would improve the water quality for the target population, thus will help to improve public health index.
- (v) **Rehabilitation of Parks - Creation of Social Hub in the Locality:** These projects will provide a recreational facility to the residents of the catchment area of respective parks thus improve the visitors count of the parks and create social harmony and extended connectivity in the people.
- (vi) **Saving in Fuel Consumption and Improved Connectivity -** Rehabilitation of roads infrastructure would not only improve the service delivery level of the municipal services but also result in few road accidents, potential savings in travelling and repair cost of the vehicles, reduction in annual maintenance charges of roads and parks. Moreover, better lit roads and streets would add to security of people travelling at night.

- (vii) **Generation of Business Opportunities:** Projects will open new corridors for small- and large-scale businesses right from the construction phase and onwards throughout the life of the Project.
- (viii) **Revenue Generation:** Local government is estimated to generate direct and indirect revenue from the projects.

1.2. Quantitative Assessment of the Project

Various basis has been used, primarily relying on the results of the financial model which has been developed to conduct the financial analysis that assesses the viability and sustainability of this Project. Free Cash Flows (FCF) of the Project have been used to determine the key financial indicators of the projects.

Using the free cash flow model, given below are the key financial indicators for project appraisal:

- (i) **Net Present Value (NPV)** of the projects is calculated which represents in present value terms the net benefit that accrues from the Project after meeting its capital cost requirements as well as the cost of operations and other expenditures.
- (ii) **Financial Internal rate of return (FIRR)** of the projects is calculated While representing an average return and its comparison with the required rate of return, which is taken as KIBOR rate
- (iii) **Payback period** of the Project is estimated duly incorporating construction and operational period over the useful life of asset.
- (iv) **Cost benefit analysis** of the projects is made to determine the ratio of cumulative benefits versus cumulative cost of each project over its useful life.

1.3. Annual Financial Projections

The annual financial projection of Municipal Committee Bahawalnagar is given below.

Table 6: Financial Projections

| Year | 2023-24 | | 2024-25 | | 2025-26 | |
|-----------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------|
| Category | Total Capital Rs. (Million) | Total O&M Rs. (Millions) | Total Capital Rs. (Million) | Total O&M Rs. (Millions) | Total Capital Rs. (Million) | Total O&M Rs. (Millions) |
| Sewerage | 573.99 | 0.74 | 425.00 | 21.99 | - | 21.99 |
| Parks | - | - | 150.00 | 3.75 | - | 3.75 |
| Streetlights | - | - | - | - | 8.25 | 0.21 |
| Bus Stand | - | - | - | - | 54.45 | 1.36 |
| Slaughter House | - | - | 54.45 | 1.36 | - | 1.36 |
| Buildings | 50.00 | 0.25 | - | 0.25 | - | 0.25 |
| Water Supply | 368.00 | 3.88 | 275.00 | 3.88 | 137.50 | 17.63 |
| Roads | 232.56 | 11.63 | - | 11.63 | - | 11.63 |
| Total | 1,224.55 | 16.50 | 904.45 | 42.86 | 200.20 | 58.18 |

Capital cost of the projects incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.

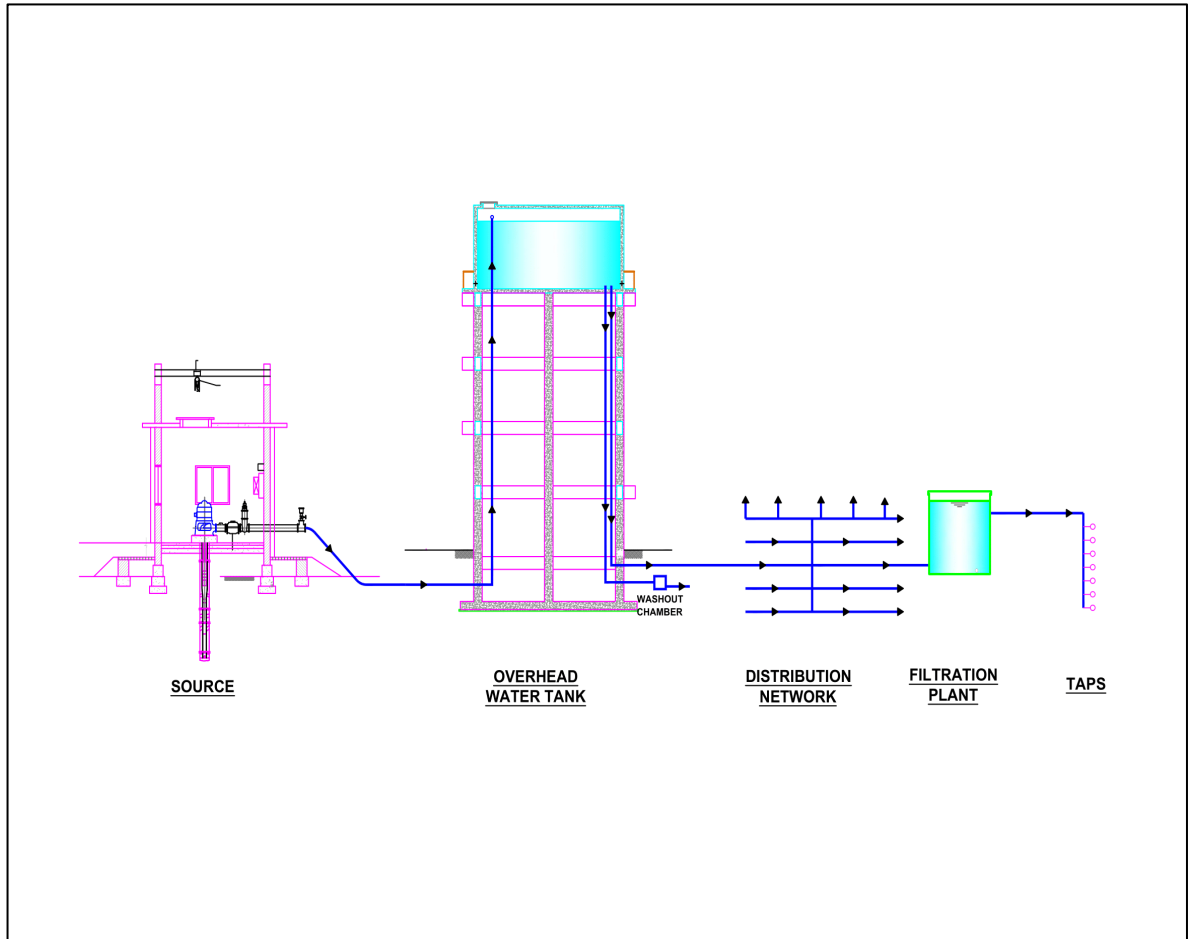
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

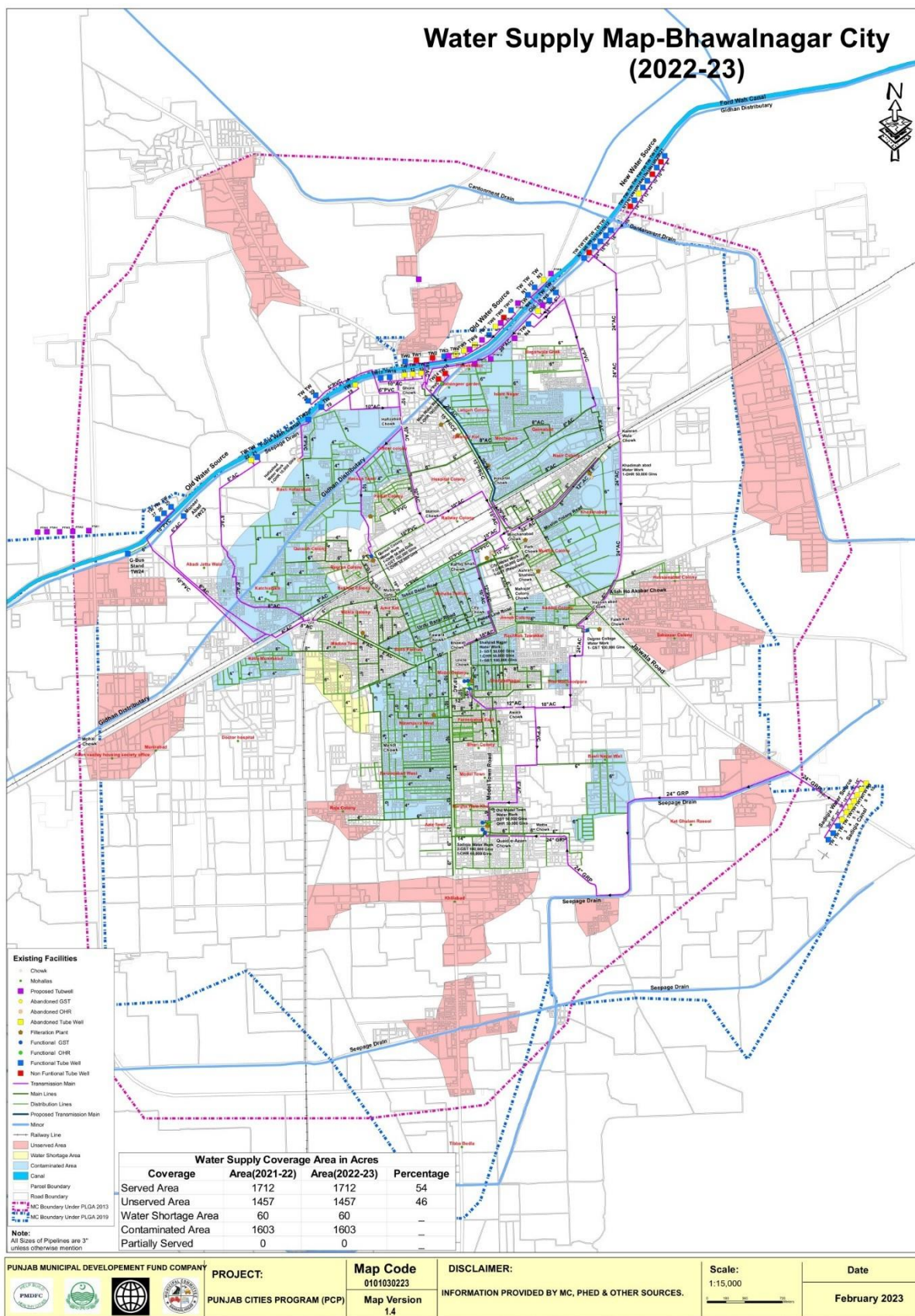
Annexure

Annexure A. Detail of Assets

1. Water Supply:

Key Components of a Water Supply System





A. Tube well

| Sr # | Name | Age (Years) | | Discharge Capacity (Cusecs) | Motor hp | Pump Make | Motor Make | Condition | Status | Book Value PKR Mil |
|------|-------------------|-----------------|------|-----------------------------|--------------|-----------|------------|-----------|----------------|--------------------|
| | | Civil Structure | Pump | | | | | | | |
| 1 | Ford Wah Old # 0 | 43 | 3 | 0.5 | 20 | KSB | Siemens | Good | Functional | 3.2 |
| 2 | Ford Wah Old # 1 | 39 | 39 | 0.5 | 20 | Peco | Siemens | Poor | Functional | 0.2 |
| 3 | Ford Wah Old # 2 | 39 | 39 | 0.5 | 20 | Peco | Siemens | Poor | Functional | 0.2 |
| 4 | Ford Wah Old # 3 | Abandoned | | | | | | | | 0 |
| 5 | Ford Wah Old # 4 | Abandoned | | | | | | | | 0 |
| 6 | Ford Wah Old # 5 | Abandoned | | | | | | | | 0 |
| 7 | Ford Wah Old # 6 | Abandoned | | | | | | | | 0 |
| 8 | Ford Wah Old # 7 | 33 | 33 | 0.5 | 20 | Peco | Peco | Poor | Functional | 0.2 |
| 9 | Ford Wah Old # 8 | Abandoned | | | | | | | | 0 |
| 10 | Ford Wah Old # 9 | 33 | 33 | 0.5 | NoMotor | | | | Non-Functional | 0.05 |
| 11 | Ford Wah Old # 10 | 39 | 39 | 0.5 | 20 | Peco | Siemens | Poor | Functional | 0.2 |
| 12 | Ford Wah New # 1 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Fair | Functional | 0.2 |
| 13 | Ford Wah New # 2 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.2 |
| 14 | Ford Wah New # 3 | Abandoned | | | | | | | | 0 |
| 15 | Ford Wah New # 21 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 16 | Ford Wah New # 20 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 17 | Ford Wah New # 19 | 18 | 18 | 0.5 | No Motor | | | Poor | Non-Functional | 0.2 |
| 18 | Ford Wah New # 18 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 19 | Ford Wah New # 17 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.3 |
| 20 | Ford Wah New # 16 | 18 | 18 | 0.5 | Motor Repair | | | Good | Non-Functional | 0.2 |



| Sr # | Name | Age (Years) | | Discharge Capacity (Cusecs) | Motor hp | Pump Make | Motor Make | Condition | Status | Book Value PKR Mil |
|------|---------------------|-----------------|------|-----------------------------|------------------------|-----------|------------|-----------|----------------|--------------------|
| | | Civil Structure | Pump | | | | | | | |
| 21 | Ford Wah New # 15 | Abandoned | | | | | | | | 0 |
| 22 | Ford Wah New # 14 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.2 |
| 23 | Ford Wah New # 13 | 18 | 18 | 0.5 | No Motor | | | Poor | Non-Functional | 0.2 |
| 24 | Ford Wah New # 12 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.2 |
| 25 | Ford Wah New # 11 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Fair | Functional | 0.2 |
| 26 | Ford Wah New # 10 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Fair | Functional | 0.2 |
| 27 | Ford Wah New # 9 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Fair | Functional | 0.2 |
| 28 | Ford Wah New # 8 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 29 | Ford Wah New # 7 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.2 |
| 30 | Ford Wah New # 6 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 31 | Ford Wah New # 5 | 18 | 18 | 0.5 | No Motor | | | Fair | Non-Functional | 0.2 |
| 32 | Ford Wah New # 4 | 18 | 18 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.2 |
| 33 | Ford Wah Old # 15 | 39 | 39 | 0.5 | No Motor & Transformer | | | Poor | Non-Functional | 0.2 |
| 34 | Ford Wah Old # 14 | 39 | 39 | 0.5 | No Motor & Transformer | | | Poor | Non-Functional | 0.2 |
| 35 | Ford Wah Old # 13 | Abandoned | | | | | | | | 0 |
| 36 | Ford Wah Old # 12 | Abandoned | | | | | | | | 0 |
| 37 | Ford Wah Old # 11 | Abandoned | | | | | | | | 0 |
| 38 | Sadiqabad Canal # 1 | Abandoned | | | | | | | | 0 |
| 39 | Sadiqabad Canal # 2 | 13 | 13 | 0.5 | 25 | Flow Pak | Siemens | Fair | Functional | 0.3 |
| 40 | Sadiqabad Canal # 3 | 13 | 13 | 0.5 | 25 | Flow Pak | Siemens | Fair | Functional | 0.3 |
| 41 | Sadiqabad Canal # 4 | 13 | 13 | 0.5 | 25 | Flow Pak | Siemens | Fair | Functional | 0.3 |

| Sr # | Name | Age (Years) | | Discharge Capacity (Cusecs) | Motor hp | Pump Make | Motor Make | Condition | Status | Book Value PKR Mil | |
|------|----------------------|-----------------|------|-----------------------------|--------------|-----------|------------|-----------|----------------|--------------------|---|
| | | Civil Structure | Pump | | | | | | | | |
| 42 | Sadiqabad Canal # 5 | 13 | 13 | 0.5 | 25 | Flow Pak | Siemens | Fair | Functional | 0.3 | |
| 43 | Sadiqabad Canal # 6 | 13 | 13 | 0.5 | No Motor | | | Poor | Non-Functional | 0.25 | |
| 44 | Sadiqabad Canal # 7 | 13 | 13 | 0.5 | No Motor | | | Poor | Non-Functional | 0.25 | |
| 45 | Sadiqabad Canal # 8 | 13 | 13 | 0.5 | No Motor | | | Poor | Non-Functional | 0.25 | |
| 46 | Sadiqabad Canal # 9 | 13 | 13 | 0.5 | No Motor | | | Poor | Non-Functional | 0.25 | |
| 47 | Sadiqabad Canal # 10 | 13 | 13 | 0.5 | No Motor | | | Poor | Non-Functional | 0.25 | |
| 48 | Ford Wah Old # 29 | 5 | 5 | 0.5 | No Motor | | | Poor | Non-Functional | 0.6 | |
| 49 | Ford Wah Old # 28 | 5 | 5 | 0.5 | 20 | Peco | Siemens | Good | Functional | 1.3 | |
| 50 | Ford Wah Old # 27 | 5 | 5 | 0.5 | 20 | Peco | Siemens | Good | Functional | 1.3 | |
| 51 | Ford Wah Old # 26 | 5 | 5 | 0.5 | 20 | Peco | Siemens | Good | Functional | 1.3 | |
| 52 | Ford Wah Old # 25 | 5 | 5 | 0.5 | 20 | Peco | Siemens | Good | Functional | 1.3 | |
| 53 | Ford Wah Old # 24 | 14 | 14 | 0.5 | 20 | KSB | Siemens | Good | Functional | 0.3 | |
| 54 | Ford Wah Old # 23 | 18 | 17 | 0.5 | 20 | Peco | Siemens | Fair | Functional | 0.2 | |
| 55 | Ford Wah Old # 22 | 23 | 21 | 0.5 | No Motor | | | Fair | Non-Functional | 0.15 | |
| 56 | Ford Wah Old # 21 | 23 | 2 | 0.5 | 20 | KSB | Siemens | Good | Functional | 3.4 | |
| 57 | Ford Wah Old # 20 | 23 | 19 | 0.5 | Motor Repair | | | Fair | Non-Functional | 0.1 | |
| 58 | Ford Wah Old # 19 | 23 | 21 | 0.5 | 20 | Peco | Peco | Fair | Functional | 0.2 | |
| 59 | Ford Wah Old # 18 | Abandoned | | | | | | | | | 0 |
| 60 | Ford Wah Old # 17 | 38 | 37 | 0.5 | 20 | KSB | Siemens | Poor | Functional | 0.2 | |
| 61 | Ford Wah Old # 16 | 18 | 16 | 0.5 | 20 | FBI | Siemens | Fair | Functional | 0.4 | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|--|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 0 | | |
| Location | Latitude | 30.017325 | | |
| | Longitude | 73.250290 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1980 (Bore), 2020 (Civil Structure Renovation) | | |
| Installation Year of Pump | | 2020 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 0 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 50 | | |
| Sanctioned Load (Kwh) | | 29.8 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |



GPS Map Camera
Bahawalnagar, Punjab, Pakistan
266X-2WR, Arifwala - Bahawalnagar Rd, Bahawalnagar,
Bahawalnagar, Punjab 62300, Pakistan
Lat 30.017325°
Long 73.250290°
02/05/23 11:45 AM GMT +05:00

GPS Map Camera
Bahawalnagar, Punjab, Pakistan
266X-2WR, Arifwala - Bahawalnagar Rd, Bahawalnagar,
Bahawalnagar, Punjab 62300, Pakistan
Lat 30.017325°
Long 73.250290°
02/05/23 11:45 AM GMT +05:00






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Power Wiring | Yes | No | | | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> 160 kVA Generator was available to Old #0, Old #01, and Old #02 | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah Old # 01 | | |
| Location | Latitude | 30.017511 | | |
| | Longitude | 73.250840 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1984 | | |
| Installation Year of Pump | | 1984 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 50 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 50 | | |
| Sanctioned Load (Kwh) | | 29.8 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> 160 kVA Generator was available to Old #0, Old #01, and Old #02 | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|---------------------------------------|-------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 02 | | |
| Location | Latitude | 30.017497 | | |
| | Longitude | 73.251541 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1984 | | |
| Installation Year of Pump | | 1984 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 29.8 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> 160 kVA Generator was available to Old #0, Old #01, and Old #02 | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 03 | | | |
| Location | Latitude | 30.017623 | | | |
| | Longitude | 73.252355 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 04 | | | |
| Location | Latitude | 30.017628 | | | |
| | Longitude | 73.252973 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 05 | | | |
| Location | Latitude | 30.017675 | | | |
| | Longitude | 73.253552 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 06 | | | |
| Location | Latitude | 30.017742 | | | |
| | Longitude | 73.254053 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah Old # 07 | | |
| Location | Latitude | 30.017819 | | |
| | Longitude | 73.254902 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1990 | | |
| Installation Year of Pump | | 1990 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 29.8 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | PECO | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 08 | | | |
| Location | Latitude | 30.018007 | | | |
| | Longitude | 73.255632 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |



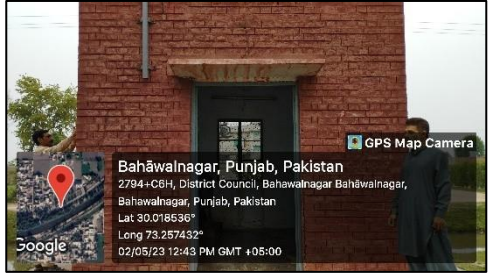

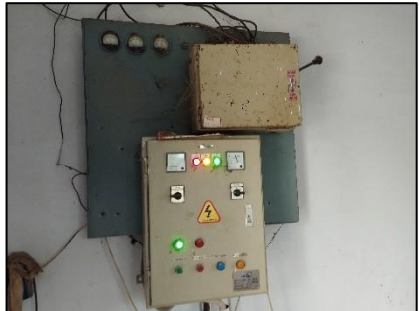

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah Old # 09 | | |
| Location | Latitude | 30.018438 | | |
| | Longitude | 73.257471 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1990 | | |
| Installation Year of Pump | | 1990 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 0 | | |
| | Non-Returning Valve | 0 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |







| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah Old # 10 | | |
| Location | Latitude | 30.018536 | | |
| | Longitude | 73.257432 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1984 | | |
| Installation Year of Pump | | 1984 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 0 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | PECO | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | | | No | |
| Earthing of MCU | Yes | | | No | |
| Energy Meter | Yes | | | No | |
| Water Meter | Yes | | | No | |
| PFI Equipment | Yes | | | No | |
| Generator | Yes | | | No | |
| Change Over | Yes | | | No | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah New # 01 | | |
| Location | Latitude | 30.019788 | | |
| | Longitude | 73.259738 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 02 | | |
| Location | Latitude | 30.020491 | | |
| | Longitude | 73.260508 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah New # 03 | | | |
| Location | Latitude | 30.021310 | | | |
| | Longitude | 73.261514 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |

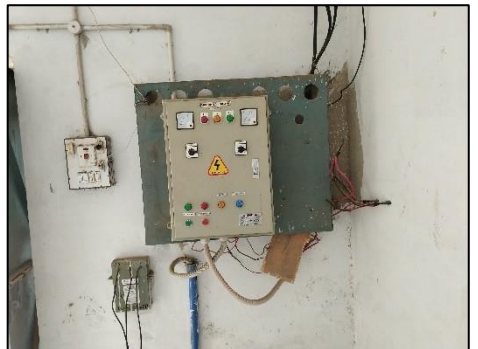



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah New # 21 | | | |
| Location | Latitude | 30.021300 | | | |
| | Longitude | 73.261497 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | | |
| Installation Year of Pump | | 2005 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | KSB | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 180 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |

















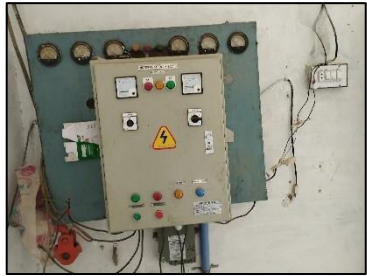


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 20 | | |
| Location | Latitude | 30.037744 | | |
| | Longitude | 73.279625 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah New # 19 | | |
| Location | Latitude | 30.037744 | | |
| | Longitude | 73.279625 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 18 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 17 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 16 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | Motor Repair | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit needing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah New # 15 | | | |
| Location | Latitude | 30.035465 | | | |
| | Longitude | 73.277241 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah New # 14 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |





Bahawalnagar, Punjab, Pakistan
 Unnamed Road, Bahawalnagar, Punjab, Pakistan
 Lat 30.035465°
 Long 73.277241°
 02/05/23 01:40 PM GMT +05:00














| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah New # 13 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |









| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Ford Wah New # 12 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |












| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 11 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |










Bahawalnagar, Punjab, Pakistan
 Unnamed Road, Bahawalnagar, Punjab, Pakistan
 Lat 30.035465°
 Long 73.277241°
 02/05/23 01:52 PM GMT +05:00






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 10 | | |
| Location | Latitude | 30.035465 | | |
| | Longitude | 73.277241 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 09 | | |
| Location | Latitude | 30.026722 | | |
| | Longitude | 73.269096 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 24 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 08 | | |
| Location | Latitude | 30.026022 | | |
| | Longitude | 73.268278 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 07 | | |
| Location | Latitude | 30.025071 | | |
| | Longitude | 73.266861 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah New # 06 | | | |
| Location | Latitude | 30.024316 | | | |
| | Longitude | 73.265964 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | | |
| Installation Year of Pump | | 2005 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | KSB | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | 1460 | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 180 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 05 | | |
| Location | Latitude | 30.020364 | | |
| | Longitude | 73.261173 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah New # 04 | | |
| Location | Latitude | 30.018253 | | |
| | Longitude | 73.258119 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2005 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 15 | | |
| Location | Latitude | 30.018229 | | |
| | Longitude | 73.258117 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1984 | | |
| Installation Year of Pump | | 1984 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor & Transformer | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 14 | | |
| Location | Latitude | 30.017338 | | |
| | Longitude | 73.255186 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1984 | | |
| Installation Year of Pump | | 1984 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 180 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor & Transformer | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 13 | | | |
| Location | Latitude | 30.017560 | | | |
| | Longitude | 73.253428 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 12 | | | |
| Location | Latitude | 30.017271 | | | |
| | Longitude | 73.253071 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 11 | | | |
| Location | Latitude | 30.016867 | | | |
| | Longitude | 73.250491 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |




| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|-------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 01 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Abandoned | | | |
| Installation Year of Tube Well | | | | | |
| Installation Year of Pump | | | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | | | | |
| Delivery Pipe | Dia | | | | |
| | Material | | | | |
| Chlorinator | | Yes | No | | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | | | | |
| Pump Make | | | | | |
| Discharge Capacity (Cusec) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Housing Dia (inches) | | | | | |
| Bore Depth (ft.) | | | | | |
| Head (ft.) | | | | | |
| Impeller Installation Depth (ft.) | | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | No | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|--------------------------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Sadiqia Canal # 02 | | |
| Location | Latitude | 29.948697 | | |
| | Longitude | 73.398153 | | |
| Address | | Sadiqia Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | |
| Installation Year of Pump | | 2010 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | Flowpak | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 130 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 18.65 | | |
| Motor Power (HP) | | 25 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |








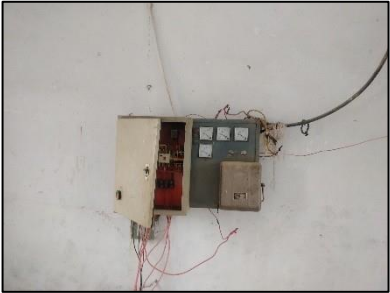



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|--------------------------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures |
| Name | | Sadiqia Canal # 03 | | |
| Location | Latitude | 29.948697 | | |
| | Longitude | 73.398153 | | |
| Address | | Sadiqia Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | |
| Installation Year of Pump | | 2010 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | Flowpak | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 130 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 18.65 | | |
| Motor Power (HP) | | 25 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|--------------------------------|--------------------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Sadiqia Canal # 04 | | |
| Location | Latitude | 29.948697 | | |
| | Longitude | 73.398153 | | |
| Address | | Sadiqia Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | |
| Installation Year of Pump | | 2010 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Month s | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | Flowpak | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 130 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 18.65 | | |
| Motor Power (HP) | | 25 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

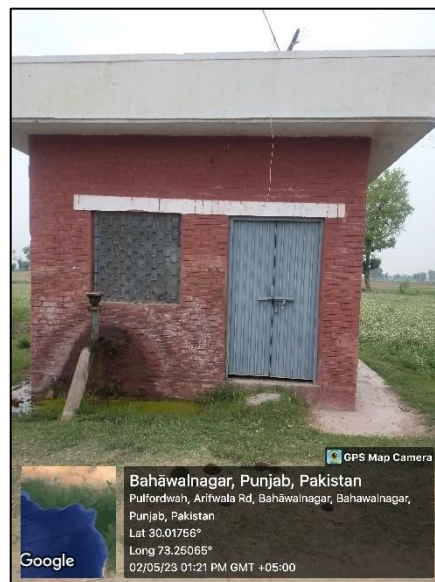
| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|--------------------------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Sadiqia Canal # 05 | | |
| Location | Latitude | 29.948697 | | |
| | Longitude | 73.398153 | | |
| Address | | Sadiqia Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | |
| Installation Year of Pump | | 2010 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | Flowpak | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 130 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 60 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 18.65 | | |
| Motor Power (HP) | | 25 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 06 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | | |
| Installation Year of Pump | | 2010 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | Flowpak | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | - | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 130 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 07 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | | |
| Installation Year of Pump | | 2010 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | Flowpak | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | - | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 130 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor & transformer | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|----------------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 08 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | | |
| Installation Year of Pump | | 2010 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 6 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | Flowpak | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | - | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 130 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor & Transformer | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |



GPS Map Camera
Bahawalnagar, Punjab, Pakistan
Pulfordwah, Aritwala Rd, Bahawalnagar, Bahawalnagar, Punjab, Pakistan
Lat 30.01756°
Long 73.25065°
02/05/23 01:32 PM GMT +05:00

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 09 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | | |
| Installation Year of Pump | | 2010 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | Flowpak | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | - | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 130 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor & Transformer | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Sadiqia Canal # 10 | | | |
| Location | Latitude | 29.948697 | | | |
| | Longitude | 73.398153 | | | |
| Address | | Sadiqia Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2010 | | | |
| Installation Year of Pump | | 2010 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | Flowpak | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | - | | | |
| Housing Dia (inches) | | 12 | | | |
| Bore Depth (ft.) | | 130 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 60 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | | | | |
| | Non-Returning Valve | | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor, MCU & Transformer | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit, MCU and Transformer undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Ford Wah Old # 29 | | | |
| Location | Latitude | 30.014698 | | | |
| | Longitude | 73.241552 | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | | |
| Area (Marla) | | 1 | | | |
| Working Status | | Functional | | Non-Functional | |
| Installation Year of Tube Well | | 2018 | | | |
| Installation Year of Pump | | 2018 | | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 0 | | | |
| Delivery Pipe | Dia | 4" | | | |
| | Material | MS | | | |
| Chlorinator | | Yes | | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule | |
| Apron Around Pump House | | Yes | | No | |
| Hoisting Girder | | Yes | | No | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| Pump Type | | Turbine | | | |
| Pump Make | | PECO | | | |
| Discharge Capacity (Cusec) | | 0.5 | | | |
| Rotational Speed (RPM) | | 1460 | | | |
| Housing Dia (inches) | | 10 | | | |
| Bore Depth (ft.) | | 160 | | | |
| Head (ft.) | | 200 | | | |
| Impeller Installation Depth (ft.) | | 72 | | | |
| Paint of Pumping Unit | | Good | Fair | Poor | |
| Number of Valves | Gate Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Base Plate | | Yes | | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | No Motor | | | |
| Sanctioned Load (Kwh) | | | | | |
| Motor Power (HP) | | | | | |
| Motor Make | | | | | |
| MCU | | Yes | | No | |
| Earthing of Motor | | Yes | | No | |
| Power Wiring | | Yes | | No | |

GPS Map Camera
Bahawalnagar, Punjab, Pakistan
268R+CM, Bahawalnagar, Bahawalnagar, Punjab, Pakistan
Lat 30.014698°
Long 73.241552°
02/05/23 03:36 PM GMT +05:00


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 28 | | |
| Location | Latitude | 30.013100 | | |
| | Longitude | 73.239459 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2018 | | |
| Installation Year of Pump | | 2018 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 4" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 10 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |








| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 27 | | |
| Location | Latitude | 30.013120 | | |
| | Longitude | 73.239420 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2018 | | |
| Installation Year of Pump | | 2018 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 4" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 10 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |






Bahawalnagar, Punjab, Pakistan
 Unnamed Road, Bahawalnagar, Punjab, Pakistan
 Lat 30.01312°
 Long 73.23942°
 02/05/23 03:53 PM GMT +05:00







| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 26 | | |
| Location | Latitude | 30.006654 | | |
| | Longitude | 73.228037 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2018 | | |
| Installation Year of Pump | | 2018 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 4" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 10 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |


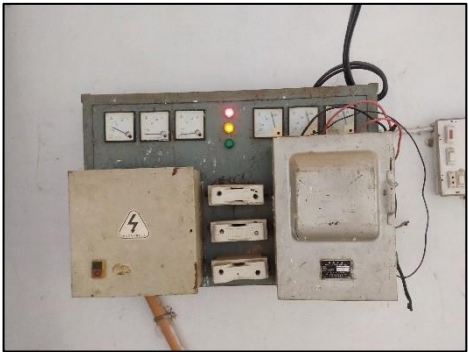

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 25 | | |
| Location | Latitude | 29.992972 | | |
| | Longitude | 73.231382 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2018 | | |
| Installation Year of Pump | | 2018 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 4" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 10 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

Bahawalnagar, Punjab, Pakistan
 X6R.U+V7, Bahawalnagar, Bahawalnagar, Punjab, Pakistan
 Lat 29.992972°
 Long 73.231382°
 02/05/23 04:02 PM GMT +05:00




| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 24 | | |
| Location | Latitude | 30.002185 | | |
| | Longitude | 73.221466 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2009 | | |
| Installation Year of Pump | | 2009 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

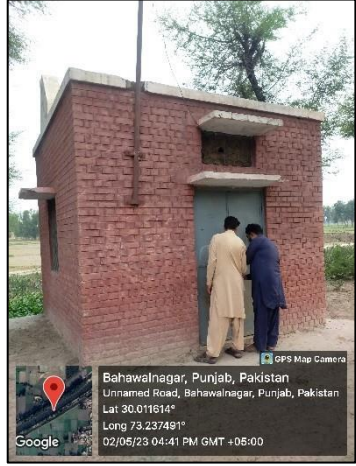


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 23 | | |
| Location | Latitude | 30.005258 | | |
| | Longitude | 73.227101 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2006 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 160 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 22 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |




| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 22 | | |
| Location | Latitude | 30.011614 | | |
| | Longitude | 73.237491 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2000 | | |
| Installation Year of Pump | | 2002 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor & Transformer | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 21 | | |
| Location | Latitude | 30.012245 | | |
| | Longitude | 73.238810 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2000 | | |
| Installation Year of Pump | | 2021 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 100 (Combined) | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |










| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 20 | | |
| Location | Latitude | 30.012724 | | |
| | Longitude | 73.239471 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2000 | | |
| Installation Year of Pump | | 2004 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 0 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | - | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | No Motor | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> The temporary non-functionality of the tube well, due to the motor unit undergoing repair | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 19 | | |
| Location | Latitude | 30.013862 | | |
| | Longitude | 73.241286 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2000 | | |
| Installation Year of Pump | | 2002 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | PECO | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 25 | | |
| Sanctioned Load (Kwh) | | 19 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | PECO | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |




| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 18 | | |
| Location | Latitude | | | |
| | Longitude | | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Abandoned | | |
| Installation Year of Tube Well | | | | |
| Installation Year of Pump | | | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | | | |
| Delivery Pipe | Dia | | | |
| | Material | | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | | | |
| Pump Make | | | | |
| Discharge Capacity (Cusec) | | | | |
| Rotational Speed (RPM) | | | | |
| Housing Dia (inches) | | | | |
| Bore Depth (ft.) | | | | |
| Head (ft.) | | | | |
| Impeller Installation Depth (ft.) | | | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | | | |
| | Non-Returning Valve | | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | | | |
| Sanctioned Load (Kwh) | | | | |
| Motor Power (HP) | | | | |
| Motor Make | | | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |
| Service Cable | | Yes | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> Whole Building was collapsed | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 17 | | |
| Location | Latitude | 30.016081 | | |
| | Longitude | 73.244785 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 1985 | | |
| Installation Year of Pump | | 1986 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | KSB | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 100 (Combined) | | |
| Sanctioned Load (Kwh) | | 14.92 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|---|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Ford Wah Old # 16 | | |
| Location | Latitude | 30.018042 | | |
| | Longitude | 73.245694 | | |
| Address | | Arifwala Road, Ford wah Canal, Bahawalnagar | | |
| Area (Marla) | | 1 | | |
| Working Status | | Functional | Non-Functional | |
| Installation Year of Tube Well | | 2005 | | |
| Installation Year of Pump | | 2007 | | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 6 | | |
| Delivery Pipe | Dia | 6" | | |
| | Material | MS | | |
| Chlorinator | | Yes | No | |
| Chlorination Schedule | | Once in a Year | After 6 Months | No Schedule |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| Pump Type | | Turbine | | |
| Pump Make | | FPI | | |
| Discharge Capacity (Cusec) | | 0.5 | | |
| Rotational Speed (RPM) | | 1460 | | |
| Housing Dia (inches) | | 12 | | |
| Bore Depth (ft.) | | 170 | | |
| Head (ft.) | | 200 | | |
| Impeller Installation Depth (ft.) | | 72 | | |
| Paint of Pumping Unit | | Good | Fair | Poor |
| Number of Valves | Gate Valve | 1 | | |
| | Non-Returning Valve | 1 | | |
| Base Plate | | Yes | No | |
| Electro-Mechanical Equipment Details | | | | |
| Transformer Capacity (kVA) | | 100 (Combined) | | |
| Sanctioned Load (Kwh) | | 29.8 | | |
| Motor Power (HP) | | 20 | | |
| Motor Make | | Siemens | | |
| MCU | | Yes | No | |
| Earthing of Motor | | Yes | No | |
| Power Wiring | | Yes | No | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Tube Well Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Service Cable | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Energy Meter | Yes | No | | | |
| Water Meter | Yes | No | | | |
| PFI Equipment | Yes | No | | | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

B. Filtration Plant



| Sr # | Name | Age (Years) | Type | Filtration Capacity (Liters/hour) | Condition | Status | Book Value (PKR Mil) |
|------|-----------------------|-------------|------|-----------------------------------|-----------|----------------|----------------------|
| 1 | City Filtration Plant | 15 | UV | 2,000 | Fair | Functional | 0.4 |
| 2 | Khadamabad | 15 | UV | 2,000 | Fair | Functional | 0.3 |
| 3 | Ghallamandi | 7 | UV | 2,000 | Good | Functional | 1.1 |
| 4 | Amir Jan Park | 13 | UV | 2,000 | Poor | Functional | 0.4 |
| 5 | Civil Club | 23 | UV | 2,000 | Fair | Functional | 0.2 |
| 6 | Faisal Colony | 7 | UV | 2,000 | Good | Functional | 1.1 |
| 7 | Al-Quresh Colony | 7 | UV | 2,000 | Good | Functional | 1.1 |
| 8 | Z.A Sayyed | 15 | UV | 2,000 | Fair | Functional | 0.4 |
| 9 | Nizam Pura | 7 | UV | 2,000 | Good | Functional | 1.1 |
| 10 | Model Town | 18 | UV | 2,000 | Poor | Functional | 0.2 |
| 11 | Shahzad Nagar | 18 | UV | 2,000 | Poor | Functional | 0.2 |
| 12 | Hussain Abad | 7 | UV | 2,000 | Fair | Non-Functional | 1.1 |
| 13 | Muslim Colony | 7 | UV | 2,000 | Good | Functional | 1.1 |
| 14 | Civil Court | 8 | UV | 2,000 | Good | Functional | 1 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|---|------------------|--|---------------------|---|---------------------------------------|------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | City Filtration Plant | | Pictures | | |
| Location | Latitude | 30.000756 | |  | | |
| | Longitude | 73.258584 | | | | |
| Address | | Satluj Park | | | | |
| Installation Year | | 2008 | | | | |
| Installing Agency | | PHED | | | | |
| O&M Agency | | MC | | | | |
| Filtration (Liter/Hour) | Capacity | 2000 | | | | |
| Operational Hours | | 12 | | | | |
| No. of Taps | | 8 | | | | |
| Effluent Test (If Available) | | Not Available | | | | |
| Latest water quality analysis carried out? | | - | | | | |
| If yes, which lab and parameters? | | - | | | | |
| Findings of water quality analysis? | | - | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | |
| Plant Type | | RO | UV |  | | |
| Source of Water | | Local Tube Well | Public Water Supply | | | |
| Working Status | | Functional | Non-Functional | | | |
| Pumping Unit | | Yes | No | | | |
| Control Panel | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | |
| Takeaway Hall Condition | | Good | Fair | | | Poor |
| Building Structure Condition | | Good | Fair | | | Poor |
| Approach to Pump House | | Good | Fair | | | Poor |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |


| | | |
|--|---------------------------------|--|
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Khadamabad | | | Pictures |
| Location | Latitude | 30.007037 | | |  |
| | Longitude | 73.266958 | | | |
| Address | | Khadamadam, Bahawalnagar | | | |
| Installation Year | | 2008 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 8 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | |
| Pumping Unit | | Yes | No | | |
| Control Panel | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |



| | | |
|--|---------------------------------|--|
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|---|------------------|--|---------------------|---|---------------------------------------|------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Ghalla Mandi | | Pictures | | |
| Location | Latitude | 30.002049 | |  | | |
| | Longitude | 73.261523 | | | | |
| Address | | Ghalla Mandi, Bahawalnagar | | | | |
| Installation Year | | 2016 | | | | |
| Installing Agency | | MC | | | | |
| O&M Agency | | MC | | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | | |
| Operational Hours | | 12 | | | | |
| No. of Taps | | 5 | | | | |
| Effluent Test (If Available) | | Not Available | | | | |
| Latest water quality analysis carried out? | | - | | | | |
| If yes, which lab and parameters? | | - | | | | |
| Findings of water quality analysis? | | - | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | |
| Plant Type | | RO | UV |  | | |
| Source of Water | | Local Tube Well | Public Water Supply | | | |
| Working Status | | Functional | Non-Functional | | | |
| Pumping Unit | | Yes | No | | | |
| Control Panel | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | |
| Takeaway Hall Condition | | Good | Fair | | | Poor |
| Building Structure Condition | | Good | Fair | | | Poor |
| Approach to Pump House | | Good | Fair | | | Poor |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |


| | | |
|--|---------------------------------|--|
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|----------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Name | | Aamir Jan Park | | | Pictures |
| Location | Latitude | 30.009056 | | |  |
| | Longitude | 73.258492 | | | |
| Address | | Aamir Jan Park, Bahawalnagar | | | |
| Installation Year | | 2010 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 9 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | | Non-Functional | |
| Pumping Unit | | Yes | | No | |
| Control Panel | | Yes | | No | |
| Service Cable | | Yes | | No | |
| Ultraviolet Lamp/Chlorinator | | Yes | | No | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |


| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|---|--|--------------------------|---------------------|--|---------|------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | Civil Club | | Pictures | | |
| Location | Latitude | 30.011866 | |  | | |
| | Longitude | 73.255879 | | | | |
| Address | | Civil Club, Bahawalnagar | | | | |
| Installation Year | | 2000 | | | | |
| Installing Agency | | PHED | | | | |
| O&M Agency | | MC | | | | |
| Filtration (Liter/Hour) | Capacity | 2000 | | | | |
| Operational Hours | | 12 | | | | |
| No. of Taps | | 8 | | | | |
| Effluent Test (If Available) | | Not Available | | | | |
| Latest water quality analysis carried out? | | - | | | | |
| If yes, which lab and parameters? | | - | | | | |
| Findings of water quality analysis? | | - | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | |
| Plant Type | | RO | UV |  | | |
| Source of Water | | Local Tube Well | Public Water Supply | | | |
| Working Status | | Functional | Non-Functional | | | |
| Pumping Unit | | Yes | No | | | |
| Control Panel | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | |
| Takeaway Hall Condition | | Good | Fair | | | Poor |
| Building Structure Condition | | Good | Fair | | | Poor |
| Approach to Pump House | | Good | Fair | | | Poor |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |




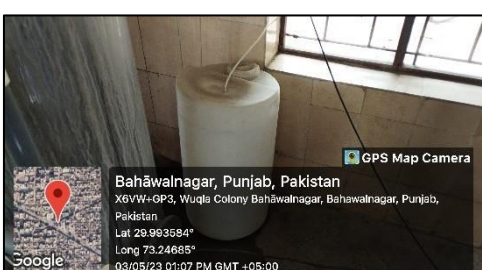
| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  Sign & Date: 30 May 2023 |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Faisal Colony | | | Pictures |
| Location | Latitude | 30.004620 | | |  |
| | Longitude | 73.245712 | | | |
| Address | | Faisal Colony, Bahawalnagar | | | |
| Installation Year | | 2016 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 6 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | |
| Pumping Unit | | Yes | No | | |
| Control Panel | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |



| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|----------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Name | | Al-Quresh Colony | | | Pictures |
| Location | Latitude | 30.000913 | | |  |
| | Longitude | 73.245282 | | | |
| Address | | Al-Quresh Colony, Bahawalnagar | | | |
| Installation Year | | 2016 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 5 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | | Non-Functional | |
| Pumping Unit | | Yes | | No | |
| Control Panel | | Yes | | No | |
| Service Cable | | Yes | | No | |
| Ultraviolet Lamp/Chlorinator | | Yes | | No | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |


| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  Sign & Date: 30 May 2023 |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Z.A Sayyed Filtration Plant | | | Pictures |
| Location | Latitude | 29.993544 | | |     |
| | Longitude | 73.246762 | | | |
| Address | | Z.A Sayyed Colony, Bahawalnagar | | | |
| Installation Year | | 2008 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 8 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | |
| Pumping Unit | | Yes | No | | |
| Control Panel | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |


| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | | |
|---|------------------|--|---|--|---------------------|--|--|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | | |
| Name | | Nizam Pura Filtration Plant | | Pictures | | | |
| Location | Latitude | 29.993602 | |  | | | |
| | Longitude | 73.246841 | | | | | |
| Address | | Nizam Pura, Bahawalnagar | | | | | |
| Installation Year | | 2016 | | | | | |
| Installing Agency | | MC | | | | | |
| O&M Agency | | MC | | | | | |
| Filtration Capacity (Liter/Hour) | 2000 | |  | | | | |
| Operational Hours | | 12 | | | | | |
| No. of Taps | | 6 | | | | | |
| Effluent Test (If Available) | | Not Available | | | | | |
| Latest water quality analysis carried out? | | - | | | | | |
| If yes, which lab and parameters? | | - | | | | | |
| Findings of water quality analysis? | | - | | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | | |
| Plant Type | | RO | | | UV | | |
| Source of Water | | Local Tube Well | | | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | | | |
| Pumping Unit | | Yes | No | | | | |
| Control Panel | | Yes | No | | | | |
| Service Cable | | Yes | No | | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | | |
| Takeaway Hall Condition | | Good | Fair | Poor | | | |
| Building Structure Condition | | Good | Fair | Poor | | | |
| Approach to Pump House | | Good | Fair | Poor | | | |
| Overall Rating | | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | | |
| Category | A | B | C | D | E | | |
| Remarks / Requirements | | | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | | | |



| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|---|------------------|--|---------------------|--|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Model Town | | Pictures | | |
| Location | Latitude | 29.977562 | |  | | |
| | Longitude | 73.257070 | | | | |
| Address | | Model Town, Bahawalnagar | | | | |
| Installation Year | | 2008 | | | | |
| Installing Agency | | MC | | | | |
| O&M Agency | | MC | | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | | |
| Operational Hours | | 12 | | | | |
| No. of Taps | | 8 | | | | |
| Effluent Test (If Available) | | Not Available | | | | |
| Latest water quality analysis carried out? | | - | | | | |
| If yes, which lab and parameters? | | - | | | | |
| Findings of water quality analysis? | | - | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | |
| Plant Type | | RO | UV | | | |
| Source of Water | | Local Tube Well | Public Water Supply | | | |
| Working Status | | Functional | Non-Functional | | | |
| Pumping Unit | | Yes | No | | | |
| Control Panel | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | |
| Takeaway Hall Condition | | Good | Fair | Poor | | |
| Building Structure Condition | | Good | Fair | Poor | | |
| Approach to Pump House | | Good | Fair | Poor | | |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |


| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Shahzad Nagar | | | Pictures |
| Location | Latitude | 29.989647 | | |  |
| | Longitude | 73.255897 | | | |
| Address | | Shahzad Nagar, Bahawalnagar | | | |
| Installation Year | | 2005 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 8 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | |
| Pumping Unit | | Yes | No | | |
| Control Panel | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |



| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | | |
|---|--|------------------------------|---|--|---------------------|--|--|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | | |
| Name | | Hussainabad | | Pictures | | | |
| Location | Latitude | 29.994335 | |  | | | |
| | Longitude | 73.269165 | | | | | |
| Address | | Hussainabad, Bahawalnagar | | | | | |
| Installation Year | | 2016 | | | | | |
| Installing Agency | | MC | | | | | |
| O&M Agency | | MC | | | | | |
| Filtration Capacity (Liter/Hour) | 2000 | |  | | | | |
| Operational Hours | | 12 | | | | | |
| No. of Taps | | 5 | | | | | |
| Effluent Test (If Available) | | Not Available | | | | | |
| Latest water quality analysis carried out? | | - | | | | | |
| If yes, which lab and parameters? | | - | | | | | |
| Findings of water quality analysis? | | - | | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | | |
| Plant Type | | RO | | | UV | | |
| Source of Water | | Local Tube Well | | | Public Water Supply | | |
| Working Status | | Functional | Non-Functional | | | | |
| Pumping Unit | | Yes | No | | | | |
| Control Panel | | Yes | No | | | | |
| Service Cable | | Yes | No | | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | | |
| Takeaway Hall Condition | | Good | Fair | Poor | | | |
| Building Structure Condition | | Good | Fair | Poor | | | |
| Approach to Pump House | | Good | Fair | Poor | | | |
| Overall Rating | | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | | |
| Category | A | B | C | D | E | | |
| Remarks / Requirements | | | | | | | |

| Integrated Development And Asset Management Plan (IDAMP) | | |
|---|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| <ul style="list-style-type: none"> Temporary Non-Functional. | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  Sign & Date: 30 May 2023 |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  Sign & Date: 30 May 2023 |

| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|------------------|--|---------------------|----------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Name | | Muslim Colony | | | Pictures |
| Location | Latitude | 29.999174 | | |  |
| | Longitude | 73.262661 | | | |
| Address | | Muslim Colony, Bahawalnagar | | | |
| Installation Year | | 2016 | | | |
| Installing Agency | | MC | | | |
| O&M Agency | | MC | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | |
| Operational Hours | | 12 | | | |
| No. of Taps | | 5 | | | |
| Effluent Test (If Available) | | Not Available | | | |
| Latest water quality analysis carried out? | | - | | | |
| If yes, which lab and parameters? | | - | | | |
| Findings of water quality analysis? | | - | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | |
| Plant Type | | RO | UV | | |
| Source of Water | | Local Tube Well | Public Water Supply | | |
| Working Status | | Functional | | Non-Functional | |
| Pumping Unit | | Yes | | No | |
| Control Panel | | Yes | | No | |
| Service Cable | | Yes | | No | |
| Ultraviolet Lamp/Chlorinator | | Yes | | No | |
| Takeaway Hall Condition | | Good | Fair | Poor | |
| Building Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |

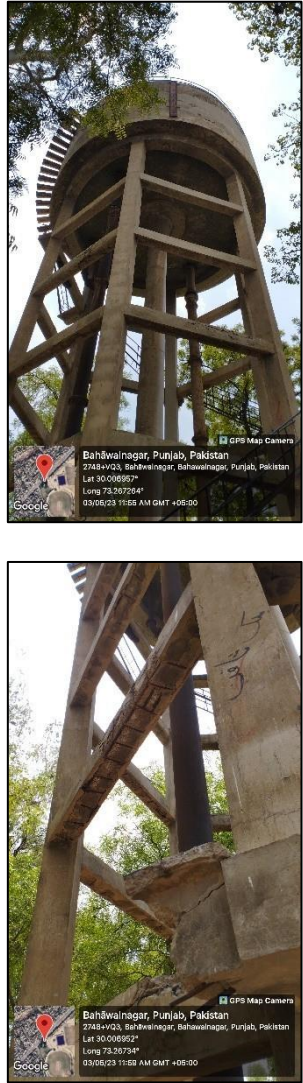

| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |


| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|---|------------------|--|---------------------|--|-------------------|------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A4 | | Water Filtration Plant Asset Condition Assessment | | | Asset Code: _____ | |
| | | | | | Date: 02-05-2023 | |
| Name | | Civil Court Filtration Plant | | Pictures | | |
| Location | Latitude | 30.012041 | |  | | |
| | Longitude | 73.254364 | | | | |
| Address | | Civil Court, Bahawalnagar | | | | |
| Installation Year | | 2015 | | | | |
| Installing Agency | | Session Court | | | | |
| O&M Agency | | MC | | | | |
| Filtration Capacity (Liter/Hour) | 2000 | | | | | |
| Operational Hours | | 12 | | | | |
| No. of Taps | | 6 | | | | |
| Effluent Test (If Available) | | Not Available | | | | |
| Latest water quality analysis carried out? | | - | | | | |
| If yes, which lab and parameters? | | - | | | | |
| Findings of water quality analysis? | | - | | | | |
| In case of any parameter above the permissible limit, which steps are taken to provide safe water? | | - | | | | |
| Plant Type | | RO | UV |  | | |
| Source of Water | | Local Tube Well | Public Water Supply | | | |
| Working Status | | Functional | Non-Functional | | | |
| Pumping Unit | | Yes | No | | | |
| Control Panel | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Ultraviolet Lamp/Chlorinator | | Yes | No | | | |
| Takeaway Hall Condition | | Good | Fair | | | Poor |
| Building Structure Condition | | Good | Fair | | | Poor |
| Approach to Pump House | | Good | Fair | | | Poor |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |


| Integrated Development And Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A4 | Water Filtration Plant Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



C. OHR


| Sr # | Name | Age (Years) | Capacity (Gallons) | Condition | Status | Book Value (PKR Mil) |
|------|----------------------|---------------|--------------------|-----------|----------------|----------------------|
| 1 | Kadamabad Tanki | 40 | 50,000 | Failing | Abandoned | 0 |
| 2 | Al-Quresh Colony New | 16 | 100,000 | Poor | Non-Functional | 1.8 |
| 3 | Al-Quresh Colony Old | 58 | 50,000 | Failing | Abandoned | 0 |
| 4 | Model Town New | 16 | 100,000 | Poor | Non-Functional | 1.8 |
| 5 | Model Town Old | 58 | 50,000 | Failing | Abandoned | 0 |
| 6 | Shehzad Nagar | 20 | 50,000 | Good | Functional | 0.9 |
| 7 | Main Water Works | 56 | 100,000 | Fair | Functional | 0 |
| 8 | City Tanki | Not Available | 50,000 | Failing | Abandoned | 0 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|------|------|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Khadamabad Tanki | | | Pictures |
| Location | Latitude | 30.006957 | | |  |
| | Longitude | 73.267264 | | | |
| Address | | Khadamabad, Bahawalnagar | | | |
| Year of Construction | | 1983 | | | |
| Capacity (UK Gallons) | | 50,000 | | | |
| Cleaning Frequency (Per Year) | | 1 | | | |
| Type of Structure | | Frame, RCC | | | |
| Structure Condition | | Good | Fair | Poor | |
| Tank Conditions | | Good | Fair | Poor | |
| Number of Valves | Sluice Valve | | | | |
| | Non-Returning Valve | | | | |
| Working Status | | Abandoned | | | |
| Rising Main | Dia | | | | |
| | Material | | | | |
| Delivery Main | Dia | | | | |
| | Material | | | | |
| Overflow & Scour Pipe | Dia | | | | |
| | Material | | | | |
| Sluice Valve | Rising Main | Yes | No | | |
| | Delivery Main | Yes | No | | |
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Disposal Arrangements | | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | | |  |


| | | |
|------------------------------|------------------------|---|
| | | Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |

| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|---|----------------------------|---|--------------------|------|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Name | | Al Quresh Colony New | | | Pictures |
| Location | Latitude | 30.001209 | | |  |
| | Longitude | 73.245360 | | | |
| Address | | Al Quresh Colony, Bahawalnagar | | | |
| Year of Construction | | 2007 | | | |
| Capacity (UK Gallons) | | 100,000 | | | |
| Cleaning Frequency (Per Year) | | 1 | | | |
| Type of Structure | | Frame, RCC | | | |
| Structure Condition | | Good | Fair | Poor | |
| Tank Conditions | | Good | Fair | Poor | |
| Number of Valves | Sluice Valve | 4 | | | |
| | Non-Returning Valve | 1 | | | |
| Working Status | | Functiona l | Non- Functional | | |
| Rising Main | Dia | 8" | | | |
| | Material | MS | | | |
| Delivery Main | Dia | 6" | | | |
| | Material | MS | | | |
| Overflow & Scour Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Sluice Valve | Rising Main | Yes | No | | |
| | Delivery Main | Yes | No | | |
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Disposal Arrangements | | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> Leakage | | | | | |



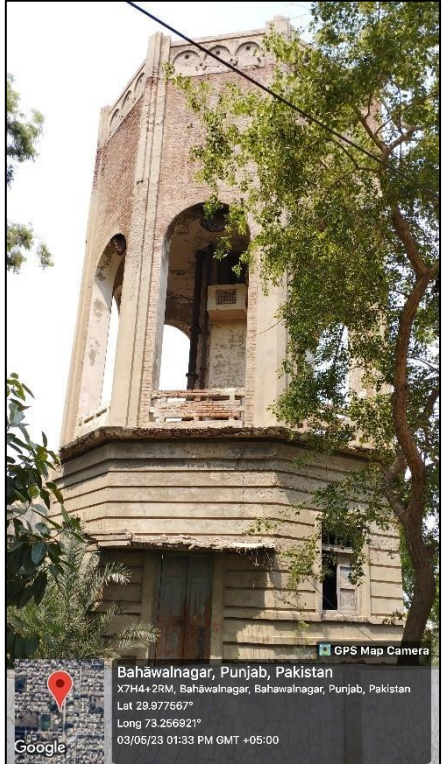
| | | |
|---|---|---|
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |
| Integrated Development And Asset Management Plan (IDAMP) | | |
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A2 | Over Head Reservoir Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Name | | Al Quresh Colony Old |
| Location | Latitude | 30.001204 |
| | Longitude | 73.245385 |
| Address | | Al Quresh Colony, Bahawalnagar |
| Year of Construction | | 1965 |
| Capacity (UK Gallons) | | |
| Cleaning Frequency (Per Year) | | |
| Type of Structure | | Brick Masonry |
| Structure Condition | | Good Fair Poor |
| Tank Conditions | | Good Fair Poor |
| Number of Valves | Sluice Valve | |
| | Non-Returning Valve | |
| Working Status | | Abandoned |
| Rising Main | Dia | |
| | Material | |
| Delivery Main | Dia | |
| | Material | |
| Overflow & Scour Pipe | Dia | |
| | Material | |
| Sluice Valve | Rising Main | Yes No |
| | Delivery Main | Yes No |
| | Scour Pipe | Yes No |
| | Overflow Pipe | Yes No |
| Stair Case | | Yes No |
| Apron Around OHR | | Yes No |
| Tank Top Railing | | Yes No |
| Top Indication Light | | Yes No |
| Lightening Arrester | | Yes No |
| Boundary Wall & Gate | | Yes No |
| Overflow Disposal Arrangements | | Yes No |
| Approach to OHR | | Good Fair Bad |
| Overall Rating | | |





| Average Score | 1 | 2 | 3 | 4 | 5 |
|---|----------------------------|---|-----------------------------|---|-----------------|
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |
| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | | Model Town New | | Pictures |
| Location | Latitude | | 29.977568 | | |
| | Longitude | | 73.256857 | | |
| Address | | | Model Town, Bahawalnagar | | |
| Year of Construction | | | 2007 | | |
| Capacity (UK Gallons) | | | 100,000 | | |
| Cleaning Frequency (Per Year) | | | 1 | | |
| Type of Structure | | | Frame, RCC | | |
| Structure Condition | | | Good | Fair | Poor |
| Tank Conditions | | | Good | Fair | Poor |
| Number of Valves | Sluice Valve | | 4 | | |
| | Non-Returning Valve | | 1 | | |
| Working Status | | | Functiona l | Non- Functional | |
| Rising Main | Dia | | 8" | | |
| | Material | | MS | | |
| Delivery Main | Dia | | 6" | | |
| | Material | | MS | | |
| Overflow & Scour Pipe | Dia | | 6" | | |
| | Material | | MS | | |
| Sluice Valve | Rising Main | | Yes | No | |
| | Delivery Main | | Yes | No | |
| | Scour Pipe | | Yes | No | |
| | Overflow Pipe | | Yes | No | |
| Stair Case | | | Yes | No | |
| Apron Around OHR | | | Yes | No | |
| Tank Top Railing | | | Yes | No | |
| Top Indication Light | | | Yes | No | |



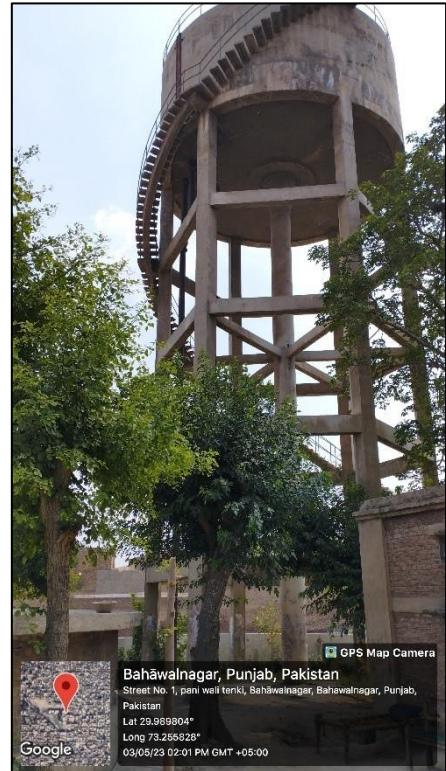
GPS Map Camera
 Bahawalnagar, Punjab, Pakistan
 X7H4s2RM, Bahawalnagar, Bahawalnagar, Punjab, Pakistan
 Lat 29.977568°
 Long 73.256857°
 03/05/23 01:32 PM GMT +05:00

| | | | | | | |
|---|---------------------|--|------|---|---------|------|
| Lightening Arrester | | Yes | No | | | |
| Boundary Wall & Gate | | Yes | No | | | |
| Overflow Disposal Arrangements | | Yes | No | | | |
| Approach to OHR | | Good | Fair | Bad | | |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| • Leakage | | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | | |
| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | Model Town Old | | Pictures | | |
| Location | Latitude | 29.977567 | |  | | |
| | Longitude | 73.256921 | | | | |
| Address | | Model Town, Bahawalnagar | | | | |
| Year of Construction | | 1965 | | | | |
| Capacity (UK Gallons) | | | | | | |
| Cleaning Frequency (Per Year) | | | | | | |
| Type of Structure | | Brick Masonry | | | | |
| Structure Condition | | Good | Fair | | | Poor |
| Tank Conditions | | Good | Fair | | | Poor |
| Number of Valves | Sluice Valve | | | | | |
| | Non-Returning Valve | | | | | |
| Working Status | | Abandoned | | | | |
| Rising Main | Dia | | | | | |
| | Material | | | | | |
| Delivery Main | Dia | | | | | |
| | Material | | | | | |
| Overflow & Scour Pipe | Dia | | | | | |
| | Material | | | | | |
| Sluice Valve | Rising Main | Yes | No | | | |
| | Delivery Main | Yes | No | | | |



| | | | | | |
|--|----------------------|--------------------------|------|---|---------|
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Arrangements | Disposal | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

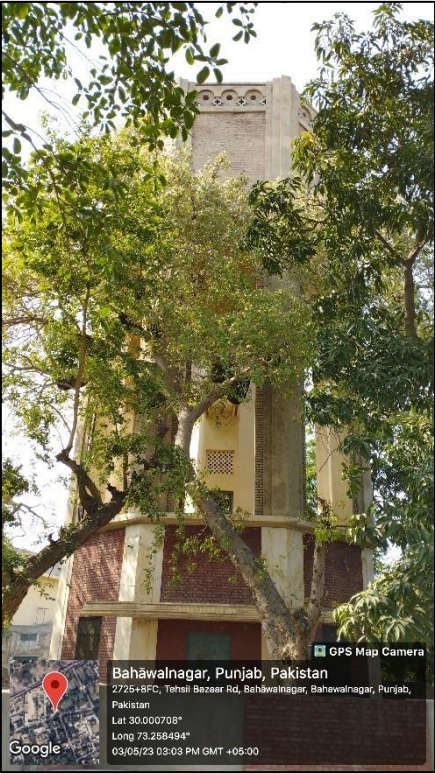

| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|--|----------------------------|---|--------------------|---------------------------------------|--|------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | Shehzad Nagar | | Pictures | | |
| Location | Latitude | 29.989804 | | | | |
| | Longitude | 73.255828 | | | | |
| Address | | Shehzad Nagar, Bahawalnagar | | | | |
| Year of Construction | | 2003 | | | | |
| Capacity (UK Gallons) | | 50,000 | | | | |
| Cleaning Frequency (Per Year) | | 1 | | | | |
| Type of Structure | | Frame, RCC | | | | |
| Structure Condition | | Good | Fair | | | Poor |
| Tank Conditions | | Good | Fair | | | Poor |
| Number of Valves | Sluice Valve | 4 | | | | |
| | Non-Returning Valve | 1 | | | | |
| Working Status | | Functiona l | Non- Functional | | | |
| Rising Main | Dia | 12" | | | | |


| | | | | | |
|--|----------------------|---------------------------------|------|--|---------|
| | Material | MS | | | |
| Delivery Main | Dia | 8" | | | |
| | Material | MS | | | |
| Overflow & Scour Pipe | Dia | 8" | | | |
| | Material | MS | | | |
| Sluice Valve | Rising Main | Yes | No | | |
| | Delivery Main | Yes | No | | |
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Disposal Arrangements | | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|----------------|------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Name | | Main Water Works Ford Wah | | | Pictures |
| Location | Latitude | 30.016052 | | | |
| | Longitude | 73.253856 | | | |
| Address | | Ford Wah Canal, Bahawalnagar | | | |
| Year of Construction | | 1967 | | | |
| Capacity (UK Gallons) | | 100,000 | | | |
| Cleaning Frequency (Per Year) | | 1 | | | |
| Type of Structure | | Frame, RCC | | | |
| Structure Condition | | Good | Fair | Poor | |
| Tank Conditions | | Good | Fair | Poor | |
| Number of Valves | Sluice Valve | 4 | | | |
| | Non-Returning Valve | 1 | | | |
| Working Status | | Functiona l | Non-Functional | | |
| Rising Main | Dia | 12" | | | |
| | Material | MS | | | |
| Delivery Main | Dia | 8" | | | |
| | Material | MS | | | |
| Overflow & Scour Pipe | Dia | 8" | | | |
| | Material | MS | | | |
| Sluice Valve | Rising Main | Yes | No | | |
| | Delivery Main | Yes | No | | |
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Disposal Arrangements | | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |



| | | |
|--|---------------------------------|--|
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |


| Integrated Development And Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|---|------|------|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A2 | | Over Head Reservoir Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | City Water Tanki | | | Pictures |
| Location | Latitude | 30.000708 | | |  |
| | Longitude | 73.258494 | | | |
| Address | | | | | |
| Year of Construction | | | | | |
| Capacity (UK Gallons) | | | | | |
| Cleaning Frequency (Per Year) | | | | | |
| Type of Structure | | Masonry | | | |
| Structure Condition | | Good | Fair | Poor | |
| Tank Conditions | | Good | Fair | Poor | |
| Number of Valves | Sluice Valve | | | | |
| | Non-Returning Valve | | | | |
| Working Status | | Abandoned | | | |
| Rising Main | Dia | | | | |
| | Material | | | | |
| Delivery Main | Dia | | | | |
| | Material | | | | |
| Overflow & Scour Pipe | Dia | | | | |
| | Material | | | | |
| Sluice Valve | Rising Main | Yes | No | | |
| | Delivery Main | Yes | No | | |
| | Scour Pipe | Yes | No | | |
| | Overflow Pipe | Yes | No | | |
| Stair Case | | Yes | No | | |
| Apron Around OHR | | Yes | No | | |
| Tank Top Railing | | Yes | No | | |
| Top Indication Light | | Yes | No | | |
| Lightening Arrester | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Overflow Disposal Arrangements | | Yes | No | | |
| Approach to OHR | | Good | Fair | Bad | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | | |  |




| | | |
|------------------------------|------------------------|---|
| | | Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |





D. GST




| Sr # | Name | Age (Years) | Capacity (Gallons) | Condition | Status | Book Value (PKR Mil) |
|------|------------------|-------------|--------------------|-----------|------------|----------------------|
| 1 | Al-Quresh colony | 16 | 100,000 | Good | Functional | 1.6 |
| 2 | Model Town | 23 | 100,000 | Fair | Functional | 1 |
| 3 | Model Town | 10 | 100,000 | Good | Functional | 2.1 |
| 4 | Shahzad Nagar | 16 | 100,000 | Good | Functional | 1.4 |
| 5 | Degree College | 16 | 100,000 | Fair | Functional | 1.5 |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|----------------------------|--|-----------------------------------|----------------|---|--|-----|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A3 | | Ground Storage Reservoir Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | | Al Quresh Colony | | Pictures | | |
| Location | Latitude | | 30.001306 | | | | |
| | Longitude | | 73.245575 | | | | |
| Address | | | Al Quresh Colony, Bahawalnagar | |  | | |
| Year of Construction | | | 2007 | | | | |
| Capacity (UK Gallons) | | | 100,000 | | | | |
| Cleaning Frequency (Per Year) | | | 1 | | | | |
| Type of Structure | | | Masonry | | | | |
| Structure Condition | | | Good | Fair | | | Bad |
| Number of Valves | Sluice Valve | | 4 | | | | |
| | Non-Returning Valve | | 1 | | | | |
| Working Status | | | Functional | Non-Functional | | | |
| Incoming Main | Dia | | 8" | | | | |
| | Material | | MS | | | | |
| Delivery Main | Dia | | 8" | | | | |
| | Material | | MS | | | | |
| Cover Slab Condition | | | Good | Fair | Poor | | |
| Approach Road Condition | | | Good | Fair | Poor | | |
| Boundary Wall & Gate | | | Yes | No | | | |
| Overall Rating | | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | | |
| Category | A | B | C | D | E | | |
| Remarks / Requirements | | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | | |
| Data Collected By: Mr. Abdullah | | | Designation: Team Member | |  | | |

| | | |
|------------------------------|------------------------|---|
| | | Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|--|----------------------------|--|----------------|---|---------|-----|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A3 | | Ground Storage Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | Model Town 1 | | Pictures | | |
| Location | Latitude | 29.977460 | |  | | |
| | Longitude | 73.256923 | | | | |
| Address | | Model Town, Bahawalnagar | | | | |
| Year of Construction | | 2000 | | | | |
| Capacity (UK Gallons) | | 100,000 | | | | |
| Cleaning Frequency (Per Year) | | 1 | | | | |
| Type of Structure | | Masonry | | | | |
| Structure Condition | | Good | Fair | | | Bad |
| Number of Valves | Sluice Valve | 4 | | | | |
| | Non-Returning Valve | 1 | | | | |
| Working Status | | Functional | Non-Functional | | | |
| Incoming Main | Dia | 8" | | | | |
| | Material | MS | | | | |
| Delivery Main | Dia | 8" | | | | |
| | Material | MS | | | | |
| Cover Slab Condition | | Good | Fair | Poor | | |
| Approach Road Condition | | Good | Fair | Poor | | |
| Boundary Wall & Gate | | Yes | | No | | |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|-------------------------------|--|----------------|---|---|------|---------|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A3 | | Ground Storage Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | | |
| Name | | Model Town 2 | | Pictures | | | |
| Location | Latitude | 29.977460 | |  | | | |
| | Longitude | 73.256923 | | | | | |
| Address | | Model Town, Bahawalnagar | | | | | |
| Year of Construction | | 2013 | | | | | |
| Capacity (UK Gallons) | | 100,000 | | | | | |
| Cleaning Frequency (Per Year) | | 1 | | | | | |
| Type of Structure | | Masonry | | | | | |
| Structure Condition | | Good | Fair | | | Bad | |
| Number of Valves | Sluice Valve+Air Valve | 4+1 | | | | | |
| | Non-Returning Valve | 1 | | | | | |
| Working Status | | Functional | Non-Functional | | | | |
| Incoming Main | Dia | 10" | |  | | | |
| | Material | MS | | | | | |
| Delivery Main | Dia | 8" | | | | | |
| | Material | MS | | | | | |
| Cover Slab Condition | | Good | Fair | | | Poor | |
| Approach Road Condition | | Good | Fair | | | Poor | |
| Boundary Wall & Gate | | Yes | No | | | | |
| Overall Rating | | | | | | | |
| Average Score | 1 | 2 | 3 | | | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | | | Poor | Failing |
| Category | A | B | C | D | E | | |
| Remarks / Requirements | | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | | | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | | | |




| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|--|----------------------------|--|----------------|------|---|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A3 | | Ground Storage Reservoir Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Shahzad Nagar | | | Pictures | |
| Location | Latitude | 29.989757 | | |  | |
| | Longitude | 73.255738 | | | | |
| Address | | Shahzad Nagar, Bahawalnagar | | | | |
| Year of Construction | | 2007 | | | | |
| Capacity (UK Gallons) | | 100,000 | | | | |
| Cleaning Frequency (Per Year) | | 1 | | | | |
| Type of Structure | | Masonry | | | | |
| Structure Condition | | Good | Fair | Bad | | |
| Number of Valves | Sluice Valve | 4 | | | | |
| | Non-Returning Valve | 1 | | | | |
| Working Status | | Functional | Non-Functional | | | |
| Incoming Main | Dia | 12" | | | | |
| | Material | MS | | | | |
| Delivery Main | Dia | 8" | | | | |
| | Material | MS | | | | |
| Cover Slab Condition | | Good | Fair | Poor | | |
| Approach Road Condition | | Good | Fair | Poor | | |
| Boundary Wall & Gate | | Yes | | No | | |
| Overall Rating | | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 | |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | |
| Category | A | B | C | D | E | |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|----------------------------|--|----------------|---|---------|------|---|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A3 | | Ground Storage Reservoir Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | | |
| Name | | Degree College | | Pictures | | | |
| Location | Latitude | 29.994161 | |  | | | |
| | Longitude | 73.267096 | | | | | |
| Address | | Degree College, Bahawalnagar | | | | | |
| Year of Construction | | 2007 | | | | | |
| Capacity (UK Gallons) | | 100,000 | | | | | |
| Cleaning Frequency (Per Year) | | 1 | | | | | |
| Type of Structure | | Masonry | | | | | |
| Structure Condition | | Good | Fair | | | Bad | |
| Number of Valves | Sluice Valve | 4 | | | | | |
| | Non-Returning Valve | 1 | | | | | |
| Working Status | | Functional | Non-Functional |  | | | |
| Incoming Main | Dia | 10" | | | | | |
| | Material | MS | | | | | |
| Delivery Main | Dia | 8" | | | | | |
| | Material | MS | | | | | |
| Cover Slab Condition | | Good | Fair | | | Poor | |
| Approach Road Condition | | Good | Fair | | | Poor | |
| Boundary Wall & Gate | | Yes | No | | | | |
| Overall Rating | | | | | | | |
| Average Score | 1 | 2 | 3 | | | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing | | |
| Category | A | B | C | D | E | | |
| Remarks / Requirements | | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | | | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | | | |

E. Intermediate Pumping Stations

| Sr. No. | Location | Total No. of pumps | Type | Capacity (cusecs) | Total capacity (cusecs) | Working hour per day | Age (Years) | Condition | Status |
|---------|------------------|--------------------|-------------|-------------------|-------------------------|----------------------|-------------|-----------|------------|
| 1 | Al Quresh Colony | 2 | Centrifugal | 3 | 6 | 3 | 23 | Fair | Functional |
| 2 | Model Town 01 | 2 | Centrifugal | 1.5 | 3 | 3 | 16 | Fair | Functional |
| 3 | Model Town 02 | 2 (1 Abandoned) | Centrifugal | 2 | 4 | 3 | 10 | Fair | Functional |
| 4 | Shahzad Nagar | 4 | Centrifugal | 3 | 12 | 3 | 40 | Fair | Functional |
| 5 | Degree College | 2 | Centrifugal | 1.5 | 3 | 3 | 16 | Fair | Functional |



| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|----------------------------|---|----------------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A1 | | Intermediate Pumping Station Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Al Quresh Colony | | |
| Location | Latitude | 30.001306 | | |
| | Longitude | 73.245575 | | |
| Address | | Al Quresh Colony, Bahawalnagar | | |
| Area (Marla) | | 2 | | |
| Working Status | | Functional | Non-Functional | |
| Construction Year of Water Works | | 2000 | | |
| Installation Year of Pump | | 2007 | 2007 | |
| Capital Cost of Machinery | | | | |
| Operational Hours | | 3 | 3 | |
| Delivery Pipe | Dia | 6" | 6" | |
| | Material | MS | MS | |
| Apron Around Pump House | | Yes | No | |
| Hoisting Girder | | Yes | No | |
| Civil Structure Condition | | Good | Fair | Poor |
| Approach to Pump House | | Good | Fair | Poor |
| Pump Details | | | | |
| | | Pump A | Pump B | |
| Pump Type | | Centrifugal | Centrifugal | |
| Pump Make | | MECO | MECO | |
| Discharge Capacity (Cusec) | | 2 | 2 | |
| Rotational Speed (RPM) | | 1470 | 1470 | |
| Head (ft.) | | 100 | 100 | |
| Paint of Pumping Unit | | Poor | Poor | |
| Number of Valves | Gate Valve | 2 | 2 | |
| | Non-Returning Valve | 2 | 2 | |




| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|--------------------------|---------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Base Plate | Yes | No | Yes | No | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | 100 | | | | |
| Sanctioned Load (Kwh) | 61 | | | | |
| Motor Power (HP) | 50 | | 50 | | |
| Motor Make | Siemens | | Siemens | | |
| MCU | Yes | | No | | |
| Earthing of Motor | Yes | | No | | |
| Power Wiring | Yes | | No | | |
| Service Cable | Yes | | No | | |
| Earthing of MCU | Yes | | No | | |
| Energy Meter | Yes | | No | | |
| Water Meter | Yes | | No | | |
| PFI Equipment | Yes | | No | | |
| Generator | Yes | | No | | |
| Change Over | Yes | | No | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|--|----------------|-------------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Model Town 01 | | | |
| Location | Latitude | 29.977460 | | | |
| | Longitude | 73.256923 | | | |
| Address | | Model Town, Bahawalnagar | | | |
| Area (Marla) | | 2 | | | |
| Working Status | | Functional | Non-Functional | | |
| Construction Year of Water Works | | 2007 | | | |
| Installation Year of Pump | | 2007 | 2007 | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 3 | 3 | | |
| Delivery Pipe | Dia | 6" | | | |
| | Material | MS | | | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| | | Pump A | | Pump B | |
| Pump Type | | Centrifugal | | Centrifugal | |
| Pump Make | | KSB | | KSB | |
| Discharge Capacity (Cusec) | | 1.5 | | 1.5 | |
| Rotational Speed (RPM) | | 1470 | | 1470 | |
| Head (ft.) | | 100 | | 100 | |
| Paint of Pumping Unit | | Fair | | Fair | |
| Number of Valves | Gate Valve | 2 | | 2 | |
| | Non-Returning Valve | 2 | | 2 | |
| Base Plate | | Yes | No | Yes | No |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | 200 (Combined) | | | |
| Sanctioned Load (Kwh) | | 121 | | | |
| Motor Power (HP) | | 40 | 40 | | |
| Motor Make | | Siemens | Siemens | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Earthing of MCU | | Yes | No | | |
| Energy Meter | | Yes | No | | |
| Water Meter | | Yes | No | | |
| PFI Equipment | | Yes | No | | |
| Generator | | Yes | No | | |








| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Change Over | | Yes | No | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|--|----------------------------|--|----------------|-----------|-------------------|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A1 | | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ | |
| | | | | | Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | | |
| Name | | Model Town 02 | | | | |
| Location | Latitude | 29.977460 | | | | |
| | Longitude | 73.256923 | | | | |
| Address | | Model Town, Bahawalnagar | | | | |
| Area (Marla) | | 2 | | | | |
| Working Status | | Functional | Non-Functional | | | |
| Construction Year of Water Works | | 2013 | | | | |
| Installation Year of Pump | | 2013 | 2013 | | | |
| Capital Cost of Machinery | | | | | | |
| Operational Hours | | 3 | Abandoned | | | |
| Delivery Pipe | Dia | 6" | 6" | | | |
| | Material | MS | MS | | | |
| Apron Around Pump House | | Yes | No | | | |
| Hoisting Girder | | Yes | No | | | |
| Civil Structure Condition | | Good | Fair | Poor | | |
| Approach to Pump House | | Good | Fair | Poor | | |
| Pump Details | | | | | | |
| | | Pump A | | Pump B | | |
| Pump Type | | Centrifugal | | Abandoned | | |
| Pump Make | | MECO | | | | |
| Discharge Capacity (Cusec) | | 2 | | | | |
| Rotational Speed (RPM) | | 1470 | | | | |
| Head (ft.) | | 100 | | | | |
| Paint of Pumping Unit | | Fair | | | | |
| Number of Valves | Gate Valve | 2 | | | | |
| | Non-Returning Valve | 2 | | | | |
| Base Plate | | Yes | No | | | |
| Electro-Mechanical Equipment Details | | | | | | |
| Transformer Capacity (kVA) | | 200 (Combined) | | | | |
| Sanctioned Load (Kwh) | | 121 | | | | |
| Motor Power (HP) | | 50 | 50 | | | |
| Motor Make | | Siemens | Siemens | | | |
| MCU | | Yes | No | | | |
| Earthing of Motor | | Yes | No | | | |
| Power Wiring | | Yes | No | | | |
| Service Cable | | Yes | No | | | |
| Earthing of MCU | | Yes | No | | | |
| Energy Meter | | Yes | No | | | |
| Water Meter | | Yes | No | | | |
| PFI Equipment | | Yes | No | | | |
| Generator | | Yes | No | | | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Change Over | | Yes | No | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|---|---------------------|--|-------------|----------------|---------------------------------------|---|--|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A1 | | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | |
| Asset Detail | | | | | Pictures | | |
| Name | | Shahzad Nagar | | | | |  |
| Location | Latitude | 29.989757 | | | | | |
| | Longitude | 73.255738 | | | | | |
| Address | | Shahzad Nagar, Bahawalnagar | | | | | |
| Area (Marla) | | 2 | | | | | |
| Working Status | | Functional | | Non-Functional | | | |
| Construction Year of Water Works | | 1983 | | | | | |
| Installation Year of Pump | | 2005 | 2005 | 1993 | 1993 | | |
| Capital Cost of Machinery | | | | | | | |
| Operational Hours | | 3 | 3 | 3 | 3 | | |
| Delivery Pipe | Dia | 6" | 6" | 6" | 6" | | |
| | Material | MS | MS | MS | MS | | |
| Apron Around Pump House | | Yes | | No | | | |
| Hoisting Girder | | Yes | | No | | | |
| Civil Structure Condition | | Good | Fair | Poor | | | |
| Approach to Pump House | | Good | Fair | Poor | | | |
| Pump Details | | | | | | | |
| | | Pump A | Pump B | Pump C | Pump D |  | |
| Pump Type | | Centrifugal | Centrifugal | Centrifugal | Centrifugal | | |
| Pump Make | | MECO | MECO | BECO | BECO | | |
| Discharge Capacity (Cusec) | | 3 | 3 | 3 | 3 | | |
| Rotational Speed (RPM) | | 1470 | 1470 | 1470 | 1470 | | |
| Head (ft.) | | 100 | 100 | 100 | 100 | | |
| Paint of Pumping Unit | | Fair | Fair | Fair | Fair | | |
| Number of Valves | Gate Valve | 2 | 2 | 2 | 2 | | |
| | Non-Returning Valve | 2 | 2 | 2 | 2 | | |
| Base Plate | | Yes | Yes | Yes | Yes | | |
| Electro-Mechanical Equipment Details | | | | | | | |
| Transformer Capacity (kVA) | | 200 | | | | | |
| Sanctioned Load (Kwh) | | 179 | | | | | |
| Motor Power (HP) | | 60 | 60 | 60 | 60 | | |
| Motor Make | | Siemens | Siemens | BECO | BECO | | |
| MCU | | Yes | | No | | | |
| Earthing of Motor | | Yes | | No | | | |
| Power Wiring | | Yes | | No | | | |
| Service Cable | | Yes | | No | | | |
| Earthing of MCU | | Yes | | No | | | |
| Energy Meter | | Yes | | No | | | |
| Water Meter | | Yes | | No | | | |
| PFI Equipment | | Yes | | No | | | |
|  | | | | | | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|---------------------------------|------|--|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Generator | Yes | No | | | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|----------------------------|--|----------------|----------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Degree College | | | |
| Location | Latitude | 29.994161 | | | |
| | Longitude | 73.267096 | | | |
| Address | | Degree College, Bahawalnagar | | | |
| Area (Marla) | | 2 | | | |
| Working Status | | Functional | Non-Functional | | |
| Construction Year of Water Works | | 2007 | | | |
| Installation Year of Pump | | 2007 | 2007 | | |
| Capital Cost of Machinery | | | | | |
| Operational Hours | | 3 | 3 | | |
| Delivery Pipe | Dia | 6" | 6" | | |
| | Material | MS | MS | | |
| Apron Around Pump House | | Yes | No | | |
| Hoisting Girder | | Yes | No | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Pump Details | | | | | |
| | | Pump A | Pump B | | |
| Pump Type | | Centrifugal | Centrifugal | | |
| Pump Make | | MECO | MECO | | |
| Discharge Capacity (Cusec) | | 1.5 | 1.5 | | |
| Rotational Speed (RPM) | | 1470 | 1470 | | |
| Head (ft.) | | 100 | 100 | | |
| Paint of Pumping Unit | | Poor | Poor | | |
| Number of Valves | Gate Valve | 2 | 2 | | |
| | Non-Returning Valve | 2 | 2 | | |
| Base Plate | | Yes | Yes | | |
| Electro-Mechanical Equipment Details | | | | | |
| Transformer Capacity (kVA) | | 100 | | | |
| Sanctioned Load (Kwh) | | 61 | | | |
| Motor Power (HP) | | 40 | 40 | | |
| Motor Make | | Siemens | Siemens | | |
| MCU | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Earthing of MCU | | Yes | No | | |
| Energy Meter | | Yes | No | | |
| Water Meter | | Yes | No | | |
| PFI Equipment | | Yes | No | | |
| Generator | | Yes | No | | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|---------------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A1 | Intermediate Pumping Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Change Over | Yes | No | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

F. Water Supply Network

| Sr # | Dia | Length (meter) | Age(years) | Condition | Material | Book Value (PKR Mil) |
|------|-----|----------------|------------|-----------|----------|----------------------|
| 1 | 3" | 8438 | 51 | Failing | AC | 0 |
| 2 | 4" | 10571 | | | | 0 |
| 3 | 6" | 10371 | | | | 0 |
| 4 | 8" | 3307 | | | | 0 |
| 5 | 9" | 160 | | | | 0 |
| 6 | 10" | 3619 | | | | 0 |
| 7 | 12" | 1635 | | | | 0 |
| 8 | 14" | 89 | | | | 0 |
| 9 | 15" | 332 | | | | 0 |
| 10 | 16" | 457 | | | | 0 |
| 11 | 18" | 545 | | | | 0 |
| 12 | 20" | 494 | | | | 0 |
| 13 | 22" | 41 | | | | 0 |
| 14 | 24" | 3049 | | | | 0 |
| 15 | 3" | 11814 | 11 | Good | PVC,PRCC | 8 |
| 16 | 4" | 14799 | | | | 11 |
| 17 | 6" | 14519 | | | | 14 |
| 18 | 8" | 4629 | | | | 6 |
| 19 | 9" | 224 | | | | 1 |
| 20 | 10" | 5067 | | | | 8 |
| 21 | 12" | 2289 | | | | 5 |
| 22 | 14" | 125 | | | | 1 |
| 23 | 15" | 465 | | | | 2 |
| 24 | 16" | 640 | | | | 2 |
| 25 | 18" | 762 | | | | 3 |
| 26 | 20" | 692 | | | | 3 |
| 27 | 22" | 58 | | | | 1 |
| 28 | 24" | 4269 | | | | 32 |
| 29 | 3" | 13501 | 4 | Excellent | PVC,G.I | 31 |
| 30 | 4" | 16913 | | | | 40 |
| 31 | 6" | 16593 | | | | 43 |
| 32 | 8" | 5291 | | | | 16 |
| 33 | 9" | 256 | | | | 2 |
| 34 | 10" | 5791 | | | | 38 |
| 35 | 12" | 2616 | | | | 24 |
| 36 | 14" | 143 | | | | 2 |
| 37 | 15" | 531 | | | | 9 |
| 38 | 16" | 732 | | | | 12 |



| Sr # | Dia | Length (meter) | Age(years) | Condition | Material | Book Value (PKR Mil) |
|------|-----|----------------|------------|-----------|----------|----------------------|
| 39 | 18" | 871 | | | | 15 |
| 40 | 20" | 791 | | | | 16 |
| 41 | 22" | 66 | | | | 1 |
| 42 | 24" | 4879 | | | | 144 |

| Integrated Development And Asset Management Plan (IDAMP) | | | | |
|---|--|--------------|---------------------------------------|-------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A5 | Water Supply Network Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Description | | Area (Acres) | Percentage | |
| Served Area | | 1712 | 54 | |
| Contaminated Area | | 1603 | 93 | |
| Water Shortage Area | | 60 | 03 | |
| Unserved Area | | 1457 | 46 | |
| Latest water quality analysis carried out for community network? | | Yes | No | |
| If yes, which lab and parameters? | | - | | |
| Findings of water quality analysis? | | - | | |
| In case of any parameter above the permissible limit of PEQSS, which steps are taken to provide safe drinking water to the consumers? | | - | | |
| Any complaints of water contamination received from the consumers? | | Yes | No | |
| If yes, which steps were taken to resolve the complaints? | | - | | |
| Pipe Dia (inches) | Pipe Material | Length (m) | Year of Laying | Age of Pipe |
| 3" | AC | 8438 | 1972 | 51 |
| 4" | AC | 10571 | 1972 | 51 |
| 6" | AC | 10371 | 1972 | 51 |
| 8" | AC | 3307 | 1972 | 51 |
| 9" | AC | 160 | 1972 | 51 |
| 10" | AC | 3619 | 1972 | 51 |
| 12" | AC | 1635 | 1972 | 51 |
| 14" | AC | 89 | 1972 | 51 |
| 15" | AC | 332 | 1972 | 51 |
| 16" | AC | 457 | 1972 | 51 |
| 18" | AC | 545 | 1972 | 51 |
| 20" | AC | 494 | 1972 | 51 |
| 22" | AC | 41 | 1972 | 51 |
| 24" | AC | 3049 | 1972 | 51 |
| 3" | PVC, PRCC | 11814 | 2012 | 11 |
| 4" | PVC, PRCC | 14799 | 2012 | 11 |

| | | | | |
|--|---------------------------------|---|-------------------------------------|----|
| 6" | PVC, PRCC | 14519 | 2012 | 11 |
| 8" | PVC, PRCC | 4629 | 2012 | 11 |
| 9" | PVC, PRCC | 224 | 2012 | 11 |
| 10" | PVC, PRCC | 5067 | 2012 | 11 |
| 12" | PVC, PRCC | 2289 | 2012 | 11 |
| 14" | PVC, PRCC | 125 | 2012 | 11 |
| 15" | PVC, PRCC | 465 | 2012 | 11 |
| 16" | PVC, PRCC | 640 | 2012 | 11 |
| 18" | PVC, PRCC | 762 | 2012 | 11 |
| 20" | PVC, PRCC | 692 | 2012 | 11 |
| 22" | PVC, PRCC | 58 | 2012 | 11 |
| 24" | PVC, PRCC | 4269 | 2012 | 11 |
| 3" | PVC, G.I | 13501 | 2019 | 04 |
| 4" | PVC, G.I | 16913 | 2019 | 04 |
| 6" | PVC, G.I | 16593 | 2019 | 04 |
| 8" | PVC, G.I | 5291 | 2019 | 04 |
| 9" | PVC, G.I | 256 | 2019 | 04 |
| 10" | PVC, G.I | 5791 | 2019 | 04 |
| 12" | PVC, G.I | 2616 | 2019 | 04 |
| 14" | PVC, G.I | 143 | 2019 | 04 |
| 15" | PVC, G.I | 531 | 2019 | 04 |
| 16" | PVC, G.I | 732 | 2019 | 04 |
| 18" | PVC, G.I | 871 | 2019 | 04 |
| 20" | PVC, G.I | 791 | 2019 | 04 |
| 22" | PVC, G.I | 66 | 2019 | 04 |
| 24" | PVC, G.I | 4879 | 2019 | 04 |
| | | | | |
| Remarks / Requirements | | | | |
| • No remarks | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  | <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  | <i>Sign & Date: 30 May 2023</i> | |

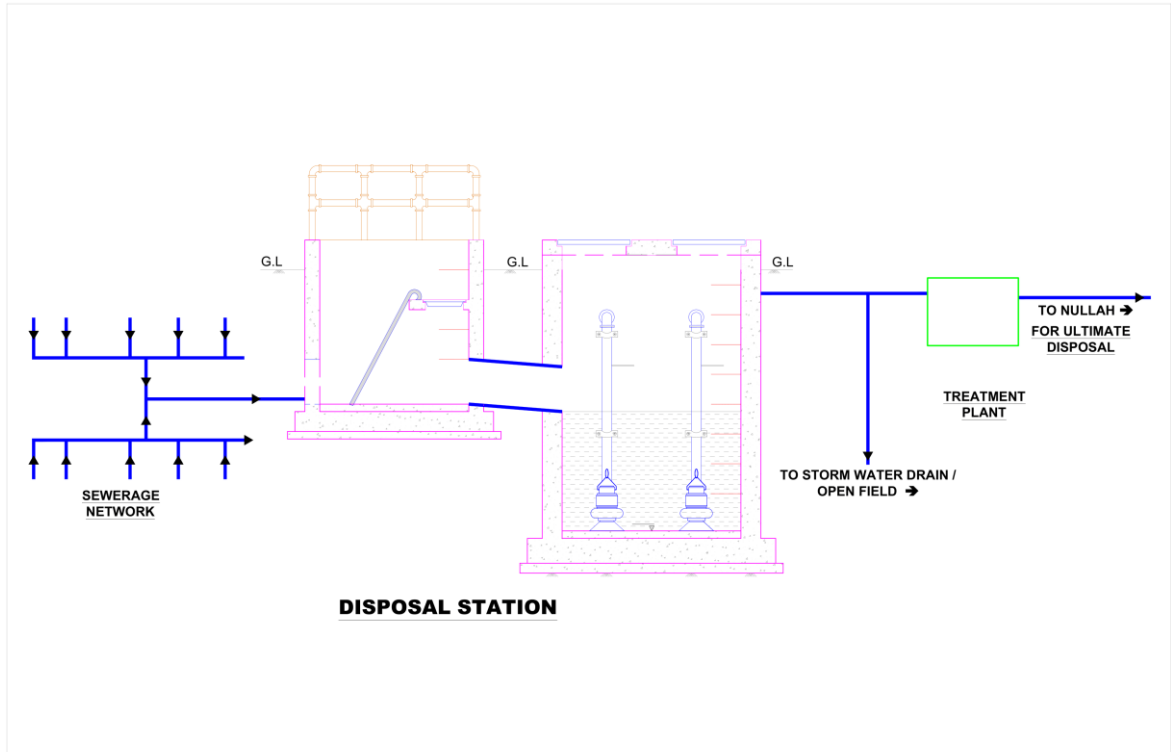
G. Vehicles/ Machinery

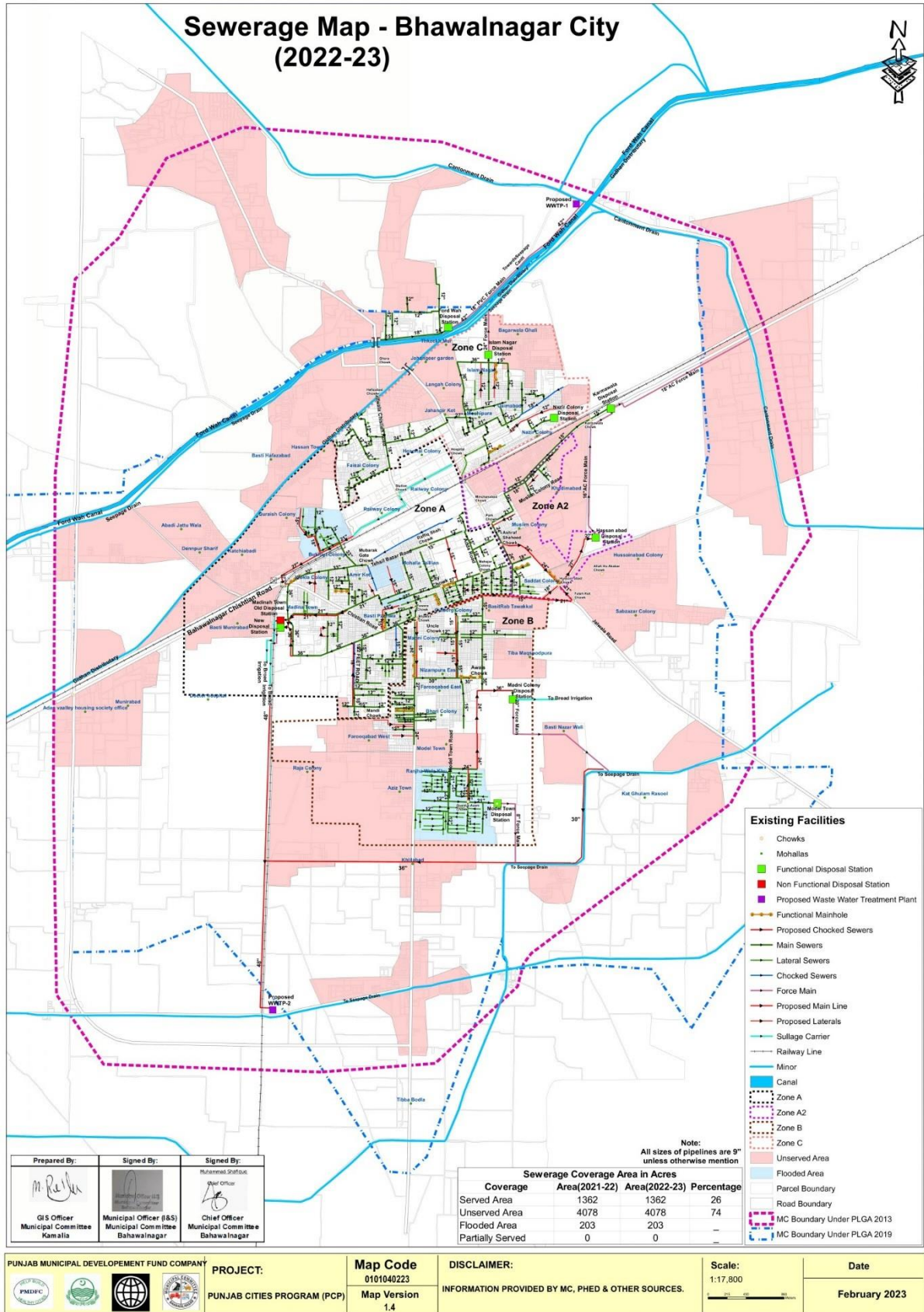
| Sr # | Name | Registration Number | Age (Years) | Condition | Capacity | Status | Book Value (PKR Mil) |
|------|--------------|---------------------|-------------|-----------|----------|------------|----------------------|
| 1 | Water Bowser | BNH 4081 | 17 | Fair | 50 HP | Functional | 0.8 |

| Integrated Development and Asset Management Plan (IDAMP) | |
|--|---|
| Municipal Committee Bahawalnagar | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment |
| Asset Code: _____ | |
| Date: 02-05-2023 | |
| Type of Vehicle / Machinery | Pictures |
| Water Bowser |  |
| Capacity | 500 Gallons |
| Purpose | Water Supply |
| Year of Manufacturing | 2006 |
| Model | MF 240 |
| Capital Cost | Not Available |
| Fuel Consumption (Lt) | 356 |
| Condition | Fair |
| Engine Capacity | 50 HP |
| Maintenance Cost | Not Available |
| Oiling /Fitness | Yes |
| Fitness Certificate | No |
| Registered | BNH 4081 |
| Overall Rating | Fair |
| Remarks / Requirements | |
| <ul style="list-style-type: none"> No remarks | |
| Data Collected By: Mr. Abdullah | Designation: Team Member  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead  Sign & Date: 30 May 2023 |

2. Sewerage

Key Components of a Sewerage System

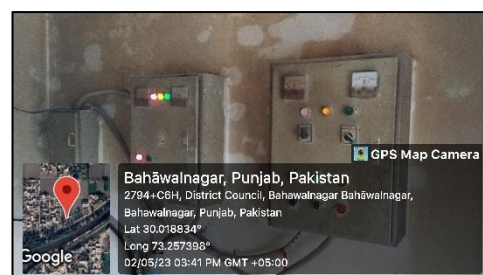
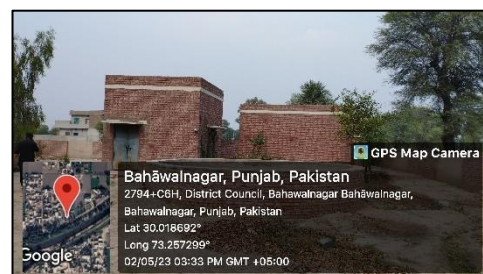






A. Disposal Station





| Sr # | Name | Age (Years) | | Nos. of pump | Discharge Each (Cusec) | Motor hp | Pump Make | Motor Make | Condition | Status | Book Value (PKR Mil) |
|------|-----------------|-----------------|------|---------------------------------|------------------------|----------|-------------|------------|-----------|------------|----------------------|
| | | Civil Structure | Pump | | | | | | | | |
| 1 | Fordwah | 7 | 7 | 2 | 1.5 | 15 | HMA | MECO | Good | Functional | 3.6 |
| 2 | Madina Town New | 7 | 7 | 1 Functional + 6 Non-Functional | 3 | 60 | Master | Siemens | Good | Functional | 4.8 |
| 3 | Madina Town Old | Abandoned | | | | | | | | | |
| 4 | Islam Nagar | 7 | 7 | 2 Functional + 3 Non-Functional | 1.5 | 20 | HMA, Master | MECO | Fair | Functional | 4.6 |
| 5 | Karmanwala | 7 | 7 | 1 | 1.5 | 20 | HMA | MECO | Fair | Functional | 2.8 |
| 6 | Hussainabad | 7 | 7 | 1 | 1.5 | 20 | HMA | MECO | Fair | Functional | 2.8 |
| 7 | Madni Colony | 12 | 3 | 1 Functional + 4 Non-Functional | 3 | 40 | KSB | Siemens | Good | Functional | 2.4 |
| 8 | Model Town | 58 | 2 | 1 | 2 | 25 | Shahzad | Siemens | Fair | Functional | 1.8 |


| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|--------------------|---|----------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A7 | | Sewerage Disposal Station Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 |
| Asset Detail | | | Pictures | |
| Name | | Fordwah Disposal Station | | |
| Location | Latitude | 30.018637 | | |
| | Longitude | 73.257302 | | |
| Address | | Fordwah Canal, Bahawalnagar | | |
| Area (Acres) | | 0.3 | | |
| Installation Year | | 2016 | | |
| Capital Cost of Machinery | | | | |
| Outfall Drain Sewer | Dia | 24" | | |
| | Material | RCC | | |
| Screening Chamber | No. of Screens | 1 | | |
| | Screen Condition | Good | Fair | Poor |
| | Chamber Structure | Masonry | | |
| Wet Wells | Number | 1 | | |
| | Shape | Rectangular | Circular | |
| | Size | 25' | | |
| | Structure | Masonry | RCC | |
| Force Main | Railing | Yes | No | |
| | No. of force mains | 1 | | |
| | Dia | 10" | | |
| | Material | PVC | | |
| | Starting Point | Disposal Station | | |
| Sullage Carrier | Ending Point | Seepage Drain | | |
| | Length | 3 km | | |
| | Size | No Sullage Carrier | | |
| | Shape | | | |
| Length | | | | |
| Delivery Pipe | Condition | | | |
| | Dia | 8" | | |
| Suction Pipe | Material | C.I | | |
| | Dia | 8" | | |
| Number of Valves | Material | C.I | | |
| | Sluice Valves | 2 | | |
| | Non-Return Valves | 2 | | |
| | Penstock Valves | 2 | | |
| Ultimate Disposal | | Seepage Drain | | |
| Civil Structure Condition | | Good | Fair | Poor |
| Control Room Structure | | Good | Fair | Poor |










| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|--------------------------|---------------|---|---------|
| Discharge Box Structure | Good | Fair | Poor | | |
| Approach to Pump House | Good | Fair | Poor | | |
| Hoisting Girder | Yes | | No | | |
| Boundary Wall & Gate | Yes | | No | | |
| Treatment of Sewage | Yes | | No | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | 1227 | | | | |
| Ultimate disposal of wastewater? | | | | | |
| Electro-Mechanical Equipment Details | | | | | |
| Number of WAPDA Feeders | 1 | | | | |
| Transformer Capacity (kVA) | 25 | | | | |
| Number of MCU | 2 | | | | |
| Sanctioned Load (kWh) | 23 | | | | |
| Power Factor Improvement Equipment | Yes | No | | | |
| Service Cable | Yes | No | | | |
| Power Wiring | Yes | No | | | |
| Earthing of Motor | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Generator Availability | Yes | No | | | |
| Light Wiring of Pump House | Yes | No | | | |
| Change Over | Yes | No | | | |
| Pump Detail | | | | | |
| | Pump A | | Pump B | | |
| Pump Type | Submersible | | Submersible | | |
| Pump Brand | HMA | | HMA | | |
| Pump Paint | Good | | Good | | |
| Motor Brand | MECO | | MECO | | |
| Installation Year of Pump | 2016 | | 2016 | | |
| Discharge Capacity (Cusecs) | 1.5 | | 1.5 | | |
| Rotational Speed (RPM) | 960 | | 960 | | |
| Head (ft.) | 40 | | 40 | | |
| Motor Power (HP) | 20 | | 20 | | |
| Pump Daily Running Time (Hours) | 4 | | 4 | | |
| Base Plate | Yes | No | Yes | No | |
| Number of Valves | Sluice Valve | 2 | | | |
| | Non-Returning Valve | 2 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  | |


| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|------------------------|---|
| | | Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------------|----------|------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A7 | Sewerage Disposal Station Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 | | | |
| Asset Detail | | | Pictures | | |
| Name | | Islam Nagar | | |     |
| Location | Latitude | 30.015678 | | | |
| | Longitude | 73.261248 | | | |
| Address | | Islam Nagar, Bahawalnagar | | | |
| Area (Acres) | | 0.35 | | | |
| Installation Year | | 2016 | | | |
| Capital Cost of Machinery | | | | | |
| Outfall Sewer | Drain Dia | 36" | | | |
| | Material | RCC | | | |
| Screening Chamber | No. of Screens | 2 | | | |
| | Screen Condition | Good | Fair | Poor | |
| | Chamber Structure | Masonry | | | |
| Wet Wells | Number | 2 | | | |
| | Shape | Rectangular | Circular | | |
| | Size | 35' | | | |
| | Structure | Masonry | RCC | | |
| | Railing | Yes | No | | |
| Force Main | No. of force mains | 1 | | | |
| | Dia | 24" | | | |
| | Material | AC | | | |
| | Starting Point | Disposal Station | | | |
| | Ending Point | Seepage Drain | | | |
| Sullage Carrier | Size | No Sullage Carrier | | | |
| | Shape | | | | |
| | Length | | | | |
| | Condition | | | | |
| Delivery Pipe | Dia | 10" | | | |
| | Material | C.I | | | |
| Suction Pipe | Dia | 10" | | | |
| | Material | C.I | | | |
| Number Valves | of Sluice Valves | 9 | | | |
| | Non-Return Valves | 5 | | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | |
|---|--|---------------------|------|--|--|---------------------------|--|---------------------------|--|---------------------------|------|
| Penstock Valves | | 2 | |  | | | | | | | |
| Ultimate Disposal | | Seepage Drain | | | | | | | | | |
| Civil Structure Condition | | Good | Fair | | | | | | | | Poor |
| Control Room Structure | | Good | Fair | | | | | | | | Poor |
| Discharge Box Structure | | Good | Fair | | | | | | | | Poor |
| Approach to Pump House | | Good | Fair | | | | | | | | Poor |
| Hoisting Girder | | Yes | | | | | | | | | No |
| Boundary Wall & Gate | | Yes | | | | | | | | | No |
| Treatment of Sewage | | Yes | | | | | | | | | No |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | | 4602 | | | | | | | | | |
| Ultimate disposal of wastewater? | | | | | | | | | | | |
| Electro-Mechanical Equipment Details | | | | | | | | | | | |
| Number of WAPDA Feeders | | 1 | | | | | | | | | |
| Transformer Capacity (kVA) | | 200 | | | | | | | | | |
| Number of MCU | | 5 | | | | | | | | | |
| Sanctioned Load (kWh) | | 158 | | | | | | | | | |
| Power Factor Improvement Equipment | | Yes | | No | | | | | | | |
| Service Cable | | Yes | | No | | | | | | | |
| Power Wiring | | Yes | | No | | | | | | | |
| Earthing of Motor | | Yes | | No | | | | | | | |
| Earthing of MCU | | Yes | | No | | | | | | | |
| Generator Availability | | Yes | | No | | | | | | | |
| Light Wiring of Pump House | | Yes | | No | | | | | | | |
| Change Over | | Yes | | No | | | | | | | |
| Pump Detail | | | | | | | | | | | |
| | | Pump A | | Pump B | | Pump C | | Pump D | | Pump E | |
| Pump Type | | Submersible | | Centrifugal /Non-Clogging | | Centrifugal /Non-Clogging | | Centrifugal /Non-Clogging | | Centrifugal /Non-Clogging | |
| Pump Brand | | HMA | | Master | | MECO | | MECO | | MECO | |
| Pump Paint | | Fair | | Fair | | Fair | | Fair | | Fair | |
| Motor Brand | | MECO | | MECO | | MECO | | MECO | | MECO | |
| Installation Year of Pump | | 2016 | | 2016 | | 2016 | | 2016 | | 2016 | |
| Discharge Capacity (Cusecs) | | 1.5 | | 3 | | 3 | | 3 | | 3 | |
| Rotational Speed (RPM) | | 960 | | 960 | | 960 | | 960 | | 960 | |
| Head (ft.) | | 50 | | 50 | | 50 | | 50 | | 50 | |
| Motor Power (HP) | | 20 | | 40 | | 40 | | 40 | | 40 | |
| Pump Daily Running Time (Hours) | | 10 | | 10 | | Non-Functiona l | | Non-Functiona l | | Non-Functiona l | |
| Base Plate | | Yes No | | Yes No | | Yes No | | Yes No | | Yes No | |
| Number of Valves | | Sluice Valve | | 9 | | | | | | | |
| | | Non-Returning Valve | | 5 | | | | | | | |
| Overall Rating | | | | | | | | | | | |
| Average Score | | 1 | | 2 | | 3 | | 4 | | 5 | |

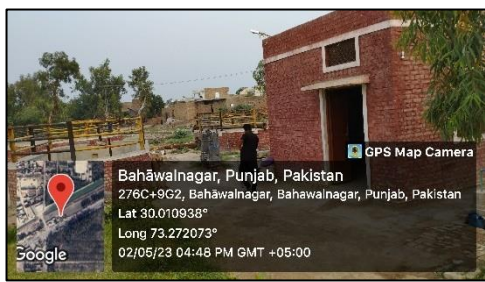


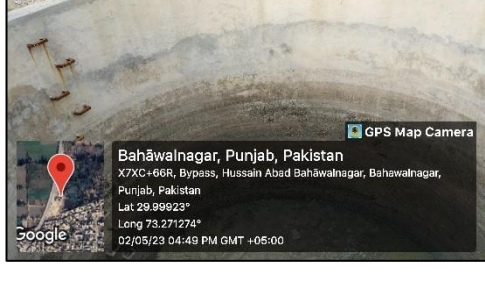
| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|-----------|---------------------------------|------|---|---------|
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--------------------|---|----------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A7 | | Sewerage Disposal Station Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | Pictures | | |
| Name | | Karmanwala Disposal Station | | |  |
| Location | Latitude | 30.010709 | | | |
| | Longitude | 73.271959 | | | |
| Address | | Karmanwala, Bahawalnagar | | | |
| Area (Acres) | | 0.15 | | | |
| Installation Year | | 2016 | | | |
| Capital Cost of Machinery | | | | | |
| Outfall Drain Sewer | Dia | 15" | | | |
| | Material | RCC | | | |
| Screening Chamber | No. of Screens | 1 | | | |
| | Screen Condition | Good | Fair | Poor | |
| | Chamber Structure | Masonry | | | |
| Wet Wells | Number | 1 | | | |
| | Shape | Rectangular | Circular | | |
| | Size | 20' | | | |
| | Structure | Masonry | RCC | | |
| Force Main | Railing | Yes | No | | |
| | No. of force mains | 1 | | | |
| | Dia | 18" | | | |
| | Material | AC | | | |
| | Starting Point | Disposal Station | | | |
| Sullage Carrier | Ending Point | Seepage Drain | | | |
| | Length | 5700' | | | |
| | Size | No Sullage Carrier | | | |
| | Shape | | | | |
| Length | | | | | |
| Condition | | | | | |
| Delivery Pipe | Dia | 8" | | | |
| | Material | C.I | | | |
| Suction Pipe | Dia | 8" | | | |
| | Material | C.I | | | |
| Number of Valves | Sluice Valves | 1 | | | |
| | Non-Return Valves | 1 | | | |
| | Penstock Valves | 1 | | | |
| Ultimate Disposal | | Seepage Drain | | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Control Room Structure | | Good | Fair | Poor | |
|  | | | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|--------------------------|---------------|---|---------|
| Discharge Box Structure | Good | Fair | Poor | | |
| Approach to Pump House | Good | Fair | Poor | | |
| Hoisting Girder | Yes | No | | | |
| Boundary Wall & Gate | Yes | No | | | |
| Treatment of Sewage | Yes | No | | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | 1841 | | | | |
| Ultimate disposal of wastewater? | | | | | |
| Electro-Mechanical Equipment Details | | | | | |
| Number of WAPDA Feeders | 1 | | | | |
| Transformer Capacity (kVA) | 25 | | | | |
| Number of MCU | 1 | | | | |
| Sanctioned Load (kWh) | 20 | | | | |
| Power Factor Improvement Equipment | Yes | No | | | |
| Service Cable | Yes | No | | | |
| Power Wiring | Yes | No | | | |
| Earthing of Motor | Yes | No | | | |
| Earthing of MCU | Yes | No | | | |
| Generator Availability | Yes | No | | | |
| Light Wiring of Pump House | Yes | No | | | |
| Change Over | Yes | No | | | |
| Pump Detail | | | | | |
| | | | Pump A | | |
| Pump Type | Submersible | | | | |
| Pump Brand | HMA | | | | |
| Pump Paint | Fair | | | | |
| Motor Brand | MECO | | | | |
| Installation Year of Pump | 2016 | | | | |
| Discharge Capacity (Cusecs) | 1.5 | | | | |
| Rotational Speed (RPM) | 960 | | | | |
| Head (ft.) | 50 | | | | |
| Motor Power (HP) | 20 | | | | |
| Pump Daily Running Time (Hours) | 12 | | | | |
| Base Plate | Yes | | No | | |
| Number of Valves | Sluice Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  | |

| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|------------------------|---|
| | | Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |

| Integrated Development and Asset Management Plan (IDAMP) | | | |
|--|---|------------------------------|------------------|
| Municipal Committee Bahawalnagar | | | |
| Form: IDAMP-A7 | Sewerage Disposal Station Asset Condition Assessment | Asset Code: _____ | Date: 02-05-2023 |
| Asset Detail | | Pictures | |
| Name | | Hussainabad Disposal Station | |
| Location | Latitude | 29.999318 | |
| | Longitude | 73.271067 | |
| Address | | Hussainabad, Bahawalnagar | |
| Area (Acres) | | 0.35 | |
| Installation Year | | 2016 | |
| Capital Cost of Machinery | | | |
| Outfall Drain Sewer | Dia | 27" | |
| | Material | RCC | |
| Screening Chamber | No. of Screens | 2 | |
| | Screen Condition | Good | Fair |
| | Chamber Structure | Masonry | |
| Wet Wells | Number | 2 | |
| | Shape | Rectangular | Circular |
| | Size | 25' | |
| | Structure | Masonry | RCC |
| | Railing | Yes | No |
| Force Main | No. of force mains | 1 | |
| | Dia | 16" | |
| | Material | AC | |
| | Starting Point | Disposal Station | |
| | Ending Point | Karmanwala Disposal | |
| | Length | 4140' | |
| Sullage Carrier | Size | No Sullage Carrier | |
| | Shape | | |
| | Length | | |
| | Condition | | |
| Delivery Pipe | Dia | 8" | |
| | Material | C.I | |
| Suction Pipe | Dia | 8" | |
| | Material | C.I | |
| Sluice Valves | | 1 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|--------------------|---------------|--|---------|
| Number of Valves | Non-Return Valves | 1 | |  | |
| | Penstock Valves | 2 | | | |
| Ultimate Disposal | | Karmawala Disposal | | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Control Room Structure | | Good | Fair | Poor | |
| Discharge Box Structure | | Good | Fair | Poor | |
| Approach to Pump House | | Good | Fair | Poor | |
| Hoisting Girder | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Treatment of Sewage | | Yes | No | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | | 1841 | | | |
| Ultimate disposal of wastewater? | | | | | |
| Electro-Mechanical Equipment Details | | | | | |
| Number of WAPDA Feeders | | 1 | | | |
| Transformer Capacity (kVA) | | 200 | | | |
| Number of MCU | | 1 | | | |
| Sanctioned Load (kWh) | | 20 | | | |
| Power Factor Improvement Equipment | | Yes | No | | |
| Service Cable | | Yes | No | | |
| Power Wiring | | Yes | No | | |
| Earthing of Motor | | Yes | No | | |
| Earthing of MCU | | Yes | No | | |
| Generator Availability | | Yes | No | | |
| Light Wiring of Pump House | | Yes | No | | |
| Change Over | | Yes | No | | |
| Pump Detail | | | | | |
| | | | Pump A | | |
| Pump Type | | Submersible | | | |
| Pump Brand | | HMA | | | |
| Pump Paint | | Fair | | | |
| Motor Brand | | MECO | | | |
| Installation Year of Pump | | 2016 | | | |
| Discharge Capacity (Cusecs) | | 1.5 | | | |
| Rotational Speed (RPM) | | 960 | | | |
| Head (ft.) | | 50 | | | |
| Motor Power (HP) | | 20 | | | |
| Pump Daily Running Time (Hours) | | 12 | | | |
| Base Plate | | Yes | | No | |
| Number of Valves | Sluice Valve | 1 | | | |
| | Non-Returning Valve | 1 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---------------------------------|---|--|---|
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  <i>Sign & Date: 30 May 2023</i> | |






| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--------------------|---|----------|----------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A7 | | Sewerage Disposal Station Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Madina Town New | | | |
| Location | Latitude | 29.992812 | | | |
| | Longitude | 73.240822 | | | |
| Address | | Madina Town, Bahawalnagar | | | |
| Area (Acres) | | 3.8 | | | |
| Installation Year | | 2016 | | | |
| Capital Cost of Machinery | | | | | |
| Outfall Drain Sewer | Dia | 36" | | | |
| | Material | RCC | | | |
| Screening Chamber | No. of Screens | 2 | | | |
| | Screen Condition | Good | Fair | Poor | |
| | Chamber Structure | Masonry | | | |
| Wet Wells | Number | 2 | | | |
| | Shape | Rectangular | Circular | | |
| | Size | 35' | | | |
| | Structure | Masonry | RCC | | |
| Force Main | Railing | Yes | No | | |
| | No. of force mains | 1 | | | |
| | Dia | 24" | | | |
| | Material | AC | | | |
| | Starting Point | Disposal Station | | | |
| | Ending Point | Broad Irrigation | | | |
| Sullage Carrier | Length | 1800' | | | |
| | Size | 3'x4' | | | |
| | Shape | Rectangular | | | |
| Delivery Pipe | Length | 900' | | | |
| | Condition | Good | | | |
| | Dia | 8" | | | |
| Suction Pipe | Material | C.I | | | |
| | Dia | 8" | | | |
| Number of Valves | Sluice Valves | 14 | | | |
| | Non-Return Valves | 7 | | | |
| | Penstock Valves | 2 | | | |
| Ultimate Disposal | | Broad Irrigation | | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Control Room Structure | | Good | Fair | Poor | |

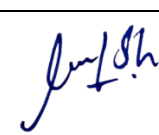



| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | |
|--|--------------------------|------|--------------------------|----|--------------------------|----|--------------------------|----|--|
| Discharge Box Structure | Good | Fair | Poor | | | | | | |
| Approach to Pump House | Good | Fair | Poor | | | | | | |
| Hoisting Girder | Yes | | No | | | | | | |
| Boundary Wall & Gate | Yes | | No | | | | | | |
| Treatment of Sewage | Yes | | No | | | | | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | 6750 | | | | | | | | |
| Ultimate disposal of wastewater? | | | | | | | | | |
| Electro-Mechanical Equipment Details | | | | | | | | | |
| Number of WAPDA Feeders | 1 | | | | | | | | |
| Transformer Capacity (kVA) | 200 | | | | | | | | |
| Number of MCU | 8 | | | | | | | | |
| Sanctioned Load (kWh) | 160 | | | | | | | | |
| Power Factor Improvement Equipment | Yes | | No | | | | | | |
| Service Cable | Yes | | No | | | | | | |
| Power Wiring | Yes | | No | | | | | | |
| Earthing of Motor | Yes | | No | | | | | | |
| Earthing of MCU | Yes | | No | | | | | | |
| Generator Availability | Yes | | No | | | | | | |
| Light Wiring of Pump House | Yes | | No | | | | | | |
| Change Over | Yes | | No | | | | | | |
| Pump Detail | | | | | | | | | |
| | Pump A | | Pump B | | Pump C | | Pump D | | |
| Pump Type | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | |
| Pump Brand | Master | | HMA | | HMA | | HMA | | |
| Pump Paint | Fair | | | | | | | | |
| Motor Brand | Siemens | | HMA | | HMA | | HMA | | |
| Installation Year of Pump | 2016 | | | | | | | | |
| Discharge Capacity (Cusecs) | 3 | | 3 | | 3 | | 3 | | |
| Rotational Speed (RPM) | 960 | | | | | | | | |
| Head (ft.) | 50 | | | | | | | | |
| Motor Power (HP) | 60 | | 60 | | 60 | | 60 | | |
| Pump Daily Running Time (Hours) | 22 | | Non-Functional | | Non-Functional | | Non-Functional | | |
| Base Plate | Yes | No | Yes | No | Yes | No | Yes | No | |
| | Pump E | | Pump F | | Pump G | | | | |
| Pump Type | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | | | |
| Pump Brand | HMA | | HMA | | HMA | | | | |
| Pump Paint | | | | | | | | | |
| Motor Brand | HMA | | HMA | | HMA | | | | |
| Installation Year of Pump | | | | | | | | | |
| Discharge Capacity (Cusecs) | 3 | | 3 | | 3 | | | | |
| Rotational Speed (RPM) | | | | | | | | | |
| Head (ft.) | | | | | | | | | |
| Motor Power (HP) | 60 | | 60 | | 60 | | | | |
| Pump Daily Running Time (Hours) | Non-Functional | | Non-Functional | | Non-Functional | | | | |
| Base Plate | Yes | No | Yes | No | Yes | No | Yes | No | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|-----------|--------------------------|------|---|---------|
| Number Valves | of | Sluice Valve | 14 | | |
| | | Non-Returning Valve | 7 | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|--|-----------|---|-----------------|--------------|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A7 | | Sewerage Disposal Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | | Pictures | | |
| Name | | Madina Town Old | | | | |
| Location | Latitude | 29.992812 | | | | |
| | Longitude | 73.240822 | | | | |
| Address | | Madina Town, Bahawalnagar | | | | |
| Area (Acres) | | 1.8 | | | | |
| Installation Year | | Not Available | | | | |
| Capital Cost of Machinery | | | | | | |
| Outfall Sewer | Drain | Dia | | | | |
| | | Material | | | | |
| Screening Chamber | | No. of Screens | | | | |
| | | Screen Condition | Good | Fair | Poor | |
| | | Chamber Structure | | | | |
| Wet Wells | | Number | | | | |
| | | Shape | Rectan gular | Circula r | | |
| | | Size | | | | |
| | | Structure | Masonr y | RCC | | |
| Force Main | | Railing | | | | |
| | | Yes | No | | | |
| | | No. of force mains | | | | |
| | | Dia | | | | |
| | | Material | | | | |
| Sullage Carrier | | Starting Point | | | | |
| | | Ending Point | | | | |
| | | Length | | | | |
| | | Size | | | | |
| Delivery Pipe | | Shape | | | | |
| | | Length | | | | |
| | | Condition | | | | |
| Suction Pipe | | Dia | | | | |
| | | Material | | | | |
| Number Valves | of | Sluice Valves | | | | |
| | | Non-Return Valves | | | | |
| | | Penstock Valves | | | | |
| Ultimate Disposal | | | | | | |
| Civil Structure Condition | | Good | Fair | Poor | | |
| Control Room Structure | | Good | Fair | Poor | | |
| Discharge Box Structure | | Good | Fair | Poor | | |









| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---------------------|--------------------------|------|---|---------|
| Approach to Pump House | Good | Fair | Poor | | |
| Hoisting Girder | Yes | | No | | |
| Boundary Wall & Gate | Yes | | No | | |
| Treatment of Sewage | Yes | | No | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | | | | | |
| Ultimate disposal of wastewater? | | | | | |
| Electro-Mechanical Equipment Details | | | | | |
| Number of WAPDA Feeders | | | | | |
| Transformer Capacity (kVA) | | | | | |
| Number of MCU | | | | | |
| Sanctioned Load (kWh) | | | | | |
| Power Factor Improvement Equipment | Yes | | No | | |
| Service Cable | Yes | | No | | |
| Power Wiring | Yes | | No | | |
| Earthing of Motor | Yes | | No | | |
| Earthing of MCU | Yes | | No | | |
| Generator Availability | Yes | | No | | |
| Light Wiring of Pump House | Yes | | No | | |
| Change Over | Yes | | No | | |
| Pump Detail | | | | | |
| | Pump A | | | Pump B | |
| Pump Type | | | | | |
| Pump Brand | | | | | |
| Pump Paint | | | | | |
| Motor Brand | | | | | |
| Installation Year of Pump | | | | | |
| Discharge Capacity (Cusecs) | | | | | |
| Rotational Speed (RPM) | | | | | |
| Head (ft.) | | | | | |
| Motor Power (HP) | | | | | |
| Pump Daily Running Time (Hours) | | | | | |
| Base Plate | Yes | No | Yes | No | |
| Number of Valves | Sluice Valve | | | | |
| | Non-Returning Valve | | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> This Disposal Station has been abandoned | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|------------------------|---|
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |

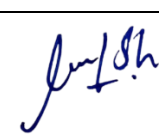
| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|----------------------------|----------|---------------------------------------|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A7 | Sewerage Disposal Station Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Asset Detail | | | Pictures | | |
| Name | | Madni Colony | | |  |
| Location | Latitude | 29.986374 | | | |
| | Longitude | 73.262014 | | | |
| Address | | Madni Colony, Bahawalnagar | | | |
| Area (Acres) | | 0.85 | | | |
| Installation Year | | 2011 | | | |
| Capital Cost of Machinery | | | | | |
| Outfall Drain Sewer | Dia | 36" | | | |
| | Material | RCC | | | |
| Screening Chamber | No. of Screens | 2 | | | |
| | Screen Condition | Good | Fair | Poor | |
| | Chamber Structure | Masonry | | | |
| Wet Wells | Number | 2 | | | |
| | Shape | Rectangular | Circular | | |
| | Size | 25" | | | |
| | Structure | Masonry | RCC | | |
| | Railing | Yes | No | | |
| | No. of force mains | 1 | | | |
| Force Main | Dia | 20" | | | |
| | Material | PVC | | | |
| | Starting Point | Disposal Station | | | |
| | Ending Point | Seepage Drain | | | |
| | Length | 5600' | | | |
| Sullage Carrier | Size | 2.5'x4' | | | |
| | Shape | Rectangular | | | |
| | Length | 700' | | | |
| | Condition | Fair | | | |
| Delivery Pipe | Dia | 8" | | | |
| | Material | C.I | | | |
| Suction Pipe | Dia | 8" | | | |
| | Material | C.I | | | |
| Number of Valves | Sluice Valves | 8 | | | |
| | Non-Return Valves | 4 | | | |
| | Penstock Valves | 2 | | | |
|  | | | | | |
|  | | | | | |
|  | | | | | |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | |
|--|--|--------------------------|------|--------------------------|--|--------------------------|--|--------------------------|--|---------|--|
| Ultimate Disposal | | Seepage Drain | | |  | | | | | | |
| Civil Structure Condition | | Good | Fair | Poor | | | | | | | |
| Control Room Structure | | Good | Fair | Poor | | | | | | | |
| Discharge Box Structure | | Good | Fair | Poor | | | | | | | |
| Approach to Pump House | | Good | Fair | Poor | | | | | | | |
| Hoisting Girder | | Yes | | No | | | | | | | |
| Boundary Wall & Gate | | Yes | | No | | | | | | | |
| Treatment of Sewage | | Yes | | No | | | | | | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | | 4909 | | | | | | | | | |
| Ultimate disposal of wastewater? | | | | | | | | | | | |
| Electro-Mechanical Equipment Details | | | | | | | | | | | |
| Number of WAPDA Feeders | | 1 | | | | | | | | | |
| Transformer Capacity (kVA) | | 200 | | | | | | | | | |
| Number of MCU | | 5 | | | | | | | | | |
| Sanctioned Load (kWh) | | 143 | | | | | | | | | |
| Power Factor Improvement Equipment | | Yes | | No | | | | | | | |
| Service Cable | | Yes | | No | | | | | | | |
| Power Wiring | | Yes | | No | | | | | | | |
| Earthing of Motor | | Yes | | No | | | | | | | |
| Earthing of MCU | | Yes | | No | | | | | | | |
| Generator Availability | | Yes | | No | | | | | | | |
| Light Wiring of Pump House | | Yes | | No | | | | | | | |
| Change Over | | Yes | | No | | | | | | | |
| Pump Detail | | | | | | | | | | | |
| | | Pump A | | Pump B | | Pump C | | Pump D | | | |
| Pump Type | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | Centrifugal/Non-Clogging | | | |
| Pump Brand | | KSB | | MECO | | MECO | | MECO | | | |
| Pump Paint | | Fair | | | | | | | | | |
| Motor Brand | | Siemens | | MECO | | MECO | | MECO | | | |
| Installation Year of Pump | | 2020 | | | | | | | | | |
| Discharge Capacity (Cusecs) | | 3 | | | | | | | | | |
| Rotational Speed (RPM) | | 960 | | | | | | | | | |
| Head (ft.) | | 50 | | | | | | | | | |
| Motor Power (HP) | | 40 | | | | | | | | | |
| Pump Daily Running Time (Hours) | | 16 | | Non-Functional | | Non-Functional | | Non-Functional | | | |
| Base Plate | | Yes No | | Yes No | | Yes No | | Yes No | | | |
| Number of Valves | | Sluice Valve | | 8 | | | | | | | |
| | | Non-Returning Valve | | 4 | | | | | | | |
| Overall Rating | | | | | | | | | | | |
| Average Score | | 1 | | 2 | | 3 | | 4 | | 5 | |
| Asset Condition | | Excellent | | Good | | Fair | | Poor | | Failing | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|--------------------------|---|---|---|
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--------------------|---|-----------|----------|-------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A7 | | Sewerage Disposal Station Asset Condition Assessment | | | Asset Code: _____ |
| | | | | | Date: 02-05-2023 |
| Asset Detail | | | | Pictures | |
| Name | | Model Town | | | |
| Location | Latitude | | 29.976654 | | |
| | Longitude | | 73.261130 | | |
| Address | | Model Town, Bahawalnagar | | | |
| Area (Acres) | | 0.3 | | | |
| Installation Year | | 1965 | | | |
| Capital Cost of Machinery | | | | | |
| Outfall Drain Sewer | Dia | 18" | | | |
| | Material | RCC | | | |
| Screening Chamber | No. of Screens | 0 | | | |
| | Screen Condition | Good | Fair | Poor | |
| | Chamber Structure | | | | |
| Wet Wells | Number | 1 | | | |
| | Shape | Rectangular | Circular | | |
| | Size | 25' | | | |
| | Structure | Masonry | RCC | | |
| Force Main | Railing | Yes | No | | |
| | No. of force mains | 1 | | | |
| | Dia | 8" | | | |
| | Material | PVC | | | |
| | Starting Point | Disposal Station | | | |
| Sullage Carrier | Ending Point | Seepage Drain | | | |
| | Length | 4600' | | | |
| | Size | No Sullage Carrier | | | |
| Shape | | | | | |
| Length | | | | | |
| Delivery Pipe | Condition | | | | |
| | Dia | 6" | | | |
| Suction Pipe | Material | C.I | | | |
| | Dia | 6" | | | |
| Number of Valves | Material | C.I | | | |
| | Sluice Valves | 2 | | | |
| | Non-Return Valves | 1 | | | |
| | Penstock Valves | 0 | | | |
| Ultimate Disposal | | Seepage Drain | | | |
| Civil Structure Condition | | Good | Fair | Poor | |
| Control Room Structure | | Good | Fair | Poor | |
| Discharge Box Structure | | Good | Fair | Poor | |





| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--------------------------|--------------------------|--------|---|---------|
| Approach to Pump House | Good | Fair | Poor | | |
| Hoisting Girder | Yes | | No | | |
| Boundary Wall & Gate | Yes | | No | | |
| Treatment of Sewage | Yes | | No | | |
| Wastewater daily discharge in m ³ /day? (based on available information at MC) | 1841 | | | | |
| Ultimate disposal of wastewater? | | | | | |
| Electro-Mechanical Equipment Details | | | | | |
| Number of WAPDA Feeders | 1 | | | | |
| Transformer Capacity (kVA) | 25 | | | | |
| Number of MCU | 1 | | | | |
| Sanctioned Load (kWh) | 20 | | | | |
| Power Factor Improvement Equipment | Yes | | No | | |
| Service Cable | Yes | | No | | |
| Power Wiring | Yes | | No | | |
| Earthing of Motor | Yes | | No | | |
| Earthing of MCU | Yes | | No | | |
| Generator Availability | Yes | | No | | |
| Light Wiring of Pump House | Yes | | No | | |
| Change Over | Yes | | No | | |
| Pump Detail | | | | | |
| | | | Pump A | | |
| Pump Type | Centrifugal/Non-Clogging | | | | |
| Pump Brand | Shehzad Pump | | | | |
| Pump Paint | Good | | | | |
| Motor Brand | Siemens | | | | |
| Installation Year of Pump | 2021 | | | | |
| Discharge Capacity (Cusecs) | 1.5 | | | | |
| Rotational Speed (RPM) | 960 | | | | |
| Head (ft.) | 50 | | | | |
| Motor Power (HP) | 20 | | | | |
| Pump Daily Running Time (Hours) | 12 | | | | |
| Base Plate | Yes | | No | | |
| Number of Valves | Sluice Valve | 2 | | | |
| | Non-Returning Valve | 1 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|-------------------------------|--|
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |

B. Sewerage Network


| Sr # | Dia | Length (meter) | Age (Years) | Condition | Material | Book Value (PKR Mil) |
|------|-----|----------------|-------------|-----------|----------|----------------------|
| 1 | 9" | 5250 | 23 | Poor | RCC | 0.4 |
| 2 | 12" | 20324 | | | | 1.7 |
| 3 | 15" | 5621 | | | | 0.6 |
| 4 | 18" | 4612 | | | | 0.5 |
| 5 | 21" | 3172 | | | | 0.5 |
| 6 | 24" | 2514 | | | | 0.6 |
| 7 | 27" | 1753 | | | | 0.5 |
| 8 | 30" | 869 | | | | 0.2 |
| 9 | 33" | 607 | | | | 0.3 |
| 10 | 36" | 4040 | | | | 1.7 |
| 11 | 48" | 1684 | | | | 0.9 |
| 12 | 9" | 3341 | 13 | Good | RCC | 1.4 |
| 13 | 12" | 12933 | | | | 5.1 |
| 14 | 15" | 3577 | | | | 1.8 |
| 15 | 18" | 2935 | | | | 1.7 |
| 16 | 21" | 2019 | | | | 1.4 |
| 17 | 24" | 1600 | | | | 1.3 |
| 18 | 27" | 1116 | | | | 1.4 |
| 19 | 30" | 553 | | | | 1.1 |
| 20 | 33" | 386 | | | | 0.8 |
| 21 | 36" | 2571 | | | | 5.8 |
| 22 | 48" | 1071 | | | | 2.9 |
| 23 | 9" | 1909 | 9 | Excellent | RCC | 1.2 |
| 24 | 12" | 7391 | | | | 4.7 |
| 25 | 15" | 2044 | | | | 1.6 |
| 26 | 18" | 1677 | | | | 1.5 |
| 27 | 21" | 1154 | | | | 1.4 |
| 28 | 24" | 914 | | | | 1.3 |
| 29 | 27" | 638 | | | | 1.1 |
| 30 | 30" | 316 | | | | 0.9 |
| 31 | 33" | 221 | | | | 1 |
| 32 | 36" | 1469 | | | | 7.4 |
| 33 | 48" | 612 | | | | 6 |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|---|--|------------|-----------------|---------------------------------------|-------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A6 | Sewerage Network Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Description | Area (Acres) | | | Percentage | |
| Served Area | 1362 | | | 26 | |
| Flooded Area | 203 | | | 15 | |
| Unserved Area | 4078 | | | 74 | |
| Type and number of complaints received to MC regarding sewerage system? | 51 (Blockage) | | | | |
| Steps considered by MC to resolve the complaints | | | | | |
| Pipe Dia (inches) | Pipe Material | Length (m) | No. of Manholes | Year of Laying | Age of Pipe |
| 9 | RCC | 5250 | 344 | 2000 | 23 |
| 12 | RCC | 20324 | 667 | 2000 | 23 |
| 15 | RCC | 5621 | 123 | 2000 | 23 |
| 18 | RCC | 4612 | 76 | 2000 | 23 |
| 21 | RCC | 3172 | 42 | 2000 | 23 |
| 24 | RCC | 2514 | 33 | 2000 | 23 |
| 27 | RCC | 1753 | 23 | 2000 | 23 |
| 30 | RCC | 869 | 11 | 2000 | 23 |
| 33 | RCC | 607 | 8 | 2000 | 23 |
| 36 | RCC | 4040 | 53 | 2000 | 23 |
| 48 | RCC | 1684 | 14 | 2000 | 23 |
| 9" | RCC | 3341 | 219 | 2010 | 13 |
| 12" | RCC | 12933 | 424 | 2010 | 13 |
| 15" | RCC | 3577 | 78 | 2010 | 13 |
| 18" | RCC | 2935 | 48 | 2010 | 13 |
| 21" | RCC | 2019 | 26 | 2010 | 13 |
| 24" | RCC | 1600 | 21 | 2010 | 13 |
| 27" | RCC | 1116 | 15 | 2010 | 13 |
| 30" | RCC | 553 | 7 | 2010 | 13 |
| 33" | RCC | 386 | 5 | 2010 | 13 |
| 36" | RCC | 2571 | 34 | 2010 | 13 |
| 48" | RCC | 1071 | 9 | 2010 | 13 |
| 9" | RCC | 1909 | 125 | 2014 | 9 |
| 12" | RCC | 7391 | 242 | 2014 | 9 |
| 15" | RCC | 2044 | 45 | 2014 | 9 |
| 18" | RCC | 1677 | 28 | 2014 | 9 |
| 21" | RCC | 1154 | 15 | 2014 | 9 |
| 24" | RCC | 914 | 12 | 2014 | 9 |
| 27" | RCC | 638 | 8 | 2014 | 9 |
| 30" | RCC | 316 | 4 | 2014 | 9 |
| 33" | RCC | 221 | 3 | 2014 | 9 |
| 36" | RCC | 1469 | 19 | 2014 | 9 |
| 48" | RCC | 612 | 5 | 2014 | 9 |
| Remarks / Requirements | | | | | |
| • No remarks | | | | | |

| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A6 | Sewerage Network Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |

C. Vehicles/ Machinery

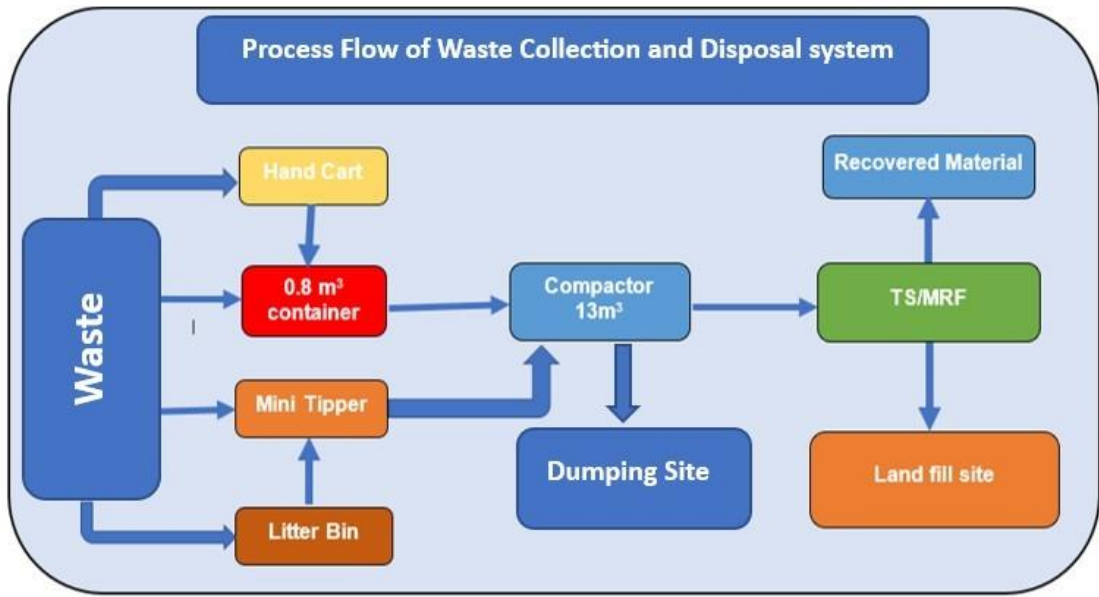
| Sr # | Name | Registration Number | Age (Years) | Condition | Capacity | Status | Book Value (PKR Mil) |
|------|--------------------------------|---------------------|-------------|-----------|---------------|------------|----------------------|
| 1 | Suction Machine | TMA-7 | 16 | Fair | 6000 CC | Functional | 1.1 |
| 2 | Jetting Machine | TMA-8 | 16 | Fair | 6000 CC | Functional | 1.1 |
| 3 | De Watering Sets (6 Nos) | - | - | Good | | Functional | Not Available |
| 4 | Shoulder Foggers(6 Nos) | Not Applicable | 10 | Fair | Not Available | Functional | Not Available |
| 5 | Spray Pumps (15 Nos) | Not Applicable | 10 | Fair | Not Available | Functional | Not Available |
| 6 | Safety Gear (17 Nos) | Not Applicable | 10 | Fair | Not Available | Functional | Not Available |
| 7 | Sewer Safety Equipment (2 Nos) | Not Applicable | 10 | Fair | Not Available | Functional | Not Available |

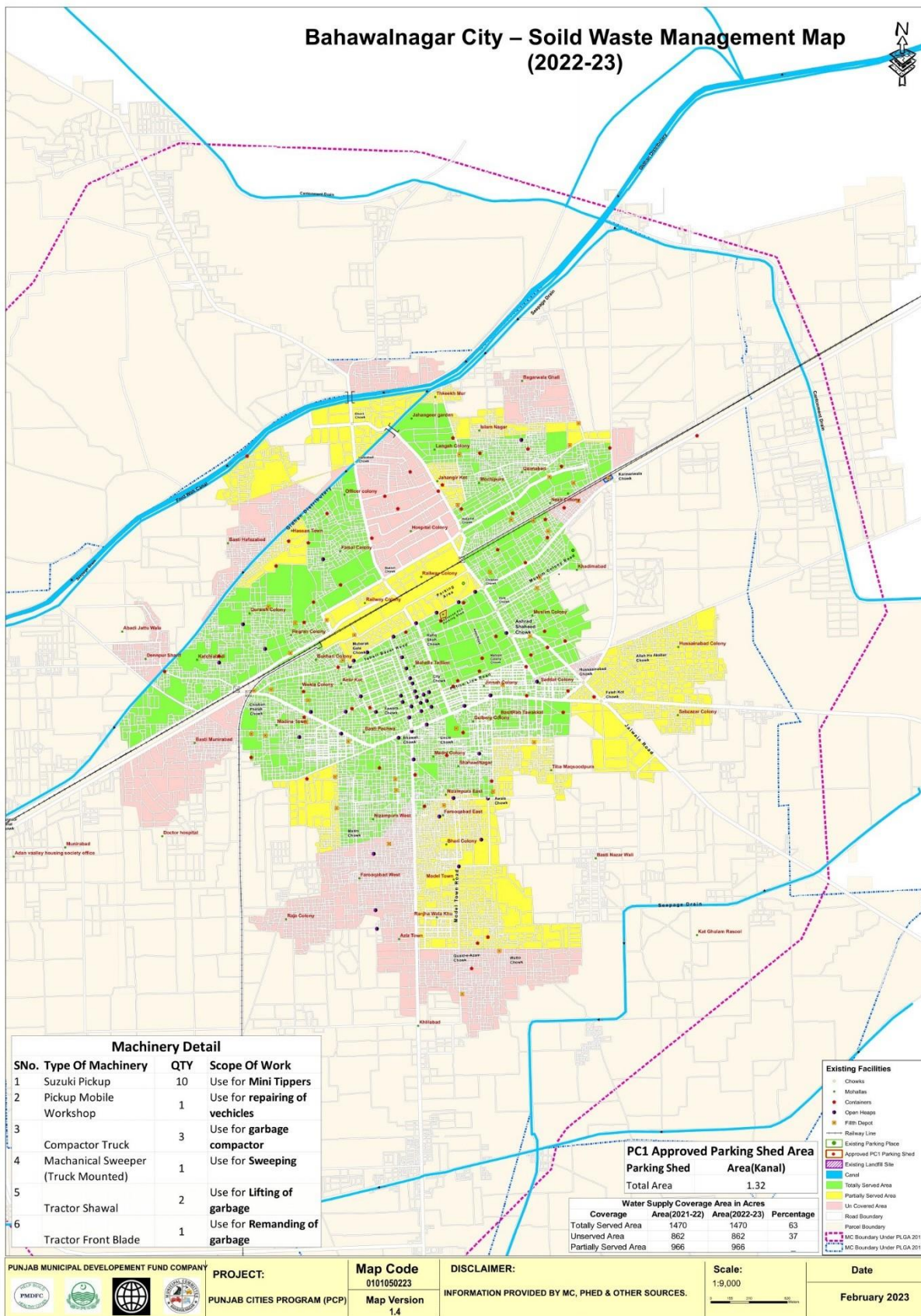
| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|--|---------------------------------------|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Type of Vehicle / Machinery | Pictures | |
| Sucker & Jetting Machine |  | |
| | Suction Machine | Jetting Machine |

| | | |
|--|---------------------------------|--|
| Capacity | 4500 liters | 4500 liters |
| Purpose | Suction | Jetting |
| Year of Manufacturing | 2007 | 2007 |
| Model | PKB 211 | PKB 211 |
| Capital Cost | | |
| Fuel Consumption (Lt) | 766 | 602 |
| Condition | Fair | Fair |
| Engine Capacity | 6000 CC | 6000 CC |
| Maintenance Cost | Not Available | Not Available |
| Oiling /Fitness | Yes | Yes |
| Fitness Certificate | No | No |
| Registered | No Registration | No Registration |
| Overall Rating | Fair | Fair |
| Remarks / Requirements | | |
| <ul style="list-style-type: none"> No remarks | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |

3. Solid Waste Management


Key Components of Solid Waste Management System







A. Dumping Site

| Sr # | Name | Age (Years) | Area | Condition | Status | Book Value (PKR Mil) |
|------|--------------------------------|-------------|------|-----------|------------|----------------------|
| 1 | Landfill Site Mutiana Chowk | 12 | 9 | Good | Functional | 432 |



| Integrated Development And Asset Management Plan (IDAMP) | | | | | | |
|--|-----------|--|-----------|---|---------------------------------------|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A11 | | Solid Waste Dumping Site Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Landfill Site | | Pictures | | |
| Location | Latitude | 30.010315 | |  | | |
| | Longitude | 73.271115 | | | | |
| Address | | Near Mutiana Chowk, Arifwala road | | | | |
| Area (Acres) | | 9 | | | | |
| Distance from urban area | | 07 km | | | | |
| Year the site started for dumping service | | 2011 | | | | |
| Average waste dumped daily (based on information provided by MC) | | Not Available | | | | |
| EHS SOPs for waste handlers | | No | | | | |
| Availability of PPEs for waste collectors/handlers | | Yes | No | | | |
| Expected Life (Years) | | 5 | | | | |
| Land Ownership | | Private | | | | |
| Site Accessibility | | Good | | | | |
| Surface Type | | Flat | Depressed | | | |
| Approach Road Condition | | Good | Fair | Poor | | |
| Parking Shed | | Yes | No | | | |
| Boundary Wall | | Yes | No | | | |
| Gate | | Yes | No | | | |
| Ramps | | Yes | No | | | |
| Any Building at Site | | Yes | No | | | |
| Weigh Bridge | | Yes | No | | | |
| Earth Cover Arrangements | | Yes | No | | | |
| Compaction Equipment | | Yes | No | | | |
| Plantation Around Site | | Yes | No | | | |
| Any illegal occupants or encroachments observed-if yes, type | | No | | | | |


| Overall Rating | | | | | |
|--|-----------|--------------------------|------|---|---------|
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |


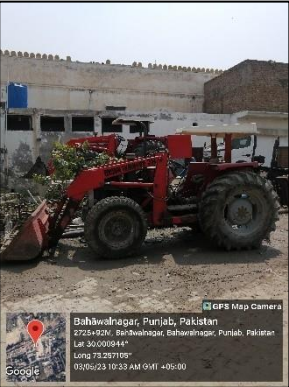

B. Vehicles/ Machinery


| Sr # | Name | Registration Number | Quantity | Age (Years) | Condition | Capacity | Status | Book Value (PKR Mil) |
|------|---------------------|---------------------|----------|-------------|-----------|----------|----------------|----------------------|
| 1 | Rickshaw | Loader Rickshaw #11 | 1 | 23 | Poor | 16 HP | Functional | 0.05 |
| 2 | MILLAT | BNE 6788 | 1 | 24 | Poor | 50 HP | Non-Functional | 0.15 |
| 3 | MILLAT | BNE 6791 | 1 | 24 | Poor | 50 HP | Non-Functional | 0.15 |
| 4 | AGTL | TMA-1 | 1 | 11 | Fair | 85 HP | Functional | 0.2 |
| 5 | AGTL | TMA-2 | 1 | 10 | Fair | 55 HP | Non-Functional | 0.3 |
| 6 | AGTL | TMA-3 | 1 | 10 | Fair | 55 HP | Functional | 0.3 |
| 7 | MILLAT | TMA-4 | 1 | 11 | Fair | 85 HP | Non-Functional | 0.2 |
| 8 | MILLAT | TMA-5 | 1 | 11 | Fair | 85 HP | Functional | 0.2 |
| 9 | Truck-Hino | Hino-1 | 1 | 11 | Fair | 4009 CC | Functional | 0.4 |
| 10 | Truck-Hino | Hino-2 | 1 | 11 | Fair | 4009 CC | Non-Functional | 0.4 |
| 11 | Truck-Hino | Hino-3 | 1 | 11 | Fair | 4009 CC | Non-Functional | 0.4 |
| 12 | Truck-Hino | Hino-4 | 1 | 11 | Fair | 4009 CC | Functional | 0.4 |
| 13 | MILLAT | MF 385 | 1 | 12 | Fair | 85 HP | Functional | 0.2 |
| 14 | MILLAT | BNJ 1021 | 1 | 24 | Poor | 50 HP | Functional | 0.1 |
| 15 | MILLAT | BNE 6787 | 1 | 12 | Fair | 50 HP | Functional | 0.2 |
| 16 | Front Blade Tractor | Not Registered | 1 | 11 | Fair | 85 Hp | Functional | |
| 17 | Front End Loader 1 | BNJ 1021 | 1 | 12 | Fair | 85 Hp | Functional | |
| 18 | Front End Loader 2 | Not Registered | 1 | 11 | Fair | 85 Hp | Functional | |
| 19 | Road Prince | Loader Rickshaw #10 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 20 | Road Prince | Loader Rickshaw #9 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 21 | Road Prince | Loader Rickshaw #8 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 22 | Road Prince | Loader Rickshaw #7 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 23 | Road Prince | Loader Rickshaw #6 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 24 | Road Prince | Loader Rickshaw #5 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 25 | Road Prince | Loader Rickshaw #4 | 1 | 6 | Good | 150 CC | Functional | 0.1 |




| Sr # | Name | Registration Number | Quantity | Age (Years) | Condition | Capacity | Status | Book Value (PKR Mil) |
|------|--|---------------------|----------|---------------|-----------|------------------------------|-------------------------------|----------------------|
| 26 | Road Prince | Loader Rickshaw #3 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 27 | Road Prince | Loader Rickshaw #2 | 1 | 6 | Good | 150 CC | Functional | 0.1 |
| 28 | Road Prince | Loader Rickshaw #1 | 1 | 6 | Good | 151 CC | Functional | 0.1 |
| 29 | MILLAT | BNJ 1023 | 1 | 14 | Fair | 50 HP | Functional | 0.15 |
| 30 | 4-5 m3 containers (Total 65) | Not Available | 65 | Not Available | Good | 4 cubic meter, 5 Cubic meter | Total 65 (30 Requires Repair) | Not Available |
| 31 | Garbage Compactor 8 cubic meter capacity Truck | Not Available | 3 | 1 | Excellent | 8 cubic meter | Functional | 7.7 |
| 32 | Truck mounted vaccume sweeper 4 m ³ | Not Available | 1 | 1 | Excellent | 4 m ³ | Functional | 147.6 |
| 33 | Mini tippers 1 cubic meter Suzuki Pickup | Not Available | 10 | 1 | Excellent | Not Available | Functional | 1.9 |
| 34 | Mobile workshop Suzuki Bolan | Not Available | 1 | 1 | Excellent | Not Available | Functional | 2.0 |
| 35 | Front Blade tractor 385HP/4WD | Not Available | 1 | 1 | Excellent | 385HP/4WD | Functional | 3.1 |
| 36 | Front end loader 385HP/4WD | Not Available | 2 | 1 | Excellent | 385HP/4WD | Functional | 4.0 |
| 37 | Garbage Containers 0.8 cubic meter | Not Available | 200 | 1 | Excellent | 0.8 cubic meter | Functional | 0.1 |
| 38 | Hand cart waste tipping trolley | Not Available | 25 | 1 | Excellent | Not Available | Functional | 0.1 |
| 39 | Hand cart conventional | Not Available | 82 | 1 | Excellent | Not Available | Functional | 0.1 |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | |
|--|--|-------------------------|--------------------------|-------------------------|---------------------------------------|---|-------------------------|-------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | | | Asset Code: _____ Date: 02-05-2023 | | | |
| Type of Vehicle / Machinery | Pictures | | | | | | | |
| Tractor-Millat |  | | | | | | | |
| | Tractor- Millat 1 | Tractor- Millat 2 | Tractor- Millat 3 | Tractor- Millat 4 | Tractor- Millat 5 | Tractor- Millat 6 | Tractor- Millat 7 | Tractor- Millat 8 |
| Capacity | 50HP | 50HP | 85HP | 50HP | 50HP | 50HP | 50HP | 50HP |
| Purpose | SWM | SWM | SWM | SWM | SWM | SWM | SWM | SWM |
| Year of Manufacturing | 1999 | 1999 | 2012 | 2012 | 2011 | 1999 | 2011 | 2009 |
| Model | MF240 | MF240 | MF385 | MF240 | MF240 | MF240 | MF240 | MF240 |
| Capital Cost | | | | | | | | |
| Fuel Consumption (Lt) | Non-Functional | Non-Functional | Non-Functional | 507 | 549 | 244 | 310 | 307 |
| Condition | Poor | Poor | Fair | Fair | Fair | Poor | Fair | Fair |
| Engine Capacity | 50HP | 50HP | 85HP | 50HP | 50HP | 50HP | 50HP | 50HP |
| Maintenance Cost | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| Oiling /Fitness | No | No | No | Yes | Yes | Yes | Yes | Yes |
| Fitness Certificate | No | No | No | No | No | No | No | No |
| Registered | BNE 6788 | BNE 6791 | Not Registered | Not Registered | BNJ 1021 | BNE 6787 | BNJ 1022 | BNJ 1023 |
| Overall Rating | Poor | Poor | Fair | Fair | Fair | Poor | Fair | Fair |
| Remarks / Requirements | | | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | | | |
| Data Collected By: Mr. Abdullah | | | Designation: Team Member | | |  Sign & Date: 30 May 2023 | | |

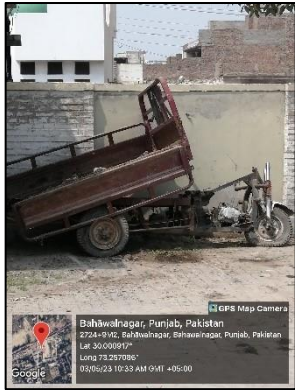


| | | |
|------------------------------|------------------------|---|
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |
|------------------------------|------------------------|---|

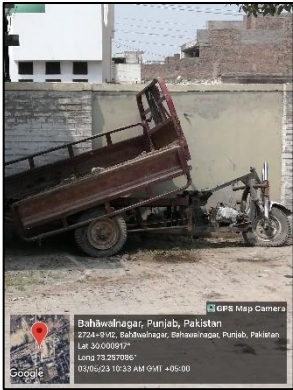

| Integrated Development and Asset Management Plan (IDAMP) | | | |
|--|---|---|---------------------------------------|
| Municipal Committee Bahawalnagar | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 |
| Type of Vehicle / Machinery | Pictures | | |
| Tractor-FIAT | <div style="display: flex; justify-content: space-around;">   </div> | | |
| | Tractor-FIAT 1 | Tractor-FIAT 2 | Tractor-FIAT 3 |
| Capacity | 85HP | 55HP | 55HP |
| Purpose | SWM | SWM | SWM |
| Year of Manufacturing | 2012 | 2013 | 2013 |
| Model | Fiat NH640 | Fiat NH480 | Fiat NH480 |
| Capital Cost | | | |
| Fuel Consumption (Lt) | 255 | Non-Functional | 405 |
| Condition | Fair | Fair | Fair |
| Engine Capacity | 85HP | 55HP | 55HP |
| Maintenance Cost | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | No | Yes |
| Fitness Certificate | No | No | No |
| Registered | Not Registered | Not Registered | Not Registered |
| Overall Rating | Fair | Fair | Fair |
| Remarks / Requirements | | | |
| <ul style="list-style-type: none"> No remarks | | | |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 | |


| | | |
|-------------------------------------|-------------------------------|--|
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |
|-------------------------------------|-------------------------------|--|

| Integrated Development and Asset Management Plan (IDAMP) | | | |
|--|--|---------------------------------------|---|
| Municipal Committee Bahawalnagar | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 | |
| Type of Vehicle / Machinery | Pictures | | |
| Tractor |  | | |
| | Front Blade Tractor | Front End Loader 1 | Front End Loader 2 |
| Capacity | 85HP | 85HP | 85HP |
| Purpose | SWM | SWM | SWM |
| Year of Manufacturing | 2012 | 2011 | 2012 |
| Model | MF385 | MF385 | MF385 |
| Capital Cost | | | |
| Fuel Consumption (Lt) | 245 | 225 | 260 |
| Condition | Fair | Fair | Fair |
| Engine Capacity | 85HP | 55HP | 55HP |
| Maintenance Cost | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | No | Yes |
| Fitness Certificate | No | No | No |
| Registered | Not Registered | BNJ 1021 | Not Registered |
| Overall Rating | Fair | Fair | Fair |
| Remarks / Requirements | | | |
| <ul style="list-style-type: none"> No remarks | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|--|------------------|---|------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Type of Vehicle / Machinery | Pictures | | | |
| Truck-HINO |  | | | |
| | Truck- Hino 1 | Truck- Hino 2 | Truck- Hino 3 | Truck- Hino 4 |
| Capacity (Volume) | 8 m ³ | 8 m ³ | 8 m ³ | 8 m ³ |
| Purpose | SWM | SWM | SWM | SWM |
| Year of Manufacturing | 2012 | 2012 | 2012 | 2012 |
| Model | Hino 300 | Hino 300 | Hino 300 | Hino 300 |
| Capital Cost | | | | |
| Fuel Consumption (Lt) | 654 | Non-Functional | Non-Functional | 510 |
| Condition | Fair | Fair | Fair | Fair |
| Engine Capacity | 4009 CC | 4009 CC | 4009 CC | 4009 CC |
| Maintenance Cost | Not Available | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | No | No | Yes |
| Fitness Certificate | No | No | No | No |
| Registered | Not Registered | Not Registered | Not Registered | Not Registered |
| Overall Rating | Fair | Fair | Fair | Fair |
| Remarks / Requirements | | | | |
| <ul style="list-style-type: none"> No remarks | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> | |  Sign & Date: 30 May 2023 | |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> | |  Sign & Date: 30 May 2023 | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|--------------------------|--------------------|---|--------------------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Type of Vehicle / Machinery | Pictures | | | | |
| Loader Rickshaw |  | | | | |
| | Loader Rickshaw 1 | Loader Rickshaw 2 | Loader Rickshaw 3 | Loader Rickshaw 4 | Loader Rickshaw 5 |
| Capacity | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ |
| Purpose | SWM | SWM | SWM | SWM | SWM |
| Year of Manufacturing | 2017 | 2017 | 2017 | 2017 | 2017 |
| Model | RP150-LD | RP150-LD | RP150-LD | RP150-LD | RP150-LD |
| Capital Cost | | | | | |
| Fuel Consumption (Lt) | 82 | 82 | 85 | 86 | 82 |
| Condition | Good | Good | Good | Good | Good |
| Engine Capacity | 150 CC | 150 CC | 150 CC | 150 CC | 150 CC |
| Maintenance Cost | Not Available | Not Available | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | Yes | Yes | Yes | Yes |
| Fitness Certificate | No | No | No | No | No |
| Registered | Not Registered | Not Registered | Not Registered | Not Registered | Not Registered |
| Overall Rating | Good | Good | Good | Good | Good |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|--|--|----------------------|----------------------|---|-----------------------|-----------------------|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | |
| Type of Vehicle / Machinery | Pictures | | | | | |
| Loader Rickshaw |  | | | | | |
| | Loader Rickshaw 6 | Loader Rickshaw 7 | Loader Rickshaw 8 | Loader Rickshaw 9 | Loader Rickshaw 10 | Loader Rickshaw 11 |
| Capacity | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ | 1.5 m ³ |
| Purpose | SWM | SWM | SWM | SWM | SWM | SWM |
| Year of Manufacturing | 2017 | 2017 | 2017 | 2017 | 2017 | 2000 |
| Model | RP150-LD | RP150-LD | RP150-LD | RP150-LD | RP150-LD | Not Available |
| Capital Cost | | | | | | |
| Fuel Consumption (Lt) | 82 | 82 | 85 | 86 | 82 | 158 |
| Condition | Good | Good | Good | Good | Good | Poor |
| Engine Capacity | 150 CC | 150 CC | 150 CC | 150 CC | 150 CC | 16 HP |
| Maintenance Cost | Not Available | Not Available | Not Available | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | Yes | Yes | Yes | Yes | Yes |
| Fitness Certificate | No | No | No | No | No | No |
| Registered | Not Registered | Not Registered | Not Registered | Not Registered | Not Registered | Not Registered |
| Overall Rating | Good | Good | Good | Good | Good | Poor |
| Remarks / Requirements | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | |
| Data Collected By: Mr. Abdullah | Designation: Team Member | | |  Sign & Date: 30 May 2023 | | |



| | | |
|-------------------------------------|-------------------------------|--|
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |
|-------------------------------------|-------------------------------|--|

4. Building

A. Offices

| Sr # | Name | Age (Years) | Condition | Status | Book Value (PKR Mil) | Area Acre |
|------|-------------|-------------|-----------|------------|----------------------|-----------|
| 1 | MC Building | 51 | Fair | Functional | 180 | 1.25 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|---|-----------|-------------------------------------|----|---|--|--|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A14 | | Building Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | | |
| Name | | MC Building | | Pictures | | |
| Location | Latitude | 29.998752 | |  <p>Bahawalnagar, Punjab, Pakistan Hussalnabad sharki Tehsil o Zillah, X7X4+F6W, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 29.998752° Long 73.255591° 03/05/23 12:13 PM GMT +05:00</p> | | |
| | Longitude | 73.255591 | | | | |
| Address | | Rafique Shah Chowk | | | | |
| Year of Construction | | 1972 | | | | |
| Land Area (Acres) | | 10 | | | | |
| No. of Stories | | 1 | | | | |
| Condition | | Fair | | | | |
| Purpose | | Administration | | | | |
| No. of Staff | | 529 | | | | |
| No. of Rooms | | 28 | | | | |
| Conference/Meeting Room | | Yes | No | | | |
| Store Room | | Yes | No | | | |
| Study Room/Book Shelf | | Yes | No | | | |
| Boundary Wall | | Yes | No | | | |
| Heating & Cooling Arrangement | | Yes | No | | | |
| Parking Lots | | Yes | No | | | |
| Drinking Water Facilities | | Yes | No | | | |
| Availability and quality of water (based on available water quality test reports) | | Yes | No | | | |
| Washrooms / Sewerage System | | Yes | No | | | |
| Separate Washroom for Ladies | | Yes | No | | | |
| Prayers Area/room | | Yes | No | | | |
| Furniture | | Yes | No | | | |
| Electric Appliances (Fans Etc.) | | Yes | No | | | |
| Machinery & Equipment | | Yes | No | | | |
| Sports Club | | Yes | No | | | |
| Staff Attendance System | | Yes | No | | | |
| Emergency Alarm System | | Yes | No | | | |
| Fire Fighting System / Equipment | | Yes | No | | | |
| Ramps for wheel chairs at entry gate | | Yes | No | | | |
| Security Guard | | Yes | No | | | |
| Park/lawn outdoor/indoor plantation | | Yes | No | | | |
| | | | |  <p>Bahawalnagar, Punjab, Pakistan Hussalnabad sharki Tehsil o Zillah, X7X4+F6W, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 29.998752° Long 73.255591° 03/05/23 12:13 PM GMT +05:00</p> | | |
| | | | |  <p>Bahawalnagar, Punjab, Pakistan X7X4+F6X, Baldia Rd, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 29.998649° Long 73.25572° 03/05/23 12:12 PM GMT +05:00</p> | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|--|--------------------------|------|---|---------|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A14 | Building Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | |  Sign & Date: 30 May 2023 | |

B. Library

| Sr # | Name | Age (Years) | Condition | Status | Area Acre |
|------|------------|-------------|-----------|--------|---------------|
| 1 | MC Library | | Abandoned | | Not Available |

C. Residential Buildings

| Sr # | Location | Age (Years) | Condition | Total |
|------|---|---------------|-----------|-------|
| 1 | Quid e Milat Road Bahawalnagar | Not Available | Fair | 1 |
| 2 | Mouza Bahawalnagar Eid Gah Road Bahawalnagar | Not Available | Fair | 1 |
| 3 | Mouza mandi BWN MND Bye Pass Road Bahawalnagar | Not Available | Fair | 1 |
| 4 | Mulazim Colony Baldia Road Bahawalnagar | Not Available | Fair | 16 |
| 5 | Mulazim Colony Eid Gah Road Bahawalnagar | Not Available | Fair | 4 |
| 6 | Mouza Amar Singh Sani Chishtian Road Bahawalnagar | Not Available | Fair | 1 |
| 7 | Quraish Colony Bahawalnagar | Not Available | Fair | 1 |
| 8 | Model Town Water Works Bahawalnagar | Not Available | Fair | 2 |
| 9 | Mouza Rojhanwali Bahawalnagar | Not Available | Fair | 2 |

D. Shops

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|---------------------------------|-------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|--|--|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | Shop Asset Condition Assessment | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 1 | 9002 | Baldia Road Bahawalnagar | 29.99772854 | 73.255517 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Dr. Maqsood Ahmad Baloch | Freshly, cylinder gass, jazz franchise |
| 2 | 19008 | Minchanabad Road Bahawalnagar | 30.00730311 | 73.2676372 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Amjad | Agricultural parts |
| 3 | 20004 | Minchanabad Road Bahawalnagar | 30.00793096 | 73.2683007 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Fazilat UI Nisa W/o Mushtaq, Abdul Rasheed | Aluminum works |
| 4 | 12013 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99990827 | 73.25632041 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Aziz UI Rehman | Architect |
| 5 | 6011 | Quaid-e-Milat Road Bahawalnagar | 30.00258918 | 73.26044158 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Iqbal | Arms Repairing |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|--------------------|------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 6 | 17005 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00021099 | 73.25670404 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Abdul Hafeez | Asia Cargo |
| 7 | 25001 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99891256 | 73.2622636 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Nasir | Auto Electrician |
| 8 | 1025 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99938123 | 73.25214918 | 156 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Rafique | Auto shop |
| 9 | 25002 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99927333 | 73.26236229 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ameer | Auto shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|----------------------------------|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-------------------|--------------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 10 | 31001 | Quaid-e-Milat Road Bahawalnagar | 30.00343238 | 73.25993146 | 1504 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shaukat Ali | Auto Spare Parts |
| 11 | 24001 | Quaid-e-Milat Road Bahawalnagar | 30.00218229 | 73.26060323 | 391 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Abubakar | Auto Spare Parts |
| 12 | 24002 | Quaid-e-Milat Road Bahawalnagar | 30.00237159 | 73.26094419 | 391 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Maqsood | Auto Spare Parts |
| 13 | 19002 | Minchanabad Road Bahawalnagar | 30.00629612 | 73.2661809 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Mushtaq | Auto spare parts |
| 14 | 30009 | Quaid-e-Milat Road Bahawalnagar | 30.00338243 | 73.25983518 | 900 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Liaqat Ali | Auto Spare Parts and Pesticide |
| 15 | 25003 | Nilam Cinema Chowk Muslim Colony | 29.99927172 | 73.26236318 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Hanif | Auto Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-------------------|---------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 16 | 3012 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00384007 | 73.25955255 | 216 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shareef | Auto Workshop |
| 17 | 3022 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00352417 | 73.2597758 | 300 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Haji Jan Muhammad | Auto Workshop |
| 18 | 3019 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00352429 | 73.25977609 | 276 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Tariq Mansoor | Auto Workshop |
| 19 | 30010 | Quaid-e-Milat Road Bahawalnagar | 30.00368751 | 73.26022848 | 1225 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zulfiqar Ali | Auto Workshop |
| 20 | 30004 | Dilshad Market Quaid-e- | 30.00382466 | 73.25962137 | 5394 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mubarik Ali | Auto Workshop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|---------------|-------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Milat Road Bahawalnagar | | | | | | | | | | | | |
| 21 | 8014 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99953191 | 73.25518012 | 241 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Irshad Ahmad | Backery |
| 22 | 8019 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99952649 | 73.25520515 | 241 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Irshad Ahmad | Bakery |
| 23 | 12017 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99982954 | 73.25622325 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ameer Mavia | Bar B Que |
| 24 | 12019 | Municipal Shopping Center Thana Sadar Road | 29.99981927 | 73.25614595 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rasheed Ahmad | Barbar Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|---------------------------------|-------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|------------------|-----------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | Shop Asset Condition Assessment | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 25 | 12014 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99990113 | 73.25631333 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mehmood Iqbal | Barbar Shop |
| 26 | 11031 | Khan Baba Road Bahawalnagar | 29.99310324 | 73.25376391 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Rafique | Barbar Shop |
| 27 | 1027 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99957128 | 73.25243403 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Siddiq | Barber shop |
| 28 | 30003 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.0038197 | 73.25964886 | 5394 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ayyub | Bardana |
| 29 | 8001 | Municipal Market Tehsil | 29.99973923 | 73.2556533 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Munir | Bargar Showarma |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---------------------------------|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-----------------------|---------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bazar Road Bahawalnagar | | | | | | | | | | | | |
| 30 | 6005 | Quaid-e-Milat Road Bahawalnagar | 30.0016848 | 73.26093208 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sabir Ali | Battery shop |
| 31 | 5016 | Quaid-e-Milat Road Bahawalnagar | 30.00181773 | 73.26104681 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashfaq Javed | Battery shop |
| 32 | 5019 | Quaid-e-Milat Road Bahawalnagar | 30.00192908 | 73.26103134 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rahat & Co. | Battery Shop |
| 33 | 5020 | Quaid-e-Milat Road Bahawalnagar | 30.0016735 | 73.26096707 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rahat & Co. | Battery Shop |
| 34 | 5015 | Quaid-e-Milat Road Bahawalnagar | 30.00188923 | 73.26099763 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashfaq Javed | Battery shop |
| 35 | 5012 | Quaid-e-Milat Road Bahawalnagar | 30.00127263 | 73.26095189 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Saleem | Battery Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|---------------------|------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 36 | 8003 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99941377 | 73.25520589 | 241 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mirza Irfan | Book Depot |
| 37 | 15019 | Baldia Road Bahawalnagar | 29.99879538 | 73.25475412 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zahid Mehmood | Book dipu store |
| 38 | 12012 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99987838 | 73.2563384 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Akbar | Book shop |
| 39 | 23003 | Baldia Road Bahawalnagar | 29.99914721 | 73.25507372 | 431 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Mustafa Gull | Book shop |
| 40 | 19011 | Minchanabad Road Bahawalnagar | 30.00743066 | 73.26774238 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | Building Material Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|-------------------------------|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-----------------|------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 41 | 19013 | Minchanabad Road Bahawalnagar | 30.00764962 | 73.26789639 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mehmood Akhtar | Building Material Shop |
| 42 | 19014 | Minchanabad Road Bahawalnagar | 30.00765497 | 73.26790897 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mehmood Akhtar | Building Material Shop |
| 43 | 19018 | Minchanabad Road Bahawalnagar | 30.00771432 | 73.26810308 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Rehman | Building Material Shop |
| 44 | 19024 | Minchanabad Road Bahawalnagar | 30.00785612 | 73.26824548 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Furqan Ahmad | Building Material Shop |
| 45 | 19027 | Minchanabad Road Bahawalnagar | 30.00802845 | 73.26834725 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Siddiq | Building Material Shop |
| 46 | 19028 | Minchanabad Road Bahawalnagar | 30.00802054 | 73.26835312 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sarfraz Ahmad | Building Material Shop |
| 47 | 19033 | Minchanabad Road | 30.00836334 | 73.26868475 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Bahsir Ahmad | Building Material Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-----------------|------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 48 | 19034 | Minchanabad Road Bahawalnagar | 30.00837257 | 73.26873162 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Abid | Building Material Shop |
| 49 | 19023 | Minchanabad Road Bahawalnagar | 30.00785612 | 73.26824548 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Qari Sultan | Building Metrial |
| 50 | 19006 | Minchanabad Road Bahawalnagar | 30.00626762 | 73.26600997 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Muhammad | Burger & Shuarma shop |
| 51 | 12020 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99978131 | 73.25610133 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | Burger Shop |
| 52 | 30002 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00358022 | 73.25977548 | 202 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ashraf Ali | Car Showroom |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 53 | 30008 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00414241 | 73.25934999 | 2946 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Younas | Car Showroom |
| 54 | 30012 | Quaid-e-Milat Road Bahawalnagar | 30.00322924 | 73.26012716 | 4602 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Salah Ud Din | Car Showroom |
| 55 | 19019 | Minchanabad Road Bahawalnagar | 30.00771537 | 73.26808556 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Afzal | Car Showroom |
| 56 | 19020 | Minchanabad Road Bahawalnagar | 30.00776672 | 73.26810145 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Azizan Bibi | Car Showroom |
| 57 | 19021 | Minchanabad Road Bahawalnagar | 30.00776672 | 73.26810145 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Inayat Begum | Car Showroom |
| 58 | 18012 | Minchanabad Road Bahawalnagar | 30.0078042 | 73.26811764 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nasreen Akther | Car Showroom |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--------------------------------------|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-------------------|---------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 59 | 28001 | Bypass Minchanabad Road Bahawalnagar | 30.00936686 | 73.27139001 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Fateh Khan | Cargo Service |
| 60 | 28002 | Bypass Minchanabad Road Bahawalnagar | 30.00938276 | 73.27134562 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Bashir Ahmad | Cargo Service |
| 61 | 28003 | Bypass Minchanabad Road Bahawalnagar | 30.00907843 | 73.27138108 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rana Sardar | Cargo Service |
| 62 | 28004 | Bypass Minchanabad Road Bahawalnagar | 30.00892974 | 73.27122964 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rana Abdul Ghafar | Cargo Service |
| 63 | 28012 | Bypass Minchanabad Road Bahawalnagar | 30.00740376 | 73.27133247 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazir Ahmad | Cargo Service |
| 64 | 19007 | Minchanabad Road | 30.00720903 | 73.26771717 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Siddiq | Cement shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-----------------------|----------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 65 | 2012 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99985374 | 73.25315483 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Manzoor Ahmad | Ceramics |
| 66 | 11019 | Khan Baba Road Bahawalnagar | 29.99421338 | 73.25462632 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ibrahim Babu | Chemical House |
| 67 | 2008 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99973371 | 73.25287103 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Toheed | Chicken Shop |
| 68 | 11025 | Khan Baba Road Bahawalnagar | 29.99347676 | 73.25374756 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Munshi Jamaldin | Chicken shop |
| 69 | 1018 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99949442 | 73.25239004 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Majeed | Chicken Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 70 | 15013 | Baldia Road Bahawalnagar | 29.99857547 | 73.25491223 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Arshad | Clinic |
| 71 | 15034 | Baldia Road Bahawalnagar | 29.99862621 | 73.25505688 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ahmad | Clinic |
| 72 | 12015 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.9998634 | 73.25630773 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ibrar | Clinic |
| 73 | 13001 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99990398 | 73.25681384 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Dr. Maqbool | Clinic |
| 74 | | shopping center | 29.99990912 | 73.2568313 | 240 | 2 | Commercial | Owned/Managed | No | No | Rented/Leased | Fair | Dr Maqbool Ahmad | Clinic |
| 75 | 13002 | Municipal Shopping | 29.99984648 | 73.25683767 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Dr. Maqbool | Clinic |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Center Thana Sadar Road Bahawalnagar | | | | | | | | | | | | |
| 76 | 11009 | Khan Baba Road Bahawalnagar | 29.99398226 | 73.25412254 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ikram Ud Din | Clinic |
| 77 | 9003 | Baldia Road Bahawalnagar | 29.99806947 | 73.25535517 | 1088 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | Clinics |
| 78 | 28006 | Bypass Minchanabad Road Bahawalnagar | 30.00833022 | 73.27129032 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Bashir Ahmad | Coc cola and hotel |
| 79 | 17010 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00014262 | 73.25718287 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rana Rashid | Cold Corner |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 80 | 29001 | Quaid-e-Milat Road Bahawalnagar | 30.00332548 | 73.25991011 | 1504 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Zulfiqar | Cold Corner |
| 81 | 17013 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00037633 | 73.2565635 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Nawaz | Courier and Pharmacy |
| 82 | 5004 | Quaid-e-Milat Road Bahawalnagar | 30.00259058 | 73.26049884 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Saeed Ahmad | Courier Service |
| 83 | 11032 | Khan Baba Road Bahawalnagar | 29.99312002 | 73.25374758 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khan Muhammad | Decorati on |
| 84 | 12002 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99990499 | 73.25646502 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khalid | Decorati on Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 85 | 11002 | Khan Baba Road Bahawalnagar | 29.99316541 | 73.25379492 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Akram | Decorati on shop |
| 86 | 11033 | Khan Baba Road Bahawalnagar | 29.99310604 | 73.25371916 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Niaz Ahmad | Decorati on Shop |
| 87 | 5001 | Quaid-e-Milat Road Bahawalnagar | 30.0027384 | 73.26039011 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Anwar | Decorati on shop |
| 88 | 15004 | Baldia Road Bahawalnagar | 29.99857319 | 73.25474007 | 315 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Hafeez | Dental Clinic |
| 89 | 15033 | Baldia Road Bahawalnagar | 29.99855794 | 73.25485846 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Farzand Ali | Dental Clinic |
| 90 | 17014 | Shops Mulhiq Bagh Ali Hospital Thana Sadar | 30.0000998 | 73.25710999 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Mustafa | Dry Cleaner |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 91 | 17015 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00009229 | 73.25707733 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Rasool, Ghulam Mustafa Toseef Ahmad | Dry Cleaner |
| 92 | 17016 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00007774 | 73.2570576 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Mustafa, Muhammad Nazir | Dry Cleaner |
| 93 | 16005 | Thana City Road Bahawalnagar | 30.00127071 | 73.26124058 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khalida Parveen, Shamim Ijaz, Bushra Khanum | Dry cleaner |
| 94 | 2002 | Miscellaneous Market Eid Gah | 29.99966752 | 73.25275287 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | M Sabir S/o Ahmad | Dry Fruit Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Road Bahawalnagar | | | | | | | | | | | Bukhsh M Amin S/o Aleem Ud Din | |
| 95 | 11003 | Khan Baba Road Bahawalnagar | 29.99407911 | 73.25439217 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ayyub | Dry Fruits shop |
| 96 | 11024 | Khan Baba Road Bahawalnagar | 29.99328245 | 73.25374187 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Allah Ditta | Electric shop |
| 97 | 11020 | Khan Baba Road Bahawalnagar | 29.9938712 | 73.25389454 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | Electric store |
| 98 | 2011 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99993265 | 73.25314238 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Saleem | Electric Store |
| 99 | 3020 | Dilshad Market Quaid-e-Milat Road | 30.00397635 | 73.25943231 | 252 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ibrahim | Electric Welding, Gate Jali |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 100 | 25004 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99927172 | 73.26236318 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Akram | Engineering Works |
| 101 | 25007 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99932654 | 73.26233348 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ishtiaq Ahmad | Engineering Works |
| 102 | 18011 | Eid Gah Road Bahawalnagar | 30.0075999 | 73.26779993 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Safdar | Engineering works |
| 103 | 12006 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.9999284 | 73.25657196 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Arshad Ghafoor | Fabrics shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 104 | 1015 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99955572 | 73.25242355 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Javed Iqbal | Fish |
| 105 | 16001 | Thana City Road Bahawalnagar | 30.00008544 | 73.25681013 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Syed Irshad Hussain | Fish shop |
| 106 | 1017 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99950187 | 73.25238254 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Munir Ahmad | Fish shop |
| 107 | 1019 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99946391 | 73.25233058 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sheikh Ahmad | Fish Shop |
| 108 | 1010 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99945122 | 73.25229014 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shahab Din | Fish Shop |
| 109 | 1020 | Old Meat Market Eid Gah Road | 29.9994617 | 73.25226364 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ramzan | Fish Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 110 | 1021 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99946665 | 73.25222937 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mehtab Ali | Fish Shop |
| 111 | 1024 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99940518 | 73.25213297 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Mushtaq | Fish shop |
| 112 | 1022 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99943856 | 73.25221556 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Jabbar | Fish store |
| 113 | 16002 | Thana City Road Bahawalnagar | 30.00017923 | 73.25719777 | 23392 | 1 | Non Commercial | Owned/Managed | No | No | Rented/Leased | Good | Dr. Bukhtiar | Foundation School |
| 114 | 15039 | Baldia Road Bahawalnagar | 29.99883578 | 73.25504063 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Rasool | Fresh juice |
| 115 | 9001 | Baldia Road | 29.99780249 | 73.25530353 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rauf Ahmad | freshly water |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 116 | 11035 | Khan Baba Road Bahawalnagar | 29.99354032 | 73.25371577 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Naseer Ud Din | Fruit chat shop |
| 117 | 1026 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99963082 | 73.25264239 | 94 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shareef | Fruit Shop |
| 118 | 11005 | Khan Baba Road Bahawalnagar | 29.99408771 | 73.25432503 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Abdullah | Fruit shop |
| 119 | 11016 | Khan Baba Road Bahawalnagar | 29.99380363 | 73.25380779 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ali | Fruit shop |
| 120 | 11001 | Khan Baba Road Bahawalnagar | 29.99363112 | 73.25380101 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shaukat Ali | Fruit Shop |
| 121 | 19030 | Minchanabad Road Bahawalnagar | 30.00824855 | 73.26863609 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashraf | Furniture shop |

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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 122 | 23001 | Baldia Road Bahawalnagar | 29.99930297 | 73.25504482 | 431 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Javed Iqbal | Garments |
| 123 | 15005 | Baldia Road Bahawalnagar | 29.99913006 | 73.25499795 | 431 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Haji Abdul Rehman Qureishi | Garments shop |
| 124 | 19005 | Minchanabad Road Bahawalnagar | 30.0064394 | 73.26622549 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ali | Gas Agency |
| 125 | 16006 | Thana City Road Bahawalnagar | 30.00140328 | 73.2615261 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | General Store |
| 126 | 1012 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99956326 | 73.25271064 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Bashir Ahmad | General Store |
| 127 | 1014 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99956293 | 73.25258684 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Saleem | General Store |

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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 128 | 2006 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99973362 | 73.25285859 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mehmood Ahmad | General Store |
| 129 | 11012 | Khan Baba Road Bahawalnagar | 29.99392748 | 73.25397467 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Asghar | General Store |
| 130 | 3018 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00352417 | 73.2597758 | 300 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Haji Jan Muhammad | General Store |
| 131 | 1013 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99956293 | 73.25258684 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Siddiq | General Store |
| 132 | 11011 | Khan Baba Road Bahawalnagar | 29.99395288 | 73.25401832 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Yasin | General Store |
| 133 | 11017 | Khan Baba Road | 29.99378231 | 73.25380676 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Aziz, | General Store |

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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | Rasheed Ahmad | |
| 134 | 11014 | Khan Baba Road Bahawalnagar | 29.99358447 | 73.25379889 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | General Store |
| 135 | 11029 | Khan Baba Road Bahawalnagar | 29.99352494 | 73.2537556 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Niaz Ahmad | General Store |
| 136 | 11030 | Khan Baba Road Bahawalnagar | 29.99325348 | 73.25370155 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zahoor Ahmad | General Store |
| 137 | 19026 | Minchanabad Road Bahawalnagar | 30.00792525 | 73.268282 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Siraj Ahmad | Hardware |
| 138 | 11021 | Khan Baba Road Bahawalnagar | 29.99417555 | 73.25460447 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shaukat Ali Bazria Abdul Sattar | Hardware |
| 139 | 11007 | Khan Baba Road Bahawalnagar | 29.99401088 | 73.25430367 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Azam, Muhammad Imran | Hardware |

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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 140 | 11006 | Khan Baba Road Bahawalnagar | 29.99400192 | 73.25427279 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Niaz, Muhammad Javed | Hardware |
| 141 | 2010 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.9997637 | 73.25304941 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Liaqat Ali | Hardware |
| 142 | 5002 | Quaid-e-Milat Road Bahawalnagar | 30.00270569 | 73.26040689 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khalid Akhter | Hardware |
| 143 | 15001 | Baldia Road Bahawalnagar | 29.99863973 | 73.25501609 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ghulam Umer | Hotel |
| 144 | 15002 | Baldia Road Bahawalnagar | 29.99885229 | 73.25496545 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ghulam Umer | Hotel |
| 145 | 15012 | Baldia Road Bahawalnagar | 29.99889025 | 73.25497022 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Syed Ahmad Shah | Hotel |

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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 146 | 15035 | Baldia Road Bahawalnagar | 29.99862621 | 73.25505688 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Fida Ahmad | Hotel |
| 147 | 15036 | Baldia Road Bahawalnagar | 29.99864525 | 73.254965 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khalid Farooq | Hotel |
| 148 | 15022 | Baldia Road Bahawalnagar | 29.99876273 | 73.25489101 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Anwar | Hotel |
| 149 | 15017 | Baldia Road Bahawalnagar | 29.99891414 | 73.25469944 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ghulam Umer | Hotel |
| 150 | 15020 | Baldia Road Bahawalnagar | 29.99900553 | 73.2548582 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Umer | Hotel |
| 151 | 15016 | Baldia Road Bahawalnagar | 29.99898057 | 73.25485705 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Siddiq | Hotel |
| 152 | 15025 | Baldia Road | 29.99852246 | 73.25481489 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Hafeez | Hotel |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 153 | 28008 | Bypass Minchanabad Road Bahawalnagar | 30.00797694 | 73.27131136 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Azam | Hotel |
| 154 | 28013 | Bypass Minchanabad Road Bahawalnagar | 30.00733125 | 73.2713571 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | Hotel |
| 155 | 24003 | Quaid-e-Milat Road Bahawalnagar | 30.00214908 | 73.26071873 | 391 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Attique Abbasi, Muhammad Akhtar | Hotel |
| 156 | 24004 | Quaid-e-Milat Road Bahawalnagar | 30.0020802 | 73.26077434 | 391 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ch. Muhammad Jamil | Hotel |
| 157 | 20002 | Quaid-e-Milat Road Bahawalnagar | 30.00873888 | 73.26918424 | 478 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Imran | Ice cream shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 158 | 3023 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00413308 | 73.25948357 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ramzan | Iron Shop |
| 159 | 3002 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00413308 | 73.25948357 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zikur Rehman | Iron Shop |
| 160 | 3003 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00408861 | 73.25944849 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ghulam Hussain | Iron Shop |
| 161 | 3004 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00408916 | 73.25945573 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zikur Rehman | Iron Shop |
| 162 | 3006 | Dilshad Market Quaid-e- | 30.00401137 | 73.25943773 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | Iron Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | Shop Asset Condition Assessment | | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Milat Road Bahawalnagar | | | | | | | | | | | | |
| 163 | 3005 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00401137 | 73.25943773 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | Iron Shop |
| 164 | 3007 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00400116 | 73.25942863 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Riaz Ahmad Shahid | Iron Shop |
| 165 | 3008 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00394557 | 73.25944724 | 221 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Naeem | Iron Shop |
| 166 | 3011 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00387904 | 73.25953411 | 204 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Azhar Qayyum | Iron Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 167 | 3013 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00380234 | 73.2595672 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Aslam | Iron Shop |
| 168 | 3014 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00376166 | 73.25959242 | 276 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Zia Ul Khizir | Iron Shop |
| 169 | 3015 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00370934 | 73.25962383 | 288 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Waheed | Iron Shop |
| 170 | 3016 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00370188 | 73.25961436 | 300 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Yahya Khan | Iron Shop |
| 171 | 3001 | Dilshad Market Quaid-e- | 30.00345132 | 73.25978656 | 300 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ramzan | Iron Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Milat Road Bahawalnagar | | | | | | | | | | | | |
| 172 | 30006 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00397914 | 73.25953974 | 4427 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sajid Rafique | Iron Shop |
| 173 | 30007 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00404824 | 73.25945784 | 3032 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Iqbal Raza Shaheen | Iron Shop |
| 174 | 30011 | Quaid-e-Milat Road Bahawalnagar | 30.00340025 | 73.25982762 | 408 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashfaq | Iron Shop |
| 175 | 19025 | Minchanabad Road Bahawalnagar | 30.0078962 | 73.26825244 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Furqan Ahmad | Iron Shop |
| 176 | 1011 | Old Meat Market Eid Gah Road | 29.99945828 | 73.25219041 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Imam Din | Iron Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 177 | 11018 | Khan Baba Road Bahawalnagar | 29.99365281 | 73.25376967 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Munawar Hussain | Iron Shop |
| 178 | 11027 | Khan Baba Road Bahawalnagar | 29.99362334 | 73.25378315 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khoshi Muhammad | Iron Shop |
| 179 | 11026 | Khan Baba Road Bahawalnagar | 29.99352533 | 73.25373533 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Arshad | Iron Shop |
| 180 | 11028 | Khan Baba Road Bahawalnagar | 29.99322595 | 73.25382805 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shareef | Iron Shop |
| 181 | 6004 | Quaid-e-Milat Road Bahawalnagar | 30.00140333 | 73.2610691 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Hafiz Muhammad Sharif | Iron shop |
| 182 | 30005 | Dilshad Market Quaid-e-Milat Road | 30.00385818 | 73.25961847 | 1116 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Tufail | Iron Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 183 | 12003 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99993559 | 73.25648141 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nisar Ahmad | Jazz Franchise |
| 184 | 12004 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99993316 | 73.2565239 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nisar Ahmad | Jazz Franchise |
| 185 | 23002 | Baldia Road Bahawalnagar | 29.99915122 | 73.25503275 | 431 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nadeem Azmat | Jewellers Shop |
| 186 | 12025 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99990263 | 73.25644348 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Jahanzai b | Juice Corner |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 187 | 5014 | Quaid-e-Milat Road Bahawalnagar | 30.0012672 | 73.26115861 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Laal Muhammad | Juice shop and PCO |
| 188 | 11034 | Khan Baba Road Bahawalnagar | 29.99413531 | 73.25434463 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Bashir Ahmad | Karyana Store |
| 189 | 19003 | Minchanabad Road Bahawalnagar | 30.00634757 | 73.26620698 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Saleem | Khal Banola |
| 190 | 2005 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.9997005 | 73.25283704 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ikram | Khal Banola |
| 191 | 30020 | Quaid-e-Milat Road Bahawalnagar | 30.00319169 | 73.26013786 | 4602 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ilyas Siddiqi | Khal Banola/R residence |
| 192 | 1023 | Old Meat Market Eid Gah Road Bahawalnagar | 29.99943508 | 73.25214583 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shafiq | Kiryana Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 193 | 18010 | Eid Gah Road Bahawalnagar | 30.00153676 | 73.25724616 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Rafique | Kryana store |
| 194 | 17003 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00043496 | 73.25656114 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Qasim Ali | Landa Cloths |
| 195 | 8016 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99952649 | 73.25520515 | 241 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Arshad Khan | Madina Bakers & Sweets |
| 196 | 8018 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99952705 | 73.2550254 | 484 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Irshad Ali | Madina Bakers & Sweets |
| 197 | 15037 | Baldia Road | 29.99877599 | 73.25504327 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Latif | Map Maker |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 198 | 19035 | Minchanabad Road Bahawalnagar | 30.00686036 | 73.27132888 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khushi Muhammad | Marbel Shop |
| 199 | 20005 | Minchanabad Road Bahawalnagar | 30.00686048 | 73.27132917 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shakoor | Marbel Shop |
| 200 | 19038 | Minchanabad Road Bahawalnagar | 30.00671036 | 73.27087319 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ali S/o Allah Bakhsh, Muhammad Javed S/o | Marble shop |
| 201 | 28005 | Bypass Minchanabad Road Bahawalnagar | 30.00867171 | 73.27137629 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Mushtaq | Marble works |
| 202 | 28009 | Bypass Minchanabad Road Bahawalnagar | 30.00765521 | 73.2713358 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Siraj Ahmad | Marble works |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 203 | 2001 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99971006 | 73.25279951 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Sabir | Masala Jaat Shop |
| 204 | 2004 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.9996607 | 73.25285679 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Anwar | Masala Jaat Shop |
| 205 | | khan baba market | 29.99397165 | 73.25412288 | 280 | 2 | Commercial | Owned/Managed | No | No | Rented/Leased | Fair | Chirag din | medical store |
| 206 | 6001 | Quaid-e-Milat Road Bahawalnagar | 30.00167965 | 73.26098938 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Nadeem | Milk shop |
| 207 | 19029 | Minchanabad Road Bahawalnagar | 30.00825498 | 73.26861892 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shamim Akhter | Mini Guds |
| 208 | 21001 | Minchanabad Road Bahawalnagar | 30.01053718 | 73.27155736 | 272 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashraf | Mobil Oil Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 209 | 14002 | Baldia Road Bahawalnagar | 29.99856716 | 73.25522126 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Syed Najeeb Ali Shah | Mobile shop |
| 210 | 8002 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99968798 | 73.25551077 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Amin | Mobile Shop |
| 211 | 8015 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99963669 | 73.2555721 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mirza Irfan | Mobile Shop |
| 212 | 8004 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99957486 | 73.25549466 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shafi | Mobile Shop |
| 213 | 8005 | Municipal Market Tehsil Bazar Road | 29.9995715 | 73.25556659 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shahid Mehmood | Mobile Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 214 | 8006 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99950834 | 73.25543898 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Hafiz Muhammad Yousaf | Mobile Shop |
| 215 | 8007 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.9995386 | 73.25542158 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Afzal | Mobile Shop |
| 216 | 8008 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99955214 | 73.25543382 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Arshad Adil | Mobile Shop |
| 217 | 8009 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99962149 | 73.2553759 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Ghani | Mobile Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | Shop Asset Condition Assessment | | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 218 | 8010 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99938728 | 73.25532607 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Syed Ikram | Mobile Shop |
| 218 | 12022 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99975142 | 73.2561023 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abbasia Textile Mills Bazria Muhammad Dilbar | Mobile shop |
| 219 | 12021 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.9997446 | 73.25611823 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abbasia Textiles Mills Bazria Muhammad Dilbar | Mobile shop |
| 220 | 12008 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 30.00006411 | 73.25668706 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Akhtar Ali | Mobile Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 221 | 18001 | Eid Gah Road Bahawalnagar | 30.00279967 | 73.2599506 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Iqbal | Mobile shop |
| 222 | 18002 | Eid Gah Road Bahawalnagar | 30.00285836 | 73.25985403 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Amjad | Mobile Shop |
| 223 | 18003 | Eid Gah Road Bahawalnagar | 30.00287882 | 73.25984738 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Arif | Mobile Shop |
| 224 | 18005 | Eid Gah Road Bahawalnagar | 30.00280339 | 73.25972617 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khuram | Mobile shop |
| 225 | 25006 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99934504 | 73.26226484 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shareef | Mobile Shop |
| 226 | 8013 | Municipal Market Tehsil Bazar Road | 29.99950982 | 73.25529031 | 241 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Safdar | Mobile shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 227 | 5003 | Quaid-e-Milat Road Bahawalnagar | 30.0026011 | 73.26046423 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muslim Cycle Works | Motorcycle Showroom |
| 228 | 30001 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00362702 | 73.25970519 | 252 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Asim Khan Zahid | Motors and Rent A Car |
| 229 | 17004 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00042895 | 73.25656046 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Saif Ullah Qureshi | Mukhtar Flex |
| 230 | 11008 | Khan Baba Road Bahawalnagar | 29.99403607 | 73.25417381 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khalil Khan | Naswar shop |
| 231 | | Satluj park | 30.00281871 | 73.25985594 | 1250 | 2 | Commercial | Owned/Managed | No | No | Rented/Leased | Fair | null | null |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 232 | 14001 | Baldia Road Bahawalnagar | 29.99816977 | 73.25513967 | 1632 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Office Anti Corruption | Office |
| 233 | 17006 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00027704 | 73.25658486 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Abdul Hafeez | Office |
| 234 | 19017 | Minchanabad Road Bahawalnagar | 30.00764954 | 73.26807934 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Rehman | Oil shop |
| 235 | 2003 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99970994 | 73.25279923 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Sultan | Oil Shop |
| 236 | 6008 | Quaid-e-Milat Road Bahawalnagar | 30.00214333 | 73.26064101 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Asghar | Oil shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 237 | 5017 | Quaid-e-Milat Road Bahawalnagar | 30.00183634 | 73.26107967 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ayyub Khan | Oil shop |
| 238 | 20003 | Quaid-e-Milat Road Bahawalnagar | 30.00897578 | 73.26935161 | 478 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Din | Open Plot |
| 239 | 19039 | Minchanabad Road Bahawalnagar | 30.00808287 | 73.27136967 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shafiq | Open Plot |
| 240 | 21002 | Chishtian Road Bahawalnagar | 29.99584776 | 73.24134367 | 1088 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ahsan Kareem | Open Plot |
| 241 | 11004 | Khan Baba Road Bahawalnagar | 29.99406202 | 73.25437037 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mumtaz Ahmad | Paint Shop |
| 242 | 19009 | Minchanabad Road Bahawalnagar | 30.00730299 | 73.26763691 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ashfaq Ahmad | Paints |
| 243 | 1016 | Old Meat Market Eid Gah Road | 29.99952901 | 73.25239884 | 120 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad | Pan Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | Siddique Umer | |
| 244 | 1002 | Old Meat Market Eid Gah Road Bahawalnagar | 29.9995819 | 73.2526163 | 95 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mohd. Rafiq S/O Ameer Bux, Faiz Muhammad S/O MAmin | Pan Shop |
| 245 | 15028 | Baldia Road Bahawalnagar | 29.99872818 | 73.25511332 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Rehman | Pharmacy |
| 246 | 15029 | Baldia Road Bahawalnagar | 29.99867656 | 73.25520276 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shoukat Ali | Pharmacy |
| 247 | 12024 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99966566 | 73.25603604 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul salam akhtar | Pharmacy |
| 248 | 12016 | Municipal Shopping | 29.99985411 | 73.2561302 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Amanat Ali | Pharmacy |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Center Thana Sadar Road Bahawalnagar | | | | | | | | | | | | |
| 249 | 12005 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99995111 | 73.25652954 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Amjad Ghafoor | Pharmacy |
| 250 | 11010 | Khan Baba Road Bahawalnagar | 29.99400613 | 73.25415207 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Chiragh Din | Pharmacy |
| 251 | 12018 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99981688 | 73.25616864 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ahmad | Pharmacy |
| 252 | 3009 | Dilshad Market Quaid-e-Milat Road | 30.00394545 | 73.25944695 | 132 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Naeem | Pharmacy |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 253 | 3010 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.0039111 | 73.25948118 | 192 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ch. Faqir Muhammad | Pharmacy |
| 254 | 8017 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99939405 | 73.25515737 | 248 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Syed Shamshad Hussain Zaidi | Photo Studio |
| 255 | 12011 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99970881 | 73.2560226 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mazhar Iqbal Ghazi | Photo Studio |
| 256 | 5005 | Quaid-e-Milat Road Bahawalnagar | 30.00250167 | 73.26056009 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazir Ahmad | Photostate shop |
| 257 | 16004 | Thana City Road | 30.00009488 | 73.25682942 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mumtaz Ahmad | Photostate |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 258 | 8011 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99954818 | 73.25548791 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Iqbal | Photostate Shop |
| 259 | 8012 | Municipal Market Tehsil Bazar Road Bahawalnagar | 29.99955418 | 73.25539116 | 60 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Mirza Muhammad Asharf | Photostate Shop |
| 260 | 6007 | Quaid-e-Milat Road Bahawalnagar | 30.00248351 | 73.26036886 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Latif | Photostate shop |
| 261 | | satluj park | 30.00281871 | 73.25985594 | 13600 | 2 | Commercial | Owned/Managed | No | No | Rented/Leased | Fair | null | press club |
| 262 | 17011 | Shops Mulhiq Bagh Ali Hospital Thana Sadar | 30.00024578 | 73.25693787 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Azhar Iqbal | Printers |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 263 | 12001 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99994557 | 73.2567407 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Safdar Bilal | Printing Press |
| 264 | 13003 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99989916 | 73.25674845 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazir Ahmad | Printing Press |
| 265 | 12010 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99978054 | 73.25681782 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Irshad | Printing Press |
| 266 | 12009 | Municipal Shopping Center Thana | 29.99972332 | 73.25681179 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Anwar Bibi | Printing Press |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | Shop Asset Condition Assessment | | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Sadar Road Bahawalnagar | | | | | | | | | | | | |
| 267 | 12026 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99967817 | 73.25680272 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Tariq | Printing Press |
| 268 | 17002 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00051429 | 73.25657051 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Amjad Ghafoor | Printing Press |
| 269 | 17001 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00057088 | 73.25651607 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Jalal Din | Printing press |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 270 | 15011 | Baldia Road Bahawalnagar | 29.9986255 | 73.25477491 | 263 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nizam U Din | Property Dealer |
| 271 | 18007 | Eid Gah Road Bahawalnagar | 30.00270899 | 73.25959029 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Munawar | Red chilli |
| 272 | 15030 | Baldia Road Bahawalnagar | 29.99874471 | 73.25499775 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khurram Mashkour | Refreshment Point |
| 273 | | Minchanabad Road Bahawalnagar | 30.00760842 | 73.2678022 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ramzan | Repairing shop |
| 274 | 30013 | Quaid-e-Milat Road Bahawalnagar | 30.00171714 | 73.26111459 | 478 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Amir Rasheed | Residence |
| 275 | 5013 | Quaid-e-Milat Road Bahawalnagar | 30.00128144 | 73.26103967 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazir Ahmad | Samosa Shop |
| 276 | 19015 | Minchanabad Road | 30.00759665 | 73.26803656 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Habib Ahmad | Sanitary Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 277 | 19016 | Minchanabad Road Bahawalnagar | 30.00759653 | 73.26803627 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shamim Akther | Sanitary Store |
| 278 | 6009 | Quaid-e-Milat Road Bahawalnagar | 30.00227425 | 73.26063481 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Rehman Khawar | Sapray center |
| 279 | 5006 | Quaid-e-Milat Road Bahawalnagar | 30.00237921 | 73.26066331 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shafqat Nadeem | Sapray centre |
| 280 | 5011 | Quaid-e-Milat Road Bahawalnagar | 30.00172303 | 73.26121472 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Amin | Sapray Centre |
| 281 | 6012 | Quaid-e-Milat Road Bahawalnagar | 30.00258679 | 73.26044068 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazir Ahmad, Muhammad Rafique Anjum | Seeds and Fertilizer Shop |
| 282 | 11023 | Khan Baba Road | 29.99341867 | 73.25371437 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sami ul Haq | Shoe store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 283 | 23004 | Baldia Road Bahawalnagar | 29.99918576 | 73.25503807 | 431 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Haji Abdul Rehman Qureishi | Shoes Shop |
| 284 | 11022 | Khan Baba Road Bahawalnagar | 29.99334249 | 73.25370029 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Farooq | Shoes Shop |
| 285 | 19004 | Minchanabad Road Bahawalnagar | 30.00641426 | 73.26621797 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Naeem Akthar | Snooker Club |
| 286 | 19022 | Minchanabad Road Bahawalnagar | 30.00784397 | 73.26824981 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Qari Sultan | Solar panels shop |
| 287 | 14003 | Baldia Road Bahawalnagar | 29.99855102 | 73.25524121 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shafiq Uz Zaman | Sports shop |
| 288 | 15027 | Baldia Road Bahawalnagar | 29.99889608 | 73.25495704 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Zulfiqar | Sports Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 289 | 15032 | Baldia Road Bahawalnagar | 29.99874483 | 73.25499803 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Farooq | Sports Shop |
| 290 | 15038 | Baldia Road Bahawalnagar | 29.99864488 | 73.25501991 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Latif | Sports shop |
| 291 | 16007 | Thana City Road Bahawalnagar | 30.00142301 | 73.26155579 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Nazar Muhammad | Spray centre |
| 292 | 5007 | Quaid-e-Milat Road Bahawalnagar | 30.00225451 | 73.26069737 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Munir Ahmad | Spray centre |
| 293 | 15003 | Baldia Road Bahawalnagar | 29.99889365 | 73.25495495 | 263 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khalil Ahmad | Store |
| 294 | 15014 | Baldia Road Bahawalnagar | 29.99900542 | 73.25485791 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Imtiaz Ahmad | Store |
| 295 | 15009 | Baldia Road | 29.99848965 | 73.25499052 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashraf | Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 296 | 15008 | Baldia Road Bahawalnagar | 29.99847757 | 73.2548102 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Hafeez | Store |
| 297 | 15007 | Baldia Road Bahawalnagar | 29.99850411 | 73.25481311 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Hafeez | Store |
| 298 | 15026 | Baldia Road Bahawalnagar | 29.99855212 | 73.25480212 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khalil Ahmad | Store |
| 299 | 15006 | Baldia Road Bahawalnagar | 29.99859147 | 73.2547945 | 263 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Khalid Farooq | store |
| 300 | 15023 | Baldia Road Bahawalnagar | 29.998726 | 73.2546853 | 263 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Iqbal | Store |
| 301 | 15024 | Baldia Road Bahawalnagar | 29.9987371 | 73.25468715 | 331 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sada Hussain, Arif Hussain | Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
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| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 302 | 17007 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00020901 | 73.25651532 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Abdul Hafeez | Store |
| 303 | 17009 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00020901 | 73.25651532 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Abdul Hafeez | Store |
| 304 | 17008 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00026107 | 73.25654716 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Malik Abdul Hafeez | Store |
| 305 | 11013 | Khan Baba Road | 29.9939022 | 73.25392466 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Nazir | Store |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-----------------|------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 306 | 15018 | Baldia Road Bahawalnagar | 29.99887712 | 73.25479824 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Umer | Store |
| 307 | 15010 | Baldia Road Bahawalnagar | 29.99848965 | 73.25499052 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ajmal | Store |
| 308 | 2013 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99992451 | 73.25317831 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Hafeez | store |
| 309 | 28011 | Bypass Minchanabad Road Bahawalnagar | 30.00762643 | 73.27132941 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Iqbal | Store and Wait Machine |
| 310 | 19001 | Minchanabad Road Bahawalnagar | 30.00631549 | 73.26617838 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Irshad Ahmad | Sweet Shop |
| 311 | 6003 | Quaid-e-Milat Road | 30.00131506 | 73.26115963 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Jamal Din | Sweet Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|---------------------|-------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 312 | 5010 | Quaid-e-Milat Road Bahawalnagar | 30.00162288 | 73.2609962 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Maqsood | Sweets shop |
| 313 | 6002 | Quaid-e-Milat Road Bahawalnagar | 30.00131506 | 73.26115963 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Jamal Din | Sweets shop |
| 314 | 16003 | Thana City Road Bahawalnagar | 30.00006815 | 73.25692533 | 162 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Khawaja Afzal Ahmad | Tea Stall |
| 315 | 3017 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00352417 | 73.2597758 | 300 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Usman | Tea stall |
| 316 | 11015 | Khan Baba Road Bahawalnagar | 29.99386623 | 73.25386564 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ismail | Tea Stall |
| 317 | 5008 | Quaid-e-Milat Road | 30.00221304 | 73.26067535 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Rafique | Tea stall |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|-------------------|-------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 318 | 18006 | Eid Gah Road Bahawalnagar | 30.00273209 | 73.25980426 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Gulam Rasool | Tobacco Shop |
| 319 | 12007 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99997354 | 73.25660475 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Gulzar Ahmad Nagi | Travel agency |
| 320 | 17017 | Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalnagar | 30.00015631 | 73.25715196 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Maqsood | Travels and Tours |
| 321 | 17012 | Shops Mulhiq Bagh Ali Hospital Thana Sadar | 30.00012462 | 73.25713015 | 140 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Israr Ahmad | Travels and Tours |



| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|------------------------------------|--------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 322 | 3021 | Dilshad Market Quaid-e-Milat Road Bahawalnagar | 30.00351696 | 73.25973465 | 264 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Qasim Muhammad Ali (Dawn Autos) | Tyre and Battery Service |
| 323 | 6006 | Quaid-e-Milat Road Bahawalnagar | 30.00150535 | 73.26108873 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Latif | Tyre and Battery Service |
| 324 | 28007 | Bypass Minchanabad Road Bahawalnagar | 30.00986293 | 73.27060074 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Naseem Akhter | Tyre Shop |
| 325 | 5009 | Quaid-e-Milat Road Bahawalnagar | 30.00176095 | 73.26100458 | 19040 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Saleem | Tyre shop |
| 326 | 5018 | Quaid-e-Milat Road Bahawalnagar | 30.00181773 | 73.26104681 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ayyub Khan | Tyre shop |
| 327 | 5021 | Quaid-e-Milat Road | 30.00197269 | 73.26091852 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sajid Aziz | Tyre Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|--|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|----------------|-------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| | | Bahawalnagar | | | | | | | | | | | | |
| 328 | 5022 | Quaid-e-Milat Road Bahawalnagar | 30.00206898 | 73.26091163 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Jamil | Tyre shop |
| 329 | 19037 | Minchanabad Road Bahawalnagar | 30.00700133 | 73.27131101 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Manzoor Ahmad | Utility store warehouse |
| 330 | 2007 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99973371 | 73.25287103 | 130 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Abdul Ghafar | Vegetable Shop |
| 331 | 2009 | Miscellaneous Market Eid Gah Road Bahawalnagar | 29.99973371 | 73.25287103 | 163 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Habib Ahmad | Vegetable Shop |
| 332 | 18004 | Eid Gah Road Bahawalnagar | 30.00281369 | 73.25977909 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | Vegetable Shop |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|---------------------|--------------------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 333 | 18008 | Eid Gah Road Bahawalnagar | 30.00272324 | 73.25957087 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Ashraf | Vegetable shop |
| 334 | 18009 | Eid Gah Road Bahawalnagar | 30.00274915 | 73.25954988 | 32 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Kashif | Vegetable Shop |
| 335 | 12023 | Municipal Shopping Center Thana Sadar Road Bahawalnagar | 29.99971122 | 73.25607458 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Tufail | Veterinary Medical Store |
| 336 | 15021 | Baldia Road Bahawalnagar | 29.99876322 | 73.25485688 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Shafiq | Warehouse |
| 337 | 15015 | Baldia Road Bahawalnagar | 29.99848977 | 73.25499081 | 100 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Attaullah | warehouse |
| 338 | 15031 | Baldia Road Bahawalnagar | 29.99874471 | 73.25499775 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Sajjad Ahmad Shakir | Weapons Dealer |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|---|---------------------------------|-------------|-------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|----------------|------------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | Shop Asset Condition Assessment | | | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| 339 | 19010 | Minchanabad Road Bahawalnagar | 30.00730299 | 73.26763691 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Rana Tariq | Welding |
| 340 | 19012 | Minchanabad Road Bahawalnagar | 30.00747365 | 73.26776596 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yasin | Welding |
| 341 | 25005 | Nilam Cinema Chowk Muslim Colony Bahawalnagar | 29.99931411 | 73.26222294 | 64 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Azhar Mehmood | Welding |
| 342 | 30015 | Quaid-e-Milat Road Bahawalnagar | 30.00422798 | 73.25924848 | 816 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Yaar | Woodworks |
| 343 | 30014 | Quaid-e-Milat Road Bahawalnagar | 30.00416786 | 73.25925721 | 201 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Shah Muhammad | Woodworks |
| 344 | 19031 | Minchanabad Road Bahawalnagar | 30.00825027 | 73.26866559 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Zafar | Wook works |

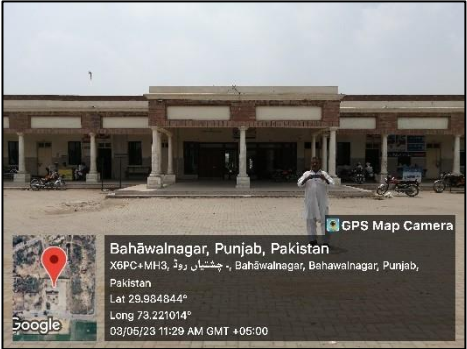


| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | | |
|--|-----------|--------------------------------------|-------------|-------------|---------------------------------|---------------|--------------------------|------------------|---------------------|------------------|----------------|---------------------------------------|--------------------------|--|--|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business | |
| 345 | 19032 | Minchanabad Road Bahawalnagar | 30.00839255 | 73.26908281 | 168 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Zafar | wook works | |
| 346 | 28010 | Bypass Minchanabad Road Bahawalnagar | 30.0081896 | 73.2713506 | 15999 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Asmat Ara | Workshop | |
| 347 | 6010 | Quaid-e-Milat Road Bahawalnagar | 30.00247233 | 73.26036991 | 48 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Muhammad Ashraf | Workshop | |
| 348 | 9002 | Baldia Road Bahawalnagar | 29.99772854 | 73.255517 | 200 | 1 | Commercial | Owned/Managed | No | No | Rented/Leased | Good | Dr. Maqsood Ahmad Baloch | Freshly, cylinder gass, jazz franchise | |
| Average Score | | 1 | | | 2 | | | 3 | | | 4 | | 5 | | |
| Asset Condition | | Excellent | | | Good | | | Fair | | | Poor | | Failing | | |
| Category | | A | | | B | | | C | | | D | | E | | |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | | | | | | | | |
|--|-----------|------------------|----------|-----------|---------------------------------|---------------|--------------------------|------------------|---------------------|---|----------------|---------------------------------------|-------------|----------|
| Municipal Committee Bahawalnagar | | | | | | | | | | | | | | |
| Form: IDAMP-A17 | | | | | Shop Asset Condition Assessment | | | | | | | Asset Code: _____ Date: 02-05-2023 | | |
| SR | Shop Code | Property Address | Latitude | Longitude | Area (Sqft) | No of Stories | Property Location Status | Ownership Status | Encroachment Status | Litigation Exist | Current Status | Condition | Tenant Name | Business |
| Data Collected By: Mr. Abdullah | | | | | Designation: Team Member | | | | |  Sign & Date: 30 May 2023 | | | | |
| Data Checked By: Mr. M. Fiaz | | | | | Designation: Team Lead | | | | |  Sign & Date: 30 May 2023 | | | | |

5. Public Places

A. Bus Stand

| Sr # | Name | Age (Years) | Condition | Area (Acres) | Book Value (PKR Mil) |
|------|-----------------------------------|-------------|-----------|--------------|----------------------|
| 1 | General Bus Stand MC Bahawalnagar | 10 | Good | 16 | 1280 |


| Integrated Development and Asset Management Plan (IDAMP) | | | | | | |
|---|--------------------------------------|-----------------------------------|----|--|---|---|
| Municipal Committee Bahawalnagar | | | | | | |
| Form: IDAMP-A12 | Bus Stand Asset Condition Assessment | | | Asset Code: _____ | | |
| | | | | Date: 02-05-2023 | | |
| Name | | General Bus Stand | | <div style="text-align: center;">Pictures</div>    | | |
| Location | Latitude | 29.983809 | | | | |
| | Longitude | 73.220986 | | | | |
| Address | | Mouza Rabnawaz pura, Bahawalnagar | | | | |
| Year of Construction | | 2013 | | | | |
| Last Major Renovation | | Not Available | | | | |
| Area (Acres) | | 16 | | | | |
| Ownership | | District Govt. | | | | |
| Class | | A | B | | C | D |
| Designed Capacity of Vehicles | Buses | Not Available | | | | |
| | Coasters | Not Available | | | | |
| | Wagons | Not Available | | | | |
| Daily parking of vehicles (based on information provided by MC) | Buses | 260 | | | | |
| | Coasters | 25 | | | | |
| | Wagons | 45 | | | | |
| | Rickshaws | 50 | | | | |
| Distance from the urban area | | 4 km | | | | |
| Security | At Entry | Yes | No | | | |
| | At Exit | Yes | No | | | |
| Gate | At Entry | Yes | No | | | |
| | At Exit | Yes | No | | | |
| Waiting Area | Men | Yes | No | | | |
| | Families | Yes | No | | | |
| Washroom | Male | Yes | No | | | |
| | Female | Yes | No | | | |
| Prayer Room | Male | Yes | No | | | |
| | Female | Yes | No | | | |
| Administration Office | | Yes | No | | | |
| Rickshaw | | Yes | No | | | |

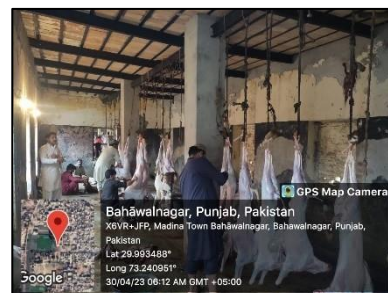
| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|-----------|---|------|------|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A12 | | Bus Stand Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Parking Stand | Cars | Yes | No | | |
| Fuel Outlets | | Yes | No | | |
| Reception Desk | | Yes | No | | |
| Ticketing System | | Yes | No | | |
| Tuck Shop | | Yes | No | | |
| Workshop | | Yes | No | | |
| Ablution Area | | Yes | No | | |
| Pedestrian | | Yes | No | | |
| Green Spaces | | Yes | No | | |
| Water Arrangement | Drinking | Yes | No | | |
| Water Arrangement | Disposal | Yes | No | | |
| Boarding Shed | | Yes | No | | |
| Workshops | | Yes | No | | |
| Lighting | | Yes | No | | |
| Boundary Wall | | Yes | No | | |
| Flooring & Pavement | Type | Tuff Tiles | | | |
| | Condition | Good | Fair | Poor | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | | |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | | |  Sign & Date: 30 May 2023 |





Slaughterhouse

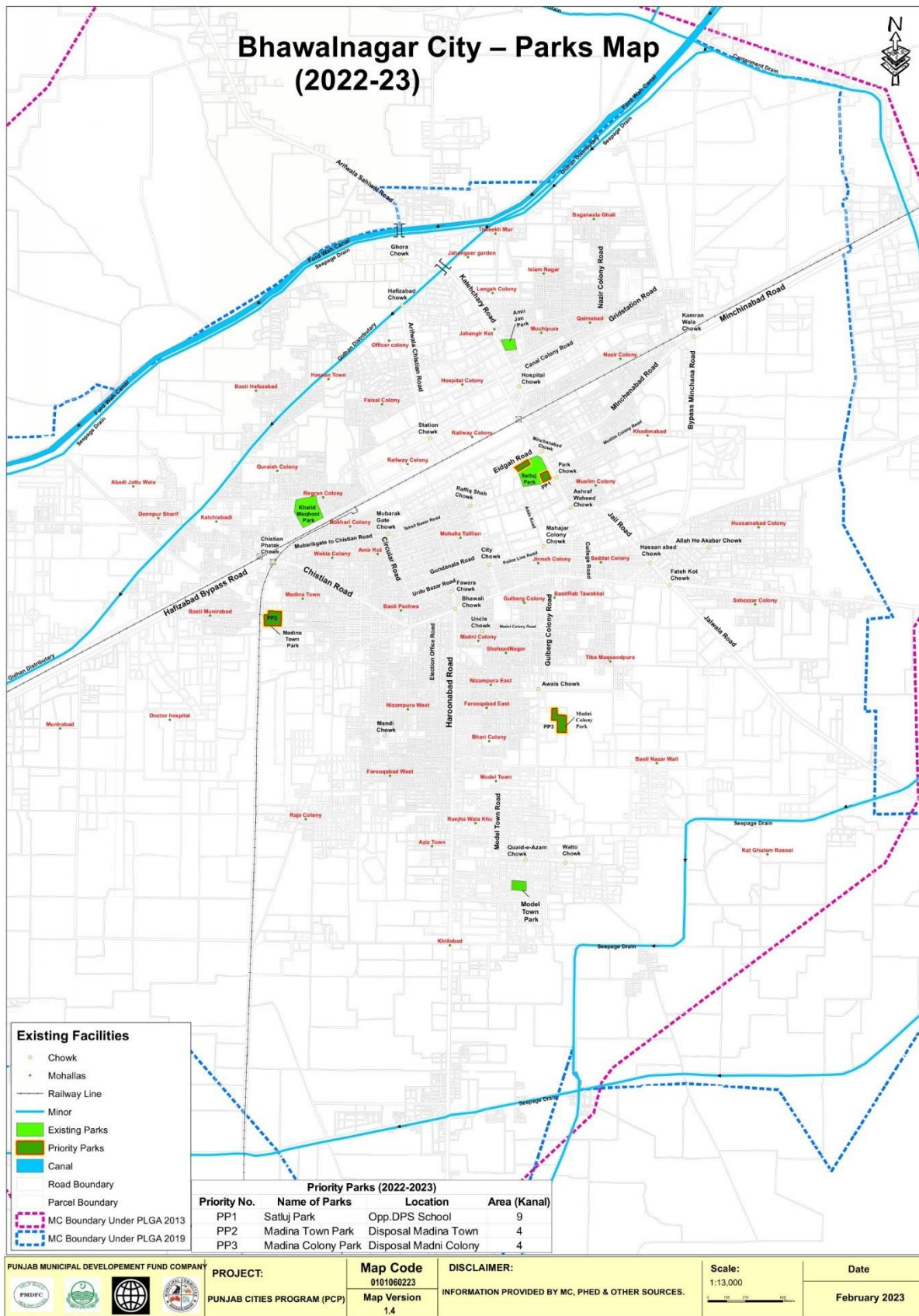
| Sr # | Name | Age (Years) | Condition | Area (Acres) | Book Value (PKR Million) |
|------|--|---------------|-----------|--------------|--------------------------|
| 1 | Slaughterhouse (Mouza Amar Singh CTN Road, Bahawalnagar) | Not Available | Poor | 1 | 3 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|---|---|------|--|--|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A15 | Slaughterhouse Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Slaughter House | | Pictures | |
| Location | Latitude | 29.993523 | |  | |
| | Longitude | 73.245412 | | | |
| Address | | Mouza Amar Singh CTN Road, Bahawalnagar | | | |
| Year of Construction | | Not Available | | | |
| Total Area (Acres) | | 1 | | | |
| Ownership | | MC | | | |
| Slaughter Capacity (Per Day) | Larger Animals | 50 | | | |
| | Smaller Animals | 80 | | | |
| Supervisor | | Yes | No | | |
| Doctor's Room | | Yes | No | | |
| Inhabitation Facility | | Yes | No | | |
| Slaughtering Hall | | Yes | No | | |
| Evisceration Hall | | Yes | No | | |
| Meat Cutting Room | | Yes | No | | |
| Blood Collection Arrangements | | Yes | No | | |
| Skin Storage Room | | Yes | No | | |
| Tools Disinfectant System | | Yes | No | | |
| Health and Hygiene SOPs | | Yes | No | | |
| Refrigeration / Storage System | | Yes | No | | |
| Separate Facility for Sick Animals | | Yes | No | | |
| Water Supply System | | Yes | No | | |
| Drainage & Disposal Facility | | Yes | No | | |
| Solid Waste Collection Facility | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Approach Road Condition | | Good | Fair | Poor | |







| Civil Structure Condition | Good | Fair | Poor | | |
|--|---------------------------------|------|------|--|---------|
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> | | |  <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> | | |  <i>Sign & Date: 30 May 2023</i> | |

C. Parks





| Sr # | Name | Condition | Area (Acres) | Book Value (PKR Mil) |
|------|----------------|-----------|--------------|----------------------|
| 1 | Satluj | Good | 9.5 | 1368 |
| 2 | Amir Soan | Fair | 4.5 | 432 |
| 3 | Khalid Maqbool | Fair | 7.5 | 720 |

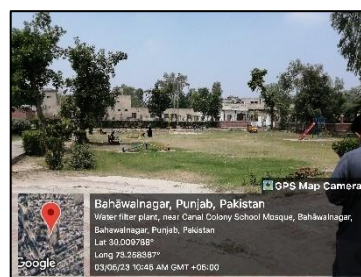
| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|------------------|------------------------------------|------|---|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A10 | | Park Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Name | | Satluj Park | | Pictures | |
| Location | Latitude | 30.000904 | |  | |
| | Longitude | 73.260248 | | | |
| Area In Acres | | 9.5 | | | |
| Ownership-Owned by MC or possession allocated to MC by any other department (documents available) | | MC | | | |
| Turfing Condition | | Good | Fair | |  |
| Approach Road | | Good | Fair | | |
| Parking Lots | | Yes | No | | |
| Canteen Availability | | Yes | No | | |
| Average number of daily visitors (based on the assessment of MC staff) | | 1500-2000 | | |  |
| Any illegal occupants or encroachments observed-if yes, type | | No | | | |
| Security system | | Yes | No | | |
| Watering & Irrigation | | | | | |
| Tube Well | | Yes | No |  | |
| Water Supply from Municipal System | | Yes | No | | |
| Water Tank | | Yes | No | | |
| Pumping Unit | | Yes | No | | |
| Distribution Pipe Lines | | Yes | No | | |
| Valves | | Yes | No | | |
| Sprinkler System | | Yes | No | | |
| Ground water storage reservoirs/ponds | | Yes | No | | |
| Landscaping & Plantation | | | | | |
| Grass Beds | | Yes | No | | |
| Flower Beds | | Yes | No | | |
| Hedges | | Yes | No | | |
| Plants | | Yes | No | | |


| | | | | | |
|--|--------|---------------|------|------|---|
| Number of trees and species (based on readily available information at MC) | | 50+ | | | |
| Lights | | | | | |
| Total Number | | 25-26 | | | |
| Poles | | Yes | No | | |
| Cables | | Yes | No | | |
| Brackets And Lights | | Yes | No | | |
| Bulbs And Tubes | | Yes | No | | |
| Control Units | | Yes | No | | |
| Structures | | | | | |
| No. of Toilets | Gents | 2 | | | |
| | Ladies | 2 | | | |
| Condition of Toilets | Gents | Good | Fair | Poor | |
| | Ladies | Good | Fair | Poor | |
| Buildings | | Yes | No | | |
| Fountains & Water Fall Structure | | Yes | No | | |
| Walkways | | Yes | No | | |
| Jogging tracks | | Yes | No | | |
| Ramps at entry gates for wheel chairs | | Yes | No | | |
| Bridges & Culverts | | Yes | No | | |
| Play Area | | Yes | No | | |
| Gazebos | | Yes | No | | |
| Benches/ sitting arrangements | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Toilets | | Yes | No | | |
| Lakes & Brooks | | Yes | No | | |
| Mechanical Equipment | | | | | |
| Pumping Units | | Yes | No | | |
| Swings | | Yes | No | | |
| Children Games | | Yes | No | | |
| Fixtures | | Yes | No | | |
| Benches | | Yes | No | | |
| Sanitation & Water Supply | | | | | |
| Litter Bins | | Yes | No | | |
| Condition of SWM | | Good | Fair | Poor | |
| Toilet Fixtures | | Yes | No | | |
| Sewerage System | | Yes | No | | |
| Vegetation Cuttings & Disposal | | Yes | No | | |
| Drinking water availability and quality (based on availability of water quality test reports) | | Not Available | | | |
| Water Pipes | | Yes | No | | |
| HR | | | | | |
| Security Guards | | Yes | No | | |
| Landscape Experts | | Yes | No | | |
| Mali / Beldaar (Number) | | 3 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |




| Asset Condition | Excellent | Good | Fair | Poor | Failing |
|--|-----------|---------------------------------|------|--|---------|
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| • No remarks | | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | | <i>Designation: Team Member</i> | |  <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | | <i>Designation: Team Lead</i> | |  <i>Sign & Date: 30 May 2023</i> | |


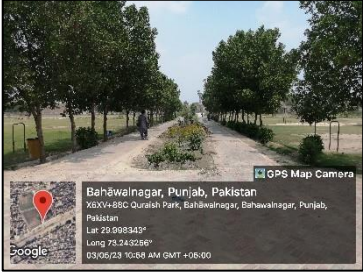

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|------------------------------------|---------------|------|---------------------------------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A10 | Park Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 |
| Name | | Amir Jan Park | | Pictures |
| Location | Latitude | 30.009056 | | |
| | Longitude | 73.258531 | | |
| Area In Acres | | 4.5 | | |
| Ownership-Owned by MC or possession allocated to MC by any other department (documents available) | | MC | | |
| Turfing Condition | Good | Fair | Poor | |
| Approach Road | Good | Fair | Poor | |
| Parking Lots | Yes | No | | |
| Canteen Availability | Yes | No | | |
| Average number of daily visitors (based on the assessment of MC staff) | 1000-1200 | | | |
| Any illegal occupants or encroachments observed-if yes, type | No | | | |
| Security system | Yes | No | | |
| Watering & Irrigation | | | | |
| Tube Well | Yes | No | | |
| Water Supply from Municipal System | Yes | No | | |
| Water Tank | Yes | No | | |
| Pumping Unit | Yes | No | | |
| Distribution Pipe Lines | Yes | No | | |
| Valves | Yes | No | | |
| Sprinkler System | Yes | No | | |
| Ground water storage reservoirs/ponds | Yes | No | | |
| Landscaping & Plantation | | | | |
| Grass Beds | Yes | No | | |
| Flower Beds | Yes | No | | |
| Hedges | Yes | No | | |
| Plants | Yes | No | | |
| Number of trees and species (based on readily available information at MC) | 50-60 | | | |
| Lights | | | | |
| Total Number | 34 (20 Non-Functional) | | | |
| Poles | Yes | No | | |
| Cables | Yes | No | | |
| Brackets And Lights | Yes | No | | |
| Bulbs And Tubes | Yes | No | | |



| | | | | | |
|--|-----------|--------------------------|------|---|---------|
| Control Units | | Yes | No | | |
| Structures | | | | | |
| No. of Toilets | Gents | 1 | | | |
| | Ladies | 2 | | | |
| Condition of Toilets | Gents | Good | Fair | | |
| | Ladies | Good | Fair | | |
| Buildings | | Yes | No | | |
| Fountains & Water Fall Structure | | Yes | No | | |
| Walkways | | Yes | No | | |
| Jogging tracks | | Yes | No | | |
| Ramps at entry gates for wheel chairs | | Yes | No | | |
| Bridges & Culverts | | Yes | No | | |
| Play Area | | Yes | No | | |
| Gazebos | | Yes | No | | |
| Benches/ sitting arrangements | | Yes | No | | |
| Boundary Wall & Gate | | Yes | No | | |
| Toilets | | Yes | No | | |
| Lakes & Brooks | | Yes | No | | |
| Mechanical Equipment | | | | | |
| Pumping Units | | Yes | No | | |
| Swings | | Yes | No | | |
| Children Games | | Yes | No | | |
| Fixtures | | Yes | No | | |
| Benches | | Yes | No | | |
| Sanitation & Water Supply | | | | | |
| Litter Bins | | Yes | No | | |
| Condition of SWM | | Good | Fair | | |
| Toilet Fixtures | | Yes | No | | |
| Sewerage System | | Yes | No | | |
| Vegetation Cuttings & Disposal | | Yes | No | | |
| Drinking water availability and quality (based on availability of water quality test reports) | | Not Available | | | |
| Water Pipes | | Yes | No | | |
| HR | | | | | |
| Security Guards | | Yes | No | | |
| Landscape Experts | | Yes | No | | |
| Mali / Beldaar (Number) | | 1 | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| • No remarks | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | |  Sign & Date: 30 May 2023 | |





| | | |
|------------------------------|------------------------|---|
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |
|------------------------------|------------------------|---|

| Integrated Development and Asset Management Plan (IDAMP) | | | | | |
|--|------------------------------------|-----------|------|---|---|
| Municipal Committee Bahawalnagar | | | | | |
| Form: IDAMP-A10 | Park Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | |
| Name | Khalid Maqbool | | | Pictures | |
| Location | Latitude | 29.998343 | | | |
| | Longitude | 73.243256 | | | |
| Area In Acres | 7.5 | | |  | |
| Ownership-Owned by MC or possession allocated to MC by any other department (documents available) | MC | | | | |
| Turfing Condition | Good | Fair | Poor | | |
| Approach Road | Good | Fair | Poor | | |
| Parking Lots | Yes | | No | | |
| Canteen Availability | Yes | | No | | |
| Average number of daily visitors (based on the assessment of MC staff) | 800-1000 | | | | |
| Any illegal occupants or encroachments observed-if yes, type | No | | | | |
| Security system | Yes | | No | | |
| Watering & Irrigation | | | | | |
| Tube Well | Yes | | No |  | |
| Water Supply from Municipal System | Yes | | No | | |
| Water Tank | Yes | | No | | |
| Pumping Unit | Yes | | No | | |
| Distribution Pipe Lines | Yes | | No | | |
| Valves | Yes | | No | | |
| Sprinkler System | Yes | | No | | |
| Ground water storage reservoirs/ponds | Yes | | No | | |
| Landscaping & Plantation | | | | | |
| Grass Beds | Yes | | No | |  |
| Flower Beds | Yes | | No | | |
| Hedges | Yes | | No | | |
| Plants | Yes | | No | | |
| Number of trees and species (based on readily available information at MC) | 50-60 | | | | |


| Lights | | | | | |
|--|---------------|-------|------|------|---------|
| Total Number | | 10-12 | | | |
| Poles | Yes | No | | | |
| Cables | Yes | No | | | |
| Brackets And Lights | Yes | No | | | |
| Bulbs And Tubes | Yes | No | | | |
| Control Units | Yes | No | | | |
| Structures | | | | | |
| No. of Toilets | Gents | 0 | | | |
| | Ladies | 0 | | | |
| Condition of Toilets | Gents | - | | | |
| | Ladies | - | | | |
| Buildings | Yes | No | | | |
| Fountains & Water Fall Structure | Yes | No | | | |
| Walkways | Yes | No | | | |
| Jogging tracks | Yes | No | | | |
| Ramps at entry gates for wheel chairs | Yes | No | | | |
| Bridges & Culverts | Yes | No | | | |
| Play Area | Yes | No | | | |
| Gazebos | Yes | No | | | |
| Benches/ sitting arrangements | Yes | No | | | |
| Boundary Wall & Gate | Yes | No | | | |
| Toilets | Yes | No | | | |
| Lakes & Brooks | Yes | No | | | |
| Mechanical Equipment | | | | | |
| Pumping Units | Yes | No | | | |
| Swings | Yes | No | | | |
| Children Games | Yes | No | | | |
| Fixtures | Yes | No | | | |
| Benches | Yes | No | | | |
| Sanitation & Water Supply | | | | | |
| Litter Bins | Yes | No | | | |
| Condition of SWM | Good | Fair | Poor | | |
| Toilet Fixtures | Yes | No | | | |
| Sewerage System | Yes | No | | | |
| Vegetation Cuttings & Disposal | Yes | No | | | |
| Drinking water availability and quality (based on availability of water quality test reports) | Not Available | | | | |
| Water Pipes | Yes | No | | | |
| HR | | | | | |
| Security Guards | Yes | No | | | |
| Landscape Experts | Yes | No | | | |
| Mali / Beldaar (Number) | 1 | | | | |
| Overall Rating | | | | | |
| Average Score | 1 | 2 | 3 | 4 | 5 |
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |
| Remarks / Requirements | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | |








| | | |
|--|---------------------------------|--|
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> |

Office Vehicles

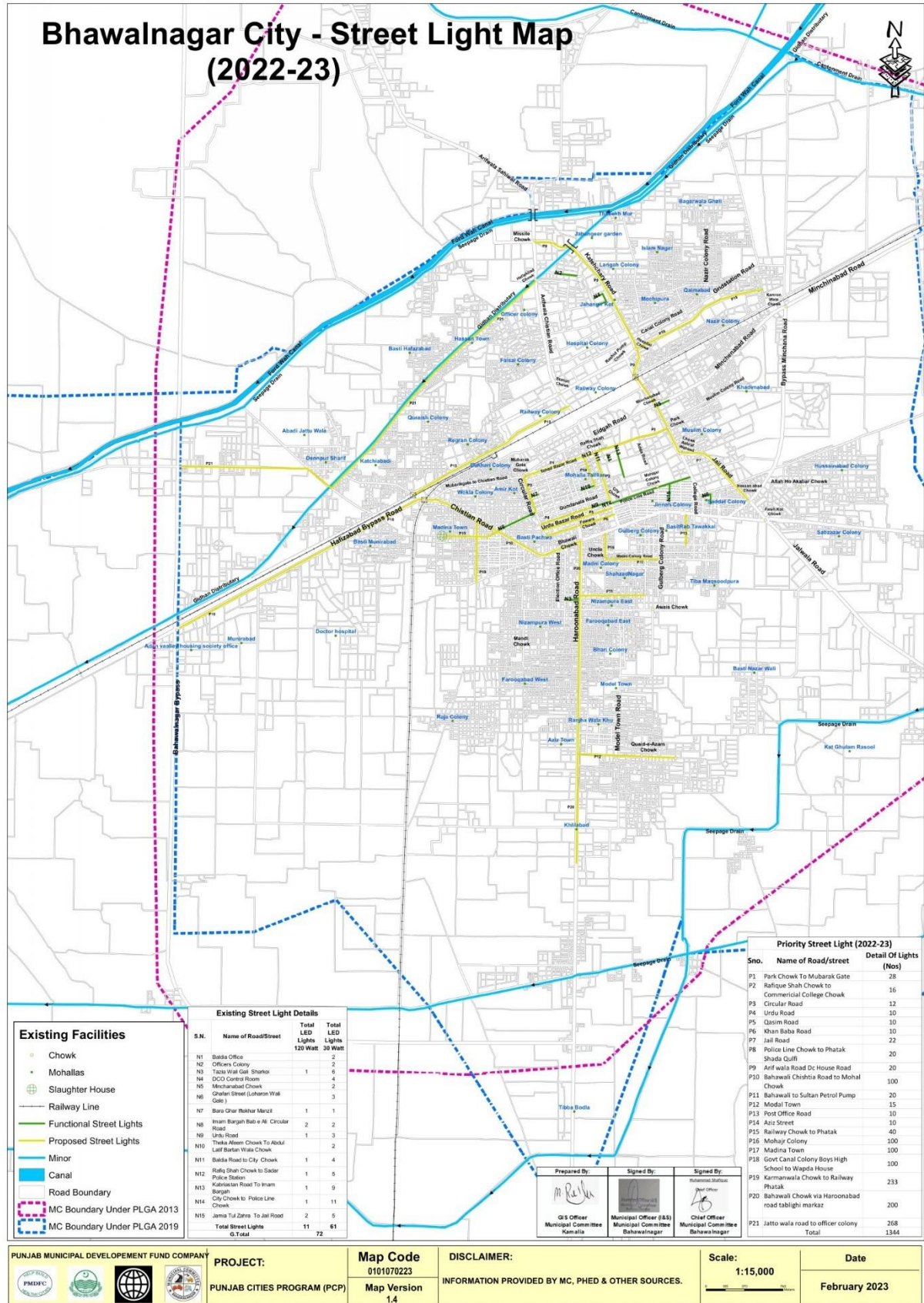
| Sr # | Name | Registration Number | Age (Years) | Condition | Capacity | Status | Book Value (PKR Mil) |
|------|-----------------------|---------------------|-------------|-----------|----------|----------------|----------------------|
| 1 | Suzuki | BNA 8059 | 33 | Fair | 1000 CC | Functional | 0.2 |
| 2 | Suzuki | BNF 4 | 20 | Failing | 1000 CC | Abandoned | 0.1 |
| 3 | Suzuki | BNE 16 | 24 | Poor | 1000 CC | Non-Functional | 0.1 |
| 4 | Yamaha (Out of order) | Bike# 6646 | 33 | Poor | 100 CC | Non-Functional | 0.1 |
| 5 | Suzuki | BNE 262 | 21 | Fair | 1000 CC | Functional | 0.2 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | |
|--|--|---------------|---------------------------------------|---------------|
| Municipal Committee Bahawalnagar | | | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 | |
| Type of Vehicle / Machinery | Pictures | | | |
| Cars |  | | | |
| | Suzuki 1 | Suzuki 2 | Suzuki 3 | Suzuki 4 |
| Capacity | 1000 CC | 1000 CC | 1000 CC | 1000 CC |
| Purpose | Staff | Staff | Staff | Staff |
| Year of Manufacturing | 1990 | 2003 | 1999 | 2002 |
| Model | Potohar | Cultus | Khyber | Potohar |
| Capital Cost | | | | |
| Fuel Consumption (Lt) | 106 | Abandoned | Non Functional | 201 |
| Condition | Fair | Failing | Poor | Fair |
| Engine Capacity | 1000 CC | 1000 CC | 1000 CC | 1000 CC |
| Maintenance Cost | Not Available | Not Available | Not Available | Not Available |
| Oiling /Fitness | Yes | No | No | Yes |

| | | | | |
|--|---------------------------------|---------|--|---------|
| Fitness Certificate | No | No | No | No |
| Registered | BNA 8059 | BNF 4 | BNE 16 | BNE 262 |
| Overall Rating | Fair | Failing | Poor | Fair |
| Remarks / Requirements | | | | |
| <ul style="list-style-type: none"> No remarks | | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> | |  <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> | |  <i>Sign & Date: 30 May 2023</i> | |


| Integrated Development and Asset Management Plan (IDAMP) | | |
|--|--|---|
| Municipal Committee Bahawalnagar | | |
| Form: IDAMP-A16 | Moveable Asset Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 |
| Type of Vehicle / Machinery | Pictures | |
| Bike-Yamaha |  | |
| Capacity | 100 CC | |
| Purpose | Staff | |
| Year of Manufacturing | 1990 | |
| Model | YB-100 | |
| Capital Cost | | |
| Fuel Consumption (Lt) | Non-Functional | |
| Condition | Poor | |
| Engine Capacity | 100 CC | |
| Maintenance Cost | Not Available | |
| Oiling /Fitness | No | |
| Fitness Certificate | No | |
| Registered | Bike# 6646 | |
| Overall Rating | Poor | |
| Remarks / Requirements | | |
| <ul style="list-style-type: none"> No remarks | | |
| Data Collected By: Mr. Abdullah | Designation: Team Member |  Sign & Date: 30 May 2023 |
| Data Checked By: Mr. M. Fiaz | Designation: Team Lead |  Sign & Date: 30 May 2023 |



Street lights



| | Streetlights | MC Operated | Privately Operated |
|-------------------------------|--------------|-------------|--------------------|
| Operational Street Lights | 254 | 254 | |
| Non-Operational Street Lights | 219 | 219 | |
| Total | 473 | 473 | 0 |

| Operated by | Precast Concrete | Steel Structure | Tubular Steel | Wall | Grand Total |
|-------------|------------------|-----------------|---------------|------|-------------|
| MC | 48 | 38 | 249 | 17 | 72 |
| Private | | | | | 0 |

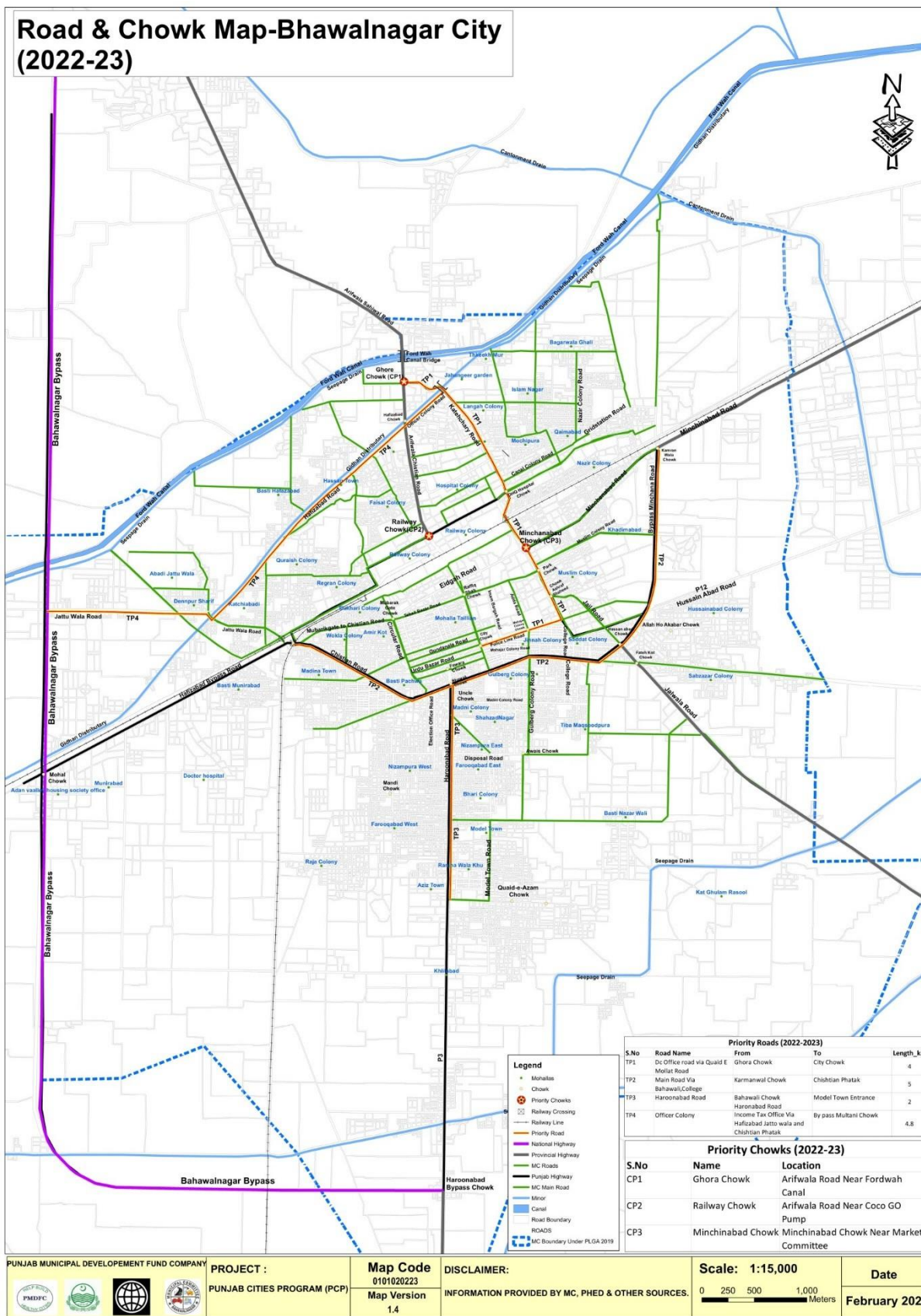
| Integrated Development and Asset Management Plan (IDAMP) | | | |
|---|--|--------------------|---|
| Municipal Committee Bahawalnagar | | | |
| Form: IDAMP-A9 | Street Lights Asset Condition Assessment | | Asset Code: _____ Date: 02-05-2023 |
| Pictures | | | |
|  | | | |
| Area | Total | Operational Status | Poles Type (WAPDA Pole / MC Pole) |
| Dak khana Chowk | 14 | Not Available | Not Available |
| Larri Adda Chowk | 19 | Not Available | Not Available |
| Manchanabad Road | 62 | Not Available | Not Available |
| Manchanabad Cantt Road | 112 | Not Available | Not Available |
| Degree College Road | 34 | Not Available | Not Available |
| Bahawali Chowk | 46 | Not Available | Not Available |
| Hussainabad Chowk | 40 | Not Available | Not Available |
| Jalwala Road | 28 | Not Available | Not Available |
| Mahajar Colony | 5 | Not Available | Not Available |
| Fire Brigades Road | 17 | Not Available | Not Available |
| Urdu Bazar | 13 | Not Available | Not Available |
| Circular Road 1 | 25 | Not Available | Not Available |

| | | | |
|--|---------------------------------|--|---------------|
| Circular Road 2 | 15 | Not Available | Not Available |
| Madni Colony | 14 | Not Available | Not Available |
| Rafeeq Shah Chowk | 24 | Not Available | Not Available |
| Model Town | 5 | Not Available | Not Available |
| Remarks / Requirements | | | |
| <ul style="list-style-type: none"> No remarks | | | |
| <i>Data Collected By: Mr. Abdullah</i> | <i>Designation: Team Member</i> |  <i>Sign & Date: 30 May 2023</i> | |
| <i>Data Checked By: Mr. M. Fiaz</i> | <i>Designation: Team Lead</i> |  <i>Sign & Date: 30 May 2023</i> | |

Out of the 473 lights in the MC, 254 lights are operational. Details are given in the following table:

| Equipment Type | Wattage of Lighting Fixture | Quantity | | Daily Operational Hours |
|----------------|-----------------------------|----------|---------|-------------------------|
| | | MC | Private | |
| LED | 27 | 10 | | 12.0 |
| LED | 30 | 50 | | 12.0 |
| LED | 50 | 7 | | 12.0 |
| LED | 60 | 183 | | 12.0 |
| LED | 120 | 3 | | 12.0 |
| Mercury Bulb | 150 | 1 | | 12.0 |

6. Roads





| Sr # | Road Name | Existing Type | Length (km) |
|------|---|---------------|-------------|
| 1 | City School Chowk to Thana City via Imam Bargah | T.S.T | 0.45 |
| 2 | Jamia Masjid Nadir Shah Bazar via Mubark Gate | T.S.T | 0.55 |
| 3 | Circular Road to Bukhara Hotal Chowk via Theka Afeon | T.S.T | 0.45 |
| 4 | Imam Bargah Aftab Manzil To Chowk Band Gali Peer Gee | T.S.T | 0.22 |
| 5 | Gali No. 07 Mosmiat to 22 Ft Road via Mosimat office | T.S.T | 0.76 |
| 6 | Waheed Arshad Chowk to Degree College Madni Colony Watto Chowk | T.S.T | 0.98 |
| 7 | Madni Colony Gali No. 14 to Mohal Chowk Degree College Road via Abadi Tiba Maqsood pura | T.S.T | 0.64 |
| 8 | Mubark Gate Chwok to Chishtian Phatk via Takia Mohsin Shah | T.S.T | 0.51 |
| 9 | Noori Street AC office Chowk to Disposal Islam Nagar | T.S.T | 0.64 |
| 10 | Masjid Ehlahadis Chowk to Naik Wali Chaki | T.S.T | 0.22 |
| 11 | Colony High School Chowk To Store Wali Gali via WAPDA scarp | T.S.T | 0.58 |
| 12 | Graveyard Quresh Colony to Nehr Officer Colony with roads faisal colony | T.S.T | 0.27 |
| 13 | Main Road Modal Town Dr Mushtaq to Rao Munawr Block Y House No. 132 | T.S.T | 0.26 |
| 14 | Link road Ali Ahmad Mahar to Abdur Rehman House | T.S.T | 0.11 |
| 15 | Peer Sabir Chishti House No. 172 to Ch House House No. 166 | T.S.T | 0.11 |
| 16 | House Asim Khan to House Sarfraz Chohan | T.S.T | 0.15 |
| 17 | Degree College main road | T.S.T | 0.3 |
| 18 | Link road millat rice factory to kat rajey wali | T.S.T | 0.4 |
| 19 | Disposal road Madina Town from Chishtian Road to Slaughter House | T.S.T | 0.3 |
| 20 | Circular Road to Khalid Cloth House Ganda Nala Road | T.S.T | 0.35 |
| 21 | Old election office street behind Azmat Flying Coach to Street Ishaq Babu | T.S.T | 0.8 |
| 22 | UBL Chowk Minchinabad Road to WAPDA Rest House, Tower Road | T.S.T | 0.4 |
| 23 | Shop Syed Aslam Shah to Ara Machine Street Faisal Colony | T.S.T | 0.5 |
| 24 | Quresh Colony Road to Gate Grave Yard East & West | T.S.T | 1 |
| 25 | Khadim Abad Road behind Chaki Allah Dad Road to House Yousaf Abassi | T.S.T | 0.2 |
| 26 | Khadim Abad Road Shamoon House to House Hafiz Yaseen | T.S.T | 0.3 |
| 27 | Haji Aslam street to house shabrati behind Masjid Khadim Abad | T.S.T | 0.3 |
| 28 | Haroon Abad Road Disposal Road to Street Ishaq Bhatti | T.S.T | 0.55 |
| 29 | Street Malik Liaqat Shahzad Nagar | T.S.T | 0.3 |
| 30 | Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town | T.S.T | 0.35 |
| 31 | Muslim colony road in front of Jail to Chowk Hussain Abad | T.S.T | 0.35 |
| 32 | Loharan Wala Chowk to College Road Sadat Colony | T.S.T | 0.2 |
| 33 | Street Sajid Mehmood Sadat Colony | T.S.T | 0.2 |

| Sr # | Road Name | Existing Type | Length (km) |
|------|---|---------------|-------------|
| 34 | Degree College Road to House Amjid Pirzada Sadat Colony | T.S.T | 0.3 |
| 35 | Loharan Wala Chowk to Masjid Zia ur Rehman | T.S.T | 0.2 |
| 36 | Street Khalil Patwari Sadat Colony | T.S.T | 0.3 |
| 37 | Street Mustafa Gill Sadat Colony | T.S.T | 0.2 |
| 38 | Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera | T.S.T | 0.2 |
| 39 | Mandi Hussain Abad Road | T.S.T | 0.4 |
| 40 | Street Sh. Jamil Mohajir Colony | T.S.T | 0.2 |
| 41 | Urdu Road to Attiq Medical Store Tehsil Bazar | T.S.T | 0.3 |
| 42 | Degree College Road to Tagar House Gulberg Colony | T.S.T | 0.5 |
| 43 | Quresh Colony Phatak to Khalid Maqbol Park to link Chishtian Road | T.S.T | 0.3 |
| 44 | Gala Mandi Eastern Gate towards House Seith Khalid Iqbal | T.S.T | 0.2 |
| 45 | Street No. 04 Shahzad Nagar | T.S.T | 0.25 |
| 46 | Street No. 05 Shahzad Nagar | T.S.T | 0.2 |
| 47 | Street No. 06 Shahzad Nagar | T.S.T | 0.2 |
| 48 | Street No. 01 Muslim Colony | T.S.T | 0.13 |
| 49 | Govt. Boys High school Road | T.S.T | 1.5 |
| 50 | Kholid Maqbool Park Road | T.S.T | 1 |
| 51 | Gao Shalah Road | T.S.T | 1 |
| 52 | Haronabad Road | T.S.T | 1 |
| 53 | Mohajr Colony | T.S.T | 0.5 |
| 54 | Minchinabad Road | T.S.T | 1.5 |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|--|-----------|---------------------------------|---------------------------------------|------------------|---------------------|-----------|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A8 | Road Asset Condition Assessment | | | Asset Code: _____ Date: 02-05-2023 | | | |
| Pictures | | | | | | | |
| | | | | | | | |
| Sr. No. | Road Name | Ownership | TST, Asphalt Or Concrete Pavers | Row (Ft) | Paved Width (Ft) | Approx. Length (Km) | Condition |
| 1 | City School Chowk to Thana City via Imam Bargah | MC | TST | | | 0.45 | Poor |
| 2 | Jamia Masjid Nadir Shah Bazar via Mubark Gate | MC | TST | | | 0.55 | Poor |
| 3 | Circular Road to Bukhara Hotal Chowk via Theka Afeon | MC | TST | | | 0.45 | Poor |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|--|---------------------------------------|-----|--|--|------|------|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A8 | Road Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 | | | | | |
| 4 | Imam Bargah Aftab Manzil To Chowk Band Gali Peer Gee | MC | TST | | | 0.22 | Poor |
| 5 | Gali No. 07 Mosmiat to 22 Ft Road via Mosimat office | MC | TST | | | 0.76 | Poor |
| 6 | Waheed Arshad Chowk to Degree College Madni Colony Watto Chowk | MC | TST | | | 0.98 | Poor |
| 7 | Madni Colony Gali No. 14 to Mohal Chowk Degree College Road via Abadi Tiba Maqsod pura | MC | TST | | | 0.64 | Poor |
| 8 | Mubark Gate Chwok to Chishtian Phatk via Takia Mohsin Shah | MC | TST | | | 0.51 | Poor |
| 9 | Noori Street AC office Chowk to Disposal Islam Nagar | MC | TST | | | 0.64 | Poor |
| 10 | Masjid Ehlahadis Chowk to Naik Wali Chaki | MC | TST | | | 0.22 | Poor |
| 11 | Colony High School Chowk To Store Wali Gali via WAPDA scarp | MC | TST | | | 0.58 | Poor |
| 12 | Graveyard Quresh Colony to Nehr Officer Colony with roads faisal colony | MC | TST | | | 0.27 | Poor |
| 13 | Main Road Modal Town Dr Mushtaq to Rao Munawr Block Y House No. 132 | MC | TST | | | 0.26 | Poor |
| 14 | Link road Ali Ahmad Mahar to Abdur Rehman House | MC | TST | | | 0.11 | Poor |
| 15 | Peer Sabir Chishti House No. 172 to Ch House House No. 166 | MC | TST | | | 0.11 | Poor |
| 16 | House Asim Khan to House Sarfraz Chohan | MC | TST | | | 0.15 | Poor |
| 17 | Degree College main road | MC | TST | | | 0.30 | Poor |
| 18 | Link road millat rice factory to kat rajey wali | MC | TST | | | 0.40 | Poor |
| 19 | Disposal road Madina Town from Chishtian Road to Slaughter House | MC | TST | | | 0.30 | Poor |
| 20 | Circular Road to Khalid Cloth House Ganda Nala Road | MC | TST | | | 0.35 | Poor |
| 21 | Old election office street behind Azmat Flying Coach to Street Ishaq Babu | MC | TST | | | 0.80 | Poor |
| 22 | UBL Chowk Minchinabad Road to WAPDA Rest House, Tower Road | MC | TST | | | 0.40 | Poor |
| 23 | Shop Syed Aslam Shah to Ara Machine Street Faisal Colony | MC | TST | | | 0.50 | Poor |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|---|---------------------------------------|-----|--|--|------|------|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A8 | Road Asset Condition Assessment | Asset Code: _____ Date: 02-05-2023 | | | | | |
| 24 | Quresh Colony Road to Gate Grave Yard East & West | MC | TST | | | 1.00 | Poor |
| 25 | Khadim Abad Road behind Chaki Allah Dad Road to House Yousaf Abassi | MC | TST | | | 0.20 | Poor |
| 26 | Khadim Abad Road Shamoon House to House Hafiz Yaseen | MC | TST | | | 0.30 | Poor |
| 27 | Haji Aslam street to house shabrati behind Masjid Khadim Abad | MC | TST | | | 0.30 | Poor |
| 28 | Haroon Abad Road Disposal Road to Street Ishaq Bhatti | MC | TST | | | 0.55 | Poor |
| 29 | Street Malik Liaqat Shahzad Nagar | MC | TST | | | 0.30 | Poor |
| 30 | Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town | MC | TST | | | 0.35 | Poor |
| 31 | Muslim colony road in front of Jail to Chowk Hussain Abad | MC | TST | | | 0.35 | Poor |
| 32 | Loharan Wala Chowk to College Road Sadat Colony | MC | TST | | | 0.20 | Poor |
| 33 | Street Sajid Mehmood Sadat Colony | MC | TST | | | 0.20 | Poor |
| 34 | Degree College Road to House Amjid Pirzada Sadat Colony | MC | TST | | | 0.30 | Poor |
| 35 | Loharan Wala Chowk to Masjid Zia ur Rehman | MC | TST | | | 0.20 | Poor |
| 36 | Street Khalil Patwari Sadat Colony | MC | TST | | | 0.30 | Poor |
| 37 | Street Mustafa Gill Sadat Colony | MC | TST | | | 0.20 | Poor |
| 38 | Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera | MC | TST | | | 0.20 | Poor |
| 39 | Mandi Hussain Abad Road | MC | TST | | | 0.40 | Poor |
| 40 | Street Sh. Jamil Mohajir Colony | MC | TST | | | 0.20 | Poor |
| 41 | Urdu Road to Attiq Medical Store Tehsil Bazar | MC | TST | | | 0.30 | Poor |
| 42 | Degree College Road to Tagar House Gulberg Colony | MC | TST | | | 0.50 | Poor |
| 43 | Quresh Colony Phatak to Khalid Maqbol Park to link Chishtian Road | MC | TST | | | 0.30 | Poor |
| 44 | Gala Mandi Eastern Gate towards House Seith Khalid Iqbal | MC | TST | | | 0.20 | Poor |
| 45 | Street No. 04 Shahzad Nagar | MC | TST | | | 0.25 | Poor |

| Integrated Development and Asset Management Plan (IDAMP) | | | | | | | |
|--|------------------------------------|--------------------------|-----|--|---|------|------|
| Municipal Committee Bahawalnagar | | | | | | | |
| Form: IDAMP-A8 | Road Asset Condition Assessment | | | | Asset Code: _____ Date: 02-05-2023 | | |
| 46 | Street No. 05 Shahzad Nagar | MC | TST | | | 0.20 | Poor |
| 47 | Street No. 06 Shahzad Nagar | MC | TST | | | 0.20 | Poor |
| 48 | Street No. 01 Muslim Colony | MC | TST | | | 0.13 | Poor |
| 49 | Govt. Boys High school Road | MC | TST | | | 1.5 | Poor |
| 50 | Khlid Maqbool Park Road | MC | TST | | | 1.0 | Poor |
| 51 | Gao Shalah Road | MC | TST | | | 1.0 | Poor |
| 52 | Haronabad Road | MC | TST | | | 1.0 | Poor |
| 53 | Mohajr Colony | MC | TST | | | 0.5 | Poor |
| 54 | Minchinabad Road | MC | TST | | | 1.5 | Poor |
| Remarks / Requirements | | | | | | | |
| <ul style="list-style-type: none"> No remarks | | | | | | | |
| Data Collected By: Mr. Abdullah | | Designation: Team Member | | |  Sign & Date: 30 May 2023 | | |
| Data Checked By: Mr. M. Fiaz | | Designation: Team Lead | | |  Sign & Date: 30 May 2023 | | |

Annexure B. Projects Coding Scheme:

| Region Name | Region Code | MC | MC Code | Property Types | Property Type Code | Sub Property Types | Sub Property Type Code | Unique Codes |
|---------------------|-------------|----------------|---------|-------------------------------|--------------------|---------------------------|------------------------|----------------|
| Southern Punjab | 03 | Bahawalnagar | 12 | Water Supply System | 01 | Tube wells | 01 | 03-12-01-01-XX |
| | | | | | | Water Supply Network (ft) | 02 | 03-12-01-02-XX |
| | | | | | | OHR | 03 | 03-12-01-03-XX |
| | | | | | | Filtration Plants | 04 | 03-12-01-04-XX |
| | | | | | | Vehicles | 05 | 03-12-01-05-XX |
| | | | | | | GST | 06 | 03-12-01-06-XX |
| | | | | Sewerage System | 02 | Sewerage Network (ft) | 01 | 03-12-02-01-XX |
| | | | | | | Disposal Stations | 02 | 03-12-02-02-XX |
| | | | | | | Vehicles | 03 | 03-12-02-03-XX |
| | | | | Solid Waste Management System | 03 | Dumping site | 01 | 03-12-03-01-XX |
| | | | | | | Vehicles | 02 | 03-12-03-02-XX |
| | | | | | | Parking Shed | 03 | 03-12-03-03-XX |
| | | | | Roads and Streets | 04 | Roads | 01 | 03-12-04-01-XX |
| | | | | | | Street | 02 | 03-12-04-02-XX |
| | | | | | | Street light | 03 | 03-12-04-03-XX |
| | | | | Public Places | 05 | Parks | 01 | 03-12-05-01-XX |
| | | | | | | Playgrounds | 02 | 03-12-05-02-XX |
| | | | | | | Open Spaces / Plots | 03 | 03-12-05-03-XX |
| | | | | | | Bus Stand | 04 | 03-12-05-04-XX |
| | | | | | | Library | 05 | 03-12-05-05-XX |
| Slaughter Houses | 06 | 03-12-05-06-XX | | | | | | |
| Graveyards | 07 | 03-12-05-07-XX | | | | | | |
| Masjid/ Imam bargah | 08 | 03-12-05-08-XX | | | | | | |

| Region Name | Region Code | MC | MC Code | Property Types | Property Type Code | Sub Property Types | Sub Property Type Code | Unique Codes |
|-------------|-------------|----|---------|----------------|--------------------|----------------------|------------------------|----------------|
| | | | | | | Shops | 09 | 03-12-05-09-XX |
| | | | | Others | 06 | Office buildings | 01 | 03-12-06-01-XX |
| | | | | | | Office vehicles | 02 | 03-12-06-02-XX |
| | | | | | | Residential building | 03 | 03-12-06-03-XX |

Annexure C. Project Screening and Phasing

Project ID: 03-12-02-01-01

Project Description : Improvement of Existing Sewerage System and Disposal Stations for Bahawalnagar City

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|---|--------------|-----------------|------------|--------------------------|------------------------------|---|------------------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Significant contribution | 10 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Major immediate consequences | 10 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Greater than 20% | 7.5 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | | |
|----------------------------------|---|--------------|------------------|------------|--|---|----------------|---------------------|------------------|-----|
| | network, media, or business organizations? | | | 5 | Majority support | | | | | |
| | | | | 2.5 | Minority support | | | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of the new facility? | | | 2.5 | 0 | | | Majority opposition | Majority support | 2.5 |
| | | | | | 0.5 | | | Minority opposition | | |
| | | 2.5 | Majority support | | | | | | | |
| | | 1.5 | Minority support | | | | | | | |
| 3. Environmental Impact | | | | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 | | | |
| | | | | 5 | Neutral | | | | | |
| | | | | 10 | Positive effects on the quality of the local environment | | | | | |
| 4. Socio-Economic Impact | | | | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | No direct revenue | 0 | | | |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | | | | |
| | | | | 5 | Revenue meets O&M costs | | | | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | | | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 7.5 | 7.5 | 0 | Negative impact on the local economy | Additional investment in the area and increased wealth for citizens | 5 | | | |
| | | | | 2.5 | Little or no long-term economic development benefits | | | | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | | | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | | | | |
| 5. Ease of Implementation | | | | | | | | | | |
| 5.1 | | 30 | 10 | 10 | Yes | Yes | 10 | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|-----------------------------|---|--------------|-----------------|------------|--------------------|--|--|-----|
| | Has land been acquired for the project (If required)? | | | 0 | No | | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | | 5 | | 5 | Yes | Yes | 5 |
| | | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | | 5 | | 1 | Difficult | Standard | 2.5 |
| | | | | | 2.5 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | | 1 | Difficult | Standard | 3 |
| | | | | | 3 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | | 0 | Outside expertise needed for construction, O &M | Outside expertise needed for construction phase only | 1 |
| | | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | | 3 | Outside expertise needed for preparation phase i.e., feasibility studies | | |
| | | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 81.5 | |

Project ID: 03-12-05-01-01

Project Description : Improvement and Rehabilitation of Parks in Bahawalnagar City

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|--|---|--------------|-----------------|------------|------------------------------|---|---------------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | |
| | | | | 7.5 | Major contribution | | | |
| | | | | 10 | Significant contribution | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 10 | 10 | 0 | No contribution. | Minor direct contribution | 7.5 |
| | | | | | 2.5 | Indirect contribution. | | |
| | | | | | 7.5 | Minor direct contribution | | |
| | | | | 10 | 10 | Major contribution to key development goal. | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | 10 | 10 | 0 | No consequences | Major future consequences | 7.5 |
| | | | | | 2.5 | Minor consequences | | |
| | | 7.5 | | | Major future consequences | | | |
| | | 10 | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | |
| 2.1 | Population served by the project. | 15 | 7.5 | 1 | Less than 10% | Greater than 20% | 7.5 | |
| | | | | 5 | Between 10% to 20% | | | |
| | | | | 7.5 | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media, or business organizations? | | 5 | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | | 1 | Minority opposition | | |
| | | | | | 5 | Majority support | | |
| | | | | 2.5 | 2.5 | Minority support | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | | 2.5 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | 0.5 | Minority opposition | | |
| | | 2.5 | | | Majority support | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | No direct revenue | 0 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long-term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long-term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Standard | 2.5 |
| | | | | 2.5 | Standard | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|-----------------------------|---|--------------|-----------------|------------|--------------------|--|--|---|
| | | | | 5 | Easy | | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 5 | 1 | Difficult | Standard | 3 |
| | | | | | 3 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 5 | 0 | Outside expertise needed for construction, O &M | Outside expertise needed for construction phase only | 1 |
| | | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | | 3 | Outside expertise needed for preparation phase i.e., feasibility studies | | |
| | | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 71.5 | |

Project ID: 03-12-04-03-01
 Project Description : Replacement of Streetlights

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|---|--------------|-----------------|------------|--------------------------|------------------------------|---------------------------|--------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Minor contribution | 2.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Indirect contribution. | 2.5 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Minor consequences | 2.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Less than 10% | 1 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media, or business organizations? | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |
| | | | | 5 | | Majority support | | | |
| | | | | 2.5 | | Minority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | | | 15 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |
| | | 2.5 | | | | Majority support | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long-term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long-term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Easy | 5 |
| | | | | 2.5 | Standard | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | | | | 5 | Easy | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Easy | 5 |
| | | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e., feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 62 |

Project ID: 03-12-05-04-01

Project Description : Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|---|--------------|-----------------|------------|--------------------------|------------------------------|---------------------------|--------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Minor contribution | 2.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Indirect contribution. | 2.5 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Minor consequences | 2.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Less than 10% | 1 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media, or business organizations? | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |
| | | | | 5 | | Majority support | | | |
| | | | | 2.5 | | Minority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | | | 15 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |
| | | 2.5 | | | | Majority support | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long-term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long-term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Easy | 5 |
| | | | | 2.5 | Standard | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | | | | 5 | Easy | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Easy | 5 |
| | | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e., feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 62 |

Project ID: 03-12-05-06-01

Project Description : Rehabilitation of slaughterhouse

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|---|--------------|-----------------|------------|--------------------------|---------------------------|------------------------------|---------------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Minor direct contribution | 7.5 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Major future consequences | 7.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 30 | | | 10 | 10 | Major immediate consequences | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | | 15 | | 7.5 | 1 | Less than 10% | Greater than 20% | 7.5 |
| | | | | | | 5 | Between 10% to 20% | | |
| | | | | 7.5 | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media, or business organizations? | | | 15 | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | | | 1 | Minority opposition | | |
| | | 5 | | | | Majority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of the new facility? | 15 | | | 2.5 | 2.5 | Minority support | Majority support | 2.5 |
| | | | | | | 0 | Majority opposition | | |
| | | | | | | 0.5 | Minority opposition | | |
| | | | 15 | | 2.5 | 2.5 | Majority support | Majority support | 2.5 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | 2.5 | 1.5 | 1.5 | Minority support | Majority support | 2.5 |
| | | | | | | | | | |
| | | | | | | | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|---|--------------|-----------------|------------|--|--|----------------|
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Direct revenue is not sufficient to meet O&M costs | 2.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long-term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long-term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Standard | 2.5 |
| | | | | 2.5 | Standard | | |
| | | | | 5 | Easy | | |
| 5.4 | | 30 | 5 | 1 | Difficult | Standard | 3 |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|--|--|----------------|
| | Ease of implementation of project in respect of technical design? | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O &M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e., feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| | | | | | | | |
| Total Achieved Score | | | | | | | 74 |

Project ID: 03-12-01-01-01
 Project Description : Improvement of Water Supply scheme

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|--------------------------|------------------------------|---|---------------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Significant contribution | 10 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Major future consequences | 7.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Greater than 20% | 7.5 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |
| | | | | 5 | | Majority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate | | | 15 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |
| | | | | | | 2.5 | Majority support | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|
| | vicinity of the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | No direct revenue | 0 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 5 | 5 | 1 | Difficult | Standard | 2.5 |
| | | | | 2.5 | Standard | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|-----------------------------|---|--------------|-----------------|------------|--------------------|--|--|---|
| | | | | 5 | Easy | | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | | 5 | 1 | Difficult | Standard | 3 |
| | | | | | 3 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for Construction phase only | 1 |
| | | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | | 3 | Outside expertise needed for preparation phase i.e feasibility studies | | |
| | | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 76.5 | |

Project ID: 03-12-01-06-01

Project Description : Construction of Underground Water Storage Tank

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|--------------------------|------------------------------|---|---------------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Significant contribution | 10 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Major future consequences | 7.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Greater than 20% | 7.5 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |
| | | | | 5 | | Majority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity | | | 15 | 2.5 | 2.5 | Minority support | Majority support | 2.5 |
| | | | | | | 0 | Majority opposition | | |
| | | | | | | 0.5 | Minority opposition | | |
| | | | | | | 2.5 | Majority support | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|
| | of the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | No direct revenue | 0 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Little or no long term economic development benefits | 2.5 |
| | | | | 2.5 | Little or no long term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Standard | 2.5 |
| | | | | 2.5 | Standard | | |
| | | | | 5 | Easy | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|---|--|----------------|
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Standard | 3 |
| | | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e. feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 76.5 |

Project ID: 03-12-06-01-01

Project Description : Solarization of the municipal buildings

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|--------------------------|------------------------------|---|--------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 0 | No consequences | Minor consequences | 2.5 |
| | | | | | | 2.5 | Minor consequences | | |
| | | | | | | 7.5 | Major future consequences | | |
| | | 10 | | | | Major immediate consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | | | 7.5 | 1 | Less than 10% | Less than 10% | 1 |
| | | | 5 | | | Between 10% to 20% | | | |
| | | | 7.5 | | | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | | 15 | | 5 | 0 | Majority opposition | Majority support | 5 |
| | | | | 1 | | Minority opposition | | | |
| | | | | 5 | | Majority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate | | | 15 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |
| | | | | | | 2.5 | Majority support | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|
| | vicinity of the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Significant competitive advantage to industry and boost to the local economy | 7.5 |
| | | | | 2.5 | Little or no long term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Easy | 5 |
| | | | | 2.5 | Standard | | |
| | | | | 5 | Easy | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|---|--|----------------|
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Easy | 5 |
| | | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e. feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 79.5 |

Project ID: 03-12-02-01-02

Project Description : Solarization of Tube wells and Water Supply System

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|--------------------------|---------------------------|---|--------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 10 | Major contribution to key development goal. | Minor consequences | 2.5 |
| | | | | | | 0 | No consequences | | |
| | | | | | | 2.5 | Minor consequences | | |
| | | 7.5 | | | | Major future consequences | | | |
| | | 30 | | | | 10 | Major immediate consequences | | |
| | | | | | | 0 | No consequences | | |
| | | | 2.5 | | | Minor consequences | | | |
| | | | 7.5 | | | Major future consequences | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | | 15 | 7.5 | 1 | Less than 10% | Less than 10% | 1 | |
| | | | | | 5 | Between 10% to 20% | | | |
| | | | | | 7.5 | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | | | 15 | 5 | 0 | Majority opposition | Majority support | 5 |
| | | 1 | | | | Minority opposition | | | |
| | | 5 | | | | Majority support | | | |
| | | 2.5 | | | | Minority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | 15 | | | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|-----|--|
| | the new facility? | | | 2.5 | Majority support | | | | |
| | | | | 1.5 | Minority support | | | | |
| 3. Environmental Impact | | | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 | | |
| | | | | 5 | Neutral | | | | |
| | | | | 10 | Positive effects on the quality of the local environment | | | | |
| 4. Socio-Economic Impact | | | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 | | |
| | | | | | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs |
| | | | | | | | | 5 | Revenue meets O&M costs |
| | | | | | | | | 7.5 | Revenue exceeds O&M costs |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Significant competitive advantage to industry and boost to the local economy | 7.5 | | |
| | | | | | | | | 2.5 | Little or no long term economic development benefits |
| | | | | | | | | 5 | Additional investment in the area and increased wealth for citizens |
| | | | | | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy |
| 5. Ease of Implementation | | | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 | | |
| | | | | | | | | 0 | No |
| 5.2 | Has funding been secured/allocated within the Local Government budget or | 30 | 5 | 5 | Yes | Yes | 5 | | |
| | | | | | | | | 0 | No |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|-----------------------------|---|--------------|-----------------|------------|-----------------------------|---|--|---|
| | whether the external sources of funding have been secured? | | | | | | | |
| 5.3 | Will the project get approval from higher levels of Government? | | 5 | | 1 | Difficult | Easy | 5 |
| | | | | | 2.5 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | | 1 | Difficult | Easy | 5 |
| | | | | | 3 | Standard | | |
| | | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | | 3 | Outside expertise needed for preparation phase i.e. feasibility studies | | |
| | | 5 | | | No outside expertise needed | | | |
| Total Achieved Score | | | | | | | 79.5 | |

Project ID:

03-12-02-02-01

Project Description :

Solarization of pumps and disposal stations

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|---|---------------------------|---|-----|--|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 10 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| | | | | 10 | Major contribution to key development goal. | | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | 10 | 10 | 0 | No consequences | Minor consequences | 2.5 | |
| | | | | | 2.5 | Minor consequences | | | |
| | | 7.5 | | | Major future consequences | | | | |
| | | 10 | | | Major immediate consequences | | | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | 7.5 | 1 | Less than 10% | Less than 10% | 1 | | |
| | | | | 5 | Between 10% to 20% | | | | |
| | | | | 7.5 | Greater than 20% | | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | 5 | 5 | 0 | Majority opposition | Majority support | 5 | | |
| | | | | 1 | Minority opposition | | | | |
| | | | | 5 | Majority support | | | | |
| | | | | 2.5 | Minority support | | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | 2.5 | 2.5 | 0 | Majority opposition | Majority support | 2.5 | | |
| | | | | 0.5 | Minority opposition | | | | |
| | | | | 2.5 | Majority support | | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|
| | the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Significant competitive advantage to industry and boost to the local economy | 7.5 |
| | | | | 2.5 | Little or no long term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Easy | 5 |
| | | | | 2.5 | Standard | | |
| | | | | 5 | Easy | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|-----------------------------|---|--------------|-----------------|------------|---|--|----------------|
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Easy | 5 |
| | | | | 3 | Standard | | |
| | | | | 5 | Easy | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | 3 | Outside expertise needed for preparation phase i.e. feasibility studies | | |
| | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 79.5 |

Project ID: 03-12-04-01-01

Project Description : Improvement/Rehabilitation of Road TP-3 (Haroonabad road)

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | | |
|--|--|--------------|-----------------|------------|--------------------------|---------------------------|---|--------------------|-----|
| 1. Project Purpose & Service Delivery Improvement | | | | | | | | | |
| 1.1 | Does the project fill a gap in a wider system of service delivery? | 30 | 10 | 2.5 | Minor contribution | Major contribution | 7.5 | | |
| | | | | 7.5 | Major contribution | | | | |
| | | | | 10 | Significant contribution | | | | |
| 1.2 | Whether the project will contribute to Sectoral Plan / City Master Plan? | | 30 | 10 | 0 | No contribution. | Major contribution to key development goal. | 10 | |
| | | | | | 2.5 | Indirect contribution. | | | |
| | | | | | 7.5 | Minor direct contribution | | | |
| 1.3 | Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.? | | | 30 | 10 | 10 | Major contribution to key development goal. | Minor consequences | 2.5 |
| | | | | | | 0 | No consequences | | |
| | | | | | | 2.5 | Minor consequences | | |
| | | 7.5 | | | | Major future consequences | | | |
| | | | | | | 10 | Major immediate consequences | | |
| 2. Public Response | | | | | | | | | |
| 2.1 | Population served by the project. | 15 | 7.5 | | 1 | Less than 10% | Less than 10% | 1 | |
| | | | | | 5 | Between 10% to 20% | | | |
| | | | | | 7.5 | Greater than 20% | | | |
| 2.2 | Is there support or opposition for the project from NGO's, community groups, network, media or business organizations? | | 15 | 5 | 0 | Majority opposition | Majority support | 5 | |
| | | | | | 1 | Minority opposition | | | |
| | | | | | 5 | Majority support | | | |
| | | | | | 2.5 | Minority support | | | |
| 2.3 | Is there support or opposition from residents in the immediate vicinity of | | | 15 | 2.5 | 0 | Majority opposition | Majority support | 2.5 |
| | | | | | | 0.5 | Minority opposition | | |
| | | 2.5 | | | | Majority support | | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score |
|----------------------------------|--|--------------|-----------------|------------|--|--|----------------|
| | the new facility? | | | 1.5 | Minority support | | |
| 3. Environmental Impact | | | | | | | |
| 3.1 | The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. | 10 | 10 | 0 | Negative effects on quality of the local environment | Positive effects on the quality of the local environment | 10 |
| | | | | 5 | Neutral | | |
| | | | | 10 | Positive effects on the quality of the local environment | | |
| 4. Socio-Economic Impact | | | | | | | |
| 4.1 | Will the project bring in direct revenue? | 15 | 7.5 | 0 | No direct revenue | Revenue exceeds O&M costs | 7.5 |
| | | | | 2.5 | Direct revenue is not sufficient to meet O&M costs | | |
| | | | | 5 | Revenue meets O&M costs | | |
| | | | | 7.5 | Revenue exceeds O&M costs | | |
| 4.2 | Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? | 15 | 7.5 | 0 | Negative impact on the local economy | Significant competitive advantage to industry and boost to the local economy | 7.5 |
| | | | | 2.5 | Little or no long term economic development benefits | | |
| | | | | 5 | Additional investment in the area and increased wealth for citizens | | |
| | | | | 7.5 | Significant competitive advantage to industry and boost to the local economy | | |
| 5. Ease of Implementation | | | | | | | |
| 5.1 | Has land been acquired for the project (If required)? | 30 | 10 | 10 | Yes | Yes | 10 |
| | | | | 0 | No | | |
| 5.2 | Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? | 30 | 5 | 5 | Yes | Yes | 5 |
| | | | | 0 | No | | |
| 5.3 | Will the project get approval from higher levels of Government? | 30 | 5 | 1 | Difficult | Easy | 5 |
| | | | | 2.5 | Standard | | |
| | | | | 5 | Easy | | |

| Index | Question | Index Weight | Question Weight | Sub Weight | Possible Responses | Selected Response | Achieved Score | |
|-----------------------------|---|--------------|-----------------|------------|--------------------|---|--|---|
| 5.4 | Ease of implementation of project in respect of technical design? | | 5 | 1 | Difficult | Easy | 5 | |
| | | | | 3 | Standard | | | |
| | | | | 5 | Easy | | | |
| 5.5 | Is there a capable system in place to implement and operate this project or is external support needed? | | 5 | 5 | 0 | Outside expertise needed for construction, O&M | Outside expertise needed for construction phase only | 1 |
| | | | | | 1 | Outside expertise needed for construction phase only | | |
| | | | | | 3 | Outside expertise needed for preparation phase i.e. feasibility studies | | |
| | | | | | 5 | No outside expertise needed | | |
| Total Achieved Score | | | | | | | 79.5 | |

Annexure D. Environmental and Social Considerations in IDAMP³

Section 1: Policy, Legal and Administrative Framework

This section provides an overview of the policy framework and national legislation that applies to the proposed project. The project is expected to comply with all national/provincial legislation regulations, EPA guidelines, World Bank Operational Policies and guidelines which are relevant and applicable to the sub-project.

1.1. Punjab Environment Protection Act 1997 (Amended 2012 & 2017)

Under Section 12 (and subsequent amendment in 2012 and then in 2017) of the PEPA (1997):

“a project falling under any category specified in Schedule I of the IEE/EIA Regulations 2022 requires the proponent of the project to file an IEE with the concerned provincial EPA while projects falling under any category specified in Schedule II require the proponent to file an EIA with the provincial agency, which is responsible for its review and accordance of approval or request any additional information deemed necessary”

In compliance of local legal framework, development of IEE/EIA reports and subsequent approval from the competent forums shall be mandatory for all new infrastructure projects.

Regulatory Clearances, Punjab EPA

In accordance with provincial regulatory requirements, an IEE/EIA satisfying the requirements of the Punjab Environmental Protection Act (amended 2012&2017) will be marked cleared by Punjab-EPA and No Objection Certificate (NOC) will be issued for it. MCs will ensure to obtain NOCs/approval from the competent forums before the execution of new infrastructure development projects.

³ The Environmental & Social Considerations have been provided by the Environment & Social Management (E&SM) team of PMDFC.

1.2. Guidelines for Environmental Assessment, Pakistan EPA

The Pak-EPA has published a set of environmental guidelines for conducting environmental assessments and the environmental management of different types of development projects. The guidelines that are relevant to the proposed projects are listed below:

- Guidelines for the Preparation and Review of Environmental Reports, Pakistan, EPA 1997.
- Guidelines for Public Consultations; Pakistan EPA May 1997

These guidelines have been adopted by the Punjab Environment Protection Agency after 18th amendment.

1.3. Punjab Environmental Quality Standards (PEQS)

The Punjab Environmental Quality Standards (PEQS), 2016 specify the following standards:

1. Punjab Environment Quality Standards for Drinking Water, 2016
2. Punjab Environment Quality Standards for Ambient Air, 2016
3. Punjab Environment Quality Standards for Noise, 2016
4. Punjab Environment Quality Standards for Municipal and Liquid Industrial Effluents, 2016

32 parameters of PEQs for drinking water shall be applicable to all water supply schemes/ projects/ subprojects (rehabilitation and new). PEQs for ambient air shall be applicable during rehabilitation or new construction of infrastructure development projects to analyze the emissions that may emerge from construction work machinery/equipment's. PEQs for noise shall also be applicable during rehabilitation or new construction of infrastructure development projects to analyze the emissions that may emerge from construction work machinery/equipment. PEQs for municipal and liquid waste shall be applicable to determine the quality of municipal wastewater where wastewater is to be treated.

1.4. Other Environment Related Legislations:

| Sr. # | Act | Description | Applicability to sub-project |
|-------|---|--|--|
| 1. | Punjab Environment Protection Act, 1997 (as amended up to 2017) | <p>The Act establishes the Environmental Protection Agency that deals with the preparation of national environmental policies, prepare & publish national environment report, ensure the enforcement of National Environmental Quality Standards, establishment of ambient air, water and land quality standards, measures to control environmental pollution.</p> <p>Additionally, under this Act, no proponent of a project shall commence construction or operation unless he has filed with the Provincial Agency an initial environmental examination or, where the project is likely to cause an adverse environmental effect, an Environmental Impact Assessment (EIA/ESIA), and has obtained from the approval in respect thereof.</p> | <p>Section 11,12,13 and 14 of PEPA, 2012 shall be applicable to all the new infrastructure projects.</p> |
| 2. | Punjab Environment Protection Review of | Provided that the proponent shall file an Initial Environmental Examination or Environmental | <ul style="list-style-type: none"> These regulations have two schedules I & II. As per schedule I the subprojects require submission of IEE report have to be prepared and as per |

| Sr. # | Act | Description | Applicability to sub-project | | | | | | | | | | | | |
|------------|--------------------------|---|---|----------|--------|--------|------------|---------------------|---|--------------|---|-------|---|-------|---|
| | IEE/EIA Regulations 2022 | Impact Assessment, if the project is likely to cause an adverse environmental impact | <p>schedule II the EIA of Subproject will be carried out.</p> <p>The sector wise screening of MCs subprojects as per Punjab Environment protection review of IEE/EIA regulations 2000 are given below in Table.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #FFD700;">Schedule</th> <th style="background-color: #FFD700;">Sector</th> <th style="background-color: #FFD700;">Clause</th> </tr> </thead> <tbody> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;">Schedule I</td> <td style="text-align: center;">Stormwater Drainage</td> <td>F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects</td> </tr> <tr> <td style="text-align: center;">Water supply</td> <td>G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million</td> </tr> <tr> <td style="text-align: center;">Parks</td> <td>I. Urban development and tourism 5. Urban development projects</td> </tr> <tr> <td style="text-align: center;">Waste</td> <td>H. Waste disposal Non-hazardous scrap yard / warehouse</td> </tr> </tbody> </table> | Schedule | Sector | Clause | Schedule I | Stormwater Drainage | F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects | Water supply | G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million | Parks | I. Urban development and tourism 5. Urban development projects | Waste | H. Waste disposal Non-hazardous scrap yard / warehouse |
| Schedule | Sector | Clause | | | | | | | | | | | | | |
| Schedule I | Stormwater Drainage | F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects | | | | | | | | | | | | | |
| | Water supply | G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million | | | | | | | | | | | | | |
| | Parks | I. Urban development and tourism 5. Urban development projects | | | | | | | | | | | | | |
| | Waste | H. Waste disposal Non-hazardous scrap yard / warehouse | | | | | | | | | | | | | |

| Sr. # | Act | Description | Applicability to sub-project | | |
|-------|-----|-------------|------------------------------|---|--|
| | | | Schedule II | Water supply, Sewerage System and treatment | F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants (excluding the Reverse Osmosis, Ultra filtration and such like) with total cost more than Rs. 50 million 2. Wastewater channels / Sewerage System Schemes 3. Combined Wastewater Treatment Plants with treatment capacity greater than 100m ³ /hr |
| | | | | Waste Storage and Disposal | G. Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|--|--|--|
| 3. | Delegations of power for Environment Approvals Rule 2017 | According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects | <ul style="list-style-type: none"> • Under PCP the clause of h, n and o are applicable. • clause h Construction of roads fallings within the jurisdiction of a district, expecting highways, expressways and motorways • Clause o solid waste management excepting landfills • Clause p water supply schemes /water purifications plants costing upto Rs. 20,000/- |
| 4. | Notification No. SOG/EPD/5-86/2019 delegation of powers to Deputy Commissioner | According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects | Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal. |
| 3. | Pakistan Penal Code, 1860 | The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization. The Code also addresses control of noise, noxious emissions and disposal of effluents. | The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal. |
| 4. | Motor Vehicle Rules, 1969 | It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of | This act is applicable to the gaseous emission that will be released from the vehicles in operation phase |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|---|--|--|
| | | MVE inspection system is one of the regulatory measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase. | at machinery used during construction phase of this subproject. |
| 5. | The Land Acquisition Act, 1894 | The Land Acquisition Act, 1894, is a “law for the acquisition of land needed for public purposes and for companies and for determining the amount of compensation to be paid on account of such acquisition”. | This act will not be triggered as no land acquisition is required. |
| 6. | The Punjab Land Acquisition Rules, 1983, | It describes the land acquisition procedure for public purposes or for a company. | This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc. |
| 7. | Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012 | The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following: <ul style="list-style-type: none"> • “Ancient” is any object that is at least 75 years old; | The law will be applicable to the project due to its provision that if any accidental archaeological discoveries may occur during the excavation works for the construction of sub-projects. |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|--|---|---|
| | | <ul style="list-style-type: none"> • All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology; • The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise; • All new construction within a distance of 200 feet from protected antiquities is forbidden; • No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and <p>The cultural heritage laws of Pakistan are uniformly applicable to all categories of sites regardless of their state of preservation and classification as monuments of national or world heritage.</p> | |
| 8. | Punjab Restriction of Employment of Children Act, 2016 | According to the sub-section 11(a) of this Act, an occupier who employs or permits a child (person under the age of 15 years) to work in an establishment shall be liable to punishment with imprisonment for a term which may extend to six | The relevance of this act to the project will be to prohibit child employment for construction related activities of the proposed sub- project and it will be applicable throughout the construction activities related to subprojects. |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|---|---|--|
| | | months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees. | |
| 9. | The Punjab Occupational Safety and Health Act, 2019 | <p>The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace.</p> <p>It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of the occupational hazards; to promote safe and healthy working environment catering to the physiological and psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.</p> | <p>The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are:</p> <p style="text-align: center;">8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness.</p> <p>Adopting this Act, PMDFC has developed SOPs for health and safety of the labor (including women workers) and communities which will be applicable for all the infrastructure related activities of new or rehabilitation subprojects.</p> |
| 10 | National Hazardous Waste Management Policy, 2022 | A policy to facilitate the implementation of international treaties & Conventions on a national level to improve the definition & implementation of Hazardous Waste Management (HWM) for better environmental management, clarify institutional | Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste. |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|---|---|---|
| | | responsibilities related to HWM, and strengthen the management of hazardous & other wastes. | |
| 11 | Protection Against Harassment of Women at the Workplace (Amended) Act, 2014 | In this act major and minor penalties are mentioned. | This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities) |
| 12 | Punjab Labor Policy, 2018 | Punjab Labor Policy, 2018 presents a policy document which directly addresses the child labor, bonded labor, gender discrimination, gender mainstreaming, labor protection, out of school children and lack of health facilities for the workers etc. Labor Policy of 2018 incorporates the key thematic areas regarding effective implementation of labor standards, social dialogue, improvements in workplace safety, living wages, awareness raising, excellence in labor inspections regime, imparting quality technical trainings through well-improved Training Centers, simplification of labor laws, medical facilities for secured workers even after retirement, establishment of labor colonies and schools for workers' children, improvement in | This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities) |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|-----------------------------------|--|--|
| | | the wage fixation process and strengthening the role of Punjab Minimum Wages Board, efficient disbursement of welfare grants and gradual extension of labor protection frame-work. | |
| 13 | Punjab Local Government Act, 2019 | <p>As per PLGA 2019 Functions of a Metropolitan Corporation, Municipal Corporation and Municipal Committee:</p> <p>Part I</p> <p>(g) Solid waste collection and disposal;</p> <p>(h) Sewerage collection and disposal including water management and treatment;</p> <p>(i) Building control and land use;</p> <p>(j) Births, deaths, marriages and divorce registration;</p> <p>(k) Museums and art galleries;</p> <p>(l) Open markets;</p> <p>(m) Livestock and agriculture markets;</p> <p>(n) Public parking facilities;</p> <p>(o) City roads and traffic management;</p> <p>(p) Public transport;</p> | All the related clauses of this Act shall be applicable for MCs. |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|-----|---|------------------------------|
| | | (q) Abstraction of water for industrial and commercial purposes; (r) Emergency planning and relief; (s) Support to provincial agencies in prevention of crime and maintenance of public order; and (t) Regulatory enforcement in the functions assigned under Part 1 and 2 of this Schedule; Part 2 (u) Establishment and management of pre-schools; (v) Libraries; (w) Drinking water supply; (x) Public convenances; (z) Children's services; (aa) Community safety; (bb) Arts and recreation; (cc) Public fairs and ceremonies; (dd) Sports; (ee) Environmental health, awareness and services; (ff) Parks and landscape development; (gg) Slaughtering of animals; (hh) Street lights; and | |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|--|---|--|
| | | (ii) Sign boards and street advertisements. | |
| 14 | Guidelines for Preparation and Review of Environment Reports, 1997 | Guidelines for preparation and Review of Environmental Reports were issued by Pak EPA in 1997 under Pakistan Environment Protection Act, 1997 and are adopted by Punjab Environment protection Agency after 18 th Amendment. These guidelines describe the steps in IEE Preparation, format of IEE Reports, assessing impacts, mitigation and impact management, reporting, reviewing and decision making, monitoring and auditing and project management. | These guidelines shall be applicable during preparation and review of IEEs/EIAs of new infrastructure development projects. |
| 15 | Guidelines for Public Consultation, 1997 | These guidelines address possible approaches to public consultation and techniques for designing an effective program of consultation that reaches all major stakeholders and ensures the incorporation of their concerns in any impact assessment study. The guidelines cover consultation, involvement, and participation of stakeholders; effective public consultation (planning, stages of an EIA where | Public consultation and citizens engagement is mandatory at projects planning and design phase and these guidelines shall be applicable for public consultation. |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|--|--|---|
| | | consultation is appropriate); and facilitation of involvement (including the poor, women, and NGOs). | |
| 16 | Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020 | <p>These guidelines give details about disclosure of environmental information. These guidelines have 2 parts:</p> <p>First part deals with Public Disclosure instructions regarding arrangement of public disclosure of environment information and maintenance of record in indexed form</p> <p>Second part is regarding Citizen Engagement, and it gives detailed information regarding citizen engagement and Grievance redress mechanism.</p> | <p>These guidelines will be applicable for public disclosure of environment related information of IEEs/EIAs or any other interventions that may cause any harm to the environment.</p> |
| 17 | Canal and Drainage Act 1873 and Amendment Act 2016 | <p>The CDA focuses on construction and maintenance of drainage channels and defines powers to prohibit obstruction or order their removal. It also covers issues related to canal navigation. It briefly addresses issues relating to environmental pollution.</p> <p>Section 70(5) of the CDA clearly states that no one is allowed to "corrupt or foul the water of any canal</p> | <p>This act shall be applicable for all the subprojects of MCs where untreated wastewater is being dispose off to the irrigation canals.</p> |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|---|--|---|
| | | so as to render it less fit for the purposes for which it is ordinarily used.” In addition, Section 73 of the CDA gives power to arrest without warrant or to be taken before the magistrate a person who has willfully damaged or obstructed the canal or “rendered it less useful.” | |
| 18 | Punjab Wildlife Protection, Conservation and Management Act, 1974 | The Act requires the protection of wildlife species declared as endangered/threatened and rare. It gives protection to these species by declaring their natural living environment as protected and reserved, which includes areas such as national parks, wildlife sanctuaries, and game reserves. | This act shall be applicable in case any harm to wildlife is assessed at the stage of early screening or if there is any potential risk identified to the wildlife during or after execution of the subprojects/projects related to infrastructure development and municipal service delivery. |
| 19 | Guidelines and Checklists adopted by GOP after 18th Amendment | Punjab EPA has also designed the following Guidelines/Checklists for IEE/EIA Projects: Check List for IEE (updated September 2020) Check List for EIA (updated September 2020) After 18 th Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA: ✓ Poultry Farms | Checklists for IEE and EIA shall be applicable to all the new infrastructure development projects. Following Guidelines shall be applicable for MC’s municipal service delivery projects: <ul style="list-style-type: none"> ✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes |

| Sr. # | Act | Description | Applicability to sub-project |
|-------|-----|---|------------------------------|
| | | <ul style="list-style-type: none">✓ Urban Roads✓ Rural Schools✓ Housing Schemes✓ Petrol & CNG✓ Forest Road✓ Forest Harvesting✓ Water Supply✓ Tourist Facilities✓ Sanitation Schemes✓ Major Chemicals and Manufacturing Plants✓ Flour Mills✓ Carpet Manufacturing✓ Housing Estates and New Town Development✓ Industrial Estate✓ Major Roads✓ Major Sewerage Schemes✓ Stone Crushers✓ Marble Units✓ Oil & Gas Exploration | |

Section 2: Environmental & Social Categorization

2.1. Environmental Screening and Categorization of Sub-Projects

Based upon the Screening Checklists, following table will be used to for environmental screening of the identified sub-projects/projects and further documentation requirements. This classification is preliminary and will be finalized when the exact locations and scale of the sub-projects are identified, and screening checklist will be filled in for each of the sub-project/project.

| Sr. # | Project Categories | Type of Sub-projects | Nature of Environmental Issues | Env. Category | Social Category | Instruments Required |
|--|--|--|---|--|-----------------|---|
| 1. | Waste Management | | | | | |
| | Solid Waste | Collection Equipment, Collection Bins | Negligible environmental impacts | E3 | S3 | Applicability of PMDFC EHS SOPs for SWM Machinery/Equipment |
| | Liquid Waste | Sludge ponds | May have some negative but localized environmental and social impacts | E2 | S2 | ESMP |
| | | Community septic tanks | May have some negative but localized environmental and social impacts | E2 | S2 | ESMP |
| | | Vacuum Trucks, Vacuum Handcarts and others | Negligible environmental impacts | E3 | S3 | NA |
| Construction of Waste Water Treatment Plants | May have significant environmental impacts | E1 | S2/S1 | IEE/EIA as per nature of impacts and Schedule I and II of PEPA Review of IEE/EIA Regulations 2022. | | |

| Sr. # | Project Categories | Type of Sub-projects | Nature of Environmental Issues | Env. Category | Social Category | Instruments Required |
|-------|--|-----------------------------------|---|---------------|-----------------|---|
| 2. | Water Supply | | | | | |
| | | Water supply pumps / tube wells | May have negligible environmental impacts | E3 | S3 | NA |
| | | Overhead reservoirs (OHRs) | May have negligible environmental impacts | E2 | S2 | ESMP |
| | | Water Supply distribution network | May have some negative to significant environmental and social impacts depending upon the scope of work | E1 or E2 | S1 or S2 | ESMP for repair and maintenance of existing network or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000 |
| 3. | Storm Water Drainage | | | | | |
| | Urban drainage systems Open Drainage System Covered Drains | | May have some negative to significant environmental and social impacts depending upon the scope of work | E1 or E2 | S1 or S2 | ESMP for repair and maintenance of existing systems or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000 |

| Sr. # | Project Categories | Type of Sub-projects | Nature of Environmental Issues | Env. Category | Social Category | Instruments Required |
|-------|--|-----------------------|---|---------------|-----------------|---|
| | | Flood control systems | May have some negative to significant environmental and social impacts depending upon the scope of work | E1 or E2 | S2 | ESMP for repair and maintenance of existing system or IEE/EIA for new sub-project as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000 |
| 4. | Connectivity | | | | | |
| | Rehabilitation and maintenance of urban roads ⁴ | | May have some negative but localized environmental and social impacts | E2 | S2S | ESMP |
| | Pedestrian walkways, Bicycle paths | | May have negligible environmental impacts | E2 | S2 | ESMP |
| | Streets and security lights, and road signs | | May have negligible environmental impacts | E3 | S3 | NA |
| | Construction of Bus Workshops | | May have some negative but localized environmental and social impacts | E2 | S2 | ESMP |

⁴ After 18th Amendment, Punjab EPA has adopted the Checklists/Guidelines adopted by the Pakistan EPA (as it is). Punjab EPA has adopted Checklists/Guidelines developed by KPK and Balochistan for Small to medium water supply schemes, sanitation schemes, small and medium sized road construction and expansion in urban areas and construction and expansion of bus terminals. These Checklists/Guidelines will be used for the mentioned subprojects of PCP adopted by Punjab EPA

| Sr. # | Project Categories | Type of Sub-projects | Nature of Environmental Issues | Env. Category | Social Category | Instruments Required |
|-------|---|----------------------|---|---------------|-----------------|----------------------|
| | Rehabilitation of Bus Stands/Terminals ⁵ | | May have negligible environmental impacts | E2 | E2 | ESMP |
| 5. | Social and Livability Infrastructure | | | | | |
| | Urban greenery and public spaces | | May have negligible environmental impacts | E2 | S2 | ESMP |
| | Construction of Community Parks ⁶ | | May have some negative but localized environmental and social impacts | E2/E1 | S2/S1 | ESMP/IEE/EIA |
| | Rehabilitation /Maintenance of Community Parks | | May have negligible environmental impacts | E2 | S2 | ESMP |

⁵ According to a notification by Punjab EPA vide No. Dir (EIA)/01/2017 dated 29-05-2017, Bus and Wagon stands of Category C with area upto 8 kanals, are exempted from IEE/EIA

⁶ Parks will be constructed on already allocated lands (for community parks) by Local Government

Section 3: Budget Allocation

To carryout Environmental Assessment as per ESMF-PCP and PEPA, there is need to allocate budget in PC-I.

The IEE/EIA/ESMPs of each sub-project will be included in the bidding documents and the contracts. In this manner, the social and environmental management instruments will be included in the overall scope of works/services and BOQs, and the contractor will implement the mitigation measures included in the contracts alongside other works/services.

| Activity | Budget Allocation (PKR) |
|--|-------------------------|
| Environmental Impact Assessment (EIA) | |
| Hiring of Environmental Consultant | 100,0000-15,0000 |
| Implementation of EIA | 100,0000 |
| EIA Submission fee | 30,000 |
| Initial Environmental Examination (IEE) | |
| Hiring of Environmental Consultant | 500,000-800,000 |
| Implementation of IEE | 500,000- 700,000 |
| IEE Submission fee | 15, 000 |

Section 4: Monitoring & Supervision

Environment Focal Person (EFP) and Social Focal Point (SFP) and MCs of their respective region to monitor the contractor to ensure complete and proper implementation of the works/services in accordance with the contract. During this phase, environmental and social monitoring will be carried out to ensure that the mitigation measures given in the IEE/EIA/ESMPs are effectively implemented. The environmental and social monitoring will include the following:

- Environmental and social monitoring to ensure effective implementation of ESMPs and EMPs particularly the mitigation measures included in these documents.
- The monitoring will be conducted with the help of checklists prepared on the basis of the mitigation plans included in environmental and social management instruments.
- Laboratory analysis will be conducted if specified in the ESMPs.
- Photographic records will be maintained where applicable/useful.
- Preparation of monitoring reports.

Annexure E. Project Appraisal

Project ID: 03-12-04-03-01

Project Description : Replacement of Streetlights

| Sr. No. | Description | | Unit | Value | Remarks |
|---------|--|--|-------|-------|---------|
| 1 | Net Present Value (NPV) | NPV=PV of benefits @ 22.32% - PV of costs @ 22.32% | Rs. | 116 | |
| 2 | Financial Internal Rate of Return (FIRR) | FIRR | % | 147% | |
| 3 | Benefit Cost Ratio (BCR) | BCR= Total Benefits ÷ Total Costs | Ratio | 45.22 | |
| 4 | Payback Period | PBP= Capital costs ÷ Annual Net Benefits | Years | 5 | |

| Year No. | Year | Costs | | | Benefits | | | | Net (Cost)/ Benefits | PV @ % 22.32 | |
|----------|-----------|--------------|----------|------------|------------------------|----------------|-------------------------|----------------|----------------------|-----------------|--------------------------|
| | | Capital Cost | O&M Cost | Total Cost | Cost saving to society | Direct Revenue | Cost Savings/ Reduction | Total Benefits | | Discount Factor | PV |
| | | A | B | C=A+B | D | E | F | G=D+E+F | | H=G-C | I=(1.22.32) ⁿ |
| 0 | 2023-2024 | 8.25 | | 8 | | | | - | (8) | 1 | (8) |
| 1 | 2024-2025 | | 0.21 | 0 | | | 11.04 | 11 | 11 | 0.82 | 9 |
| 2 | 2025-2026 | | 0.24 | 0 | | | 12.82 | 13 | 13 | 0.67 | 8 |
| 3 | 2026-2027 | | 0.28 | 0 | | | 14.89 | 15 | 15 | 0.55 | 8 |
| 4 | 2027-2028 | | 0.32 | 0 | | | 17.28 | 17 | 17 | 0.45 | 8 |
| 5 | 2028-2029 | | 0.37 | 0 | | | 20.07 | 20 | 20 | 0.37 | 7 |
| 6 | 2029-2030 | | 0.44 | 0 | | | 23.31 | 23 | 23 | 0.30 | 7 |
| 7 | 2030-2031 | | 0.51 | 1 | | | 27.06 | 27 | 27 | 0.24 | 6 |
| 8 | 2031-2032 | | 0.59 | 1 | | | 31.43 | 31 | 31 | 0.20 | 6 |
| 9 | 2032-2033 | | 0.68 | 1 | | | 36.49 | 36 | 36 | 0.16 | 6 |
| 10 | 2033-2034 | | 0.79 | 1 | | | 42.37 | 42 | 42 | 0.13 | 6 |
| 11 | 2034-2035 | | 0.92 | 1 | | | 49.20 | 49 | 48 | 0.11 | 5 |
| 12 | 2035-2036 | | 1.07 | 1 | | | 57.14 | 57 | 56 | 0.09 | 5 |
| 13 | 2036-2037 | | 1.24 | 1 | | | 66.35 | 66 | 65 | 0.07 | 5 |
| 14 | 2037-2038 | | 1.44 | 1 | | | 77.04 | 77 | 76 | 0.06 | 5 |
| 15 | 2038-2039 | | 1.67 | 2 | | | 89.46 | 89 | 88 | 0.05 | 4 |
| 16 | 2039-2040 | | 1.94 | 2 | | | 103.88 | 104 | 102 | 0.04 | 4 |
| 17 | 2040-2041 | | 2.25 | 2 | | | 120.63 | 121 | 118 | 0.03 | 4 |
| 18 | 2041-2042 | | 2.62 | 3 | | | 140.07 | 140 | 137 | 0.03 | 4 |
| 19 | 2042-2043 | | 3.04 | 3 | | | 162.65 | 163 | 160 | 0.02 | 3 |
| 20 | 2043-2044 | | 3.53 | 4 | | | 188.87 | 189 | 185 | 0.02 | 3 |
| 21 | 2044-2045 | | 4.10 | 4 | | | 219.32 | 219 | 215 | 0.01 | 3 |
| 22 | 2045-2046 | | 4.76 | 5 | | | 254.67 | 255 | 250 | 0.01 | 3 |
| 23 | 2046-2047 | | 5.53 | 6 | | | 295.73 | 296 | 290 | 0.01 | 3 |
| 24 | 2047-2048 | | 6.42 | 6 | | | 343.40 | 343 | 337 | 0.01 | 3 |
| 25 | 2048-2049 | | | - | | | | - | - | 0.01 | - |
| Total | | 8 | 45 | 53 | - | - | 2,405 | 2,405 | 2,352 | | 116 |

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

| Asset | Useful Life |
|-------------------------------------|-------------|
| Buildings/ Civil Works | 25 |
| Tubewell Pumps | 15 |
| Disposal Pumps | 15 |
| OHR | 50 |
| Water Pipelines | 25 |
| Rising Mains/ Transmission Mains | 25 |
| Sewerage/ RCC Pipelines | 25 |
| Vehicles | 10 |
| Machinery & Equipment | 15 |

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 03-12-01-06-01

Project Description : Construction of Underground Water Storage Tank

| Sr. No. | Description | | Unit | Value | Remarks |
|---------|--|--|-------|-------|---------|
| 1 | Net Present Value (NPV) | NPV=PV of benefits @ 22.32% - PV of costs @ 22.32% | Rs. | (229) | |
| 2 | Financial Internal Rate of Return (FIRR) | FIRR | % | 14% | |
| 3 | Benefit Cost Ratio (BCR) | BCR= Total Benefits ÷ Total Costs | Ratio | 2.17 | |
| 4 | Payback Period | PBP= Capital costs ÷ Annual Net Benefits | Years | 7.25 | |

| Year No. | Year | Costs | | | Benefits | | | | Net (Cost)/ Benefits | PV @ % 22.32 | |
|----------|-----------|--------------|----------|------------|------------------------|----------------|-------------------------|----------------|----------------------|-----------------|--------------------------|
| | | Capital Cost | O&M Cost | Total Cost | Cost saving to society | Direct Revenue | Cost Savings/ Reduction | Total Benefits | | Discount Factor | PV |
| | | A | B | C=A+B | D | E | F | G=D+E+F | | H=G-C | I=(1.22.32) ⁿ |
| 0 | 2023-2024 | 137.50 | | 138 | | | | - | (138) | 1 | (138) |
| 1 | 2024-2025 | 275.00 | | 275 | 30.25 | | | 30 | (245) | 0.82 | (200) |
| 2 | 2025-2026 | 137.50 | 13.75 | 151 | 35.13 | | | 35 | (116) | 0.67 | (78) |
| 3 | 2026-2027 | | 15.97 | 16 | 40.79 | | | 41 | 25 | 0.55 | 14 |
| 4 | 2027-2028 | | 18.54 | 19 | 47.36 | | | 47 | 29 | 0.45 | 13 |
| 5 | 2028-2029 | | 21.53 | 22 | 55.00 | | | 55 | 33 | 0.37 | 12 |
| 6 | 2029-2030 | | 25.00 | 25 | 63.86 | | | 64 | 39 | 0.30 | 12 |
| 7 | 2030-2031 | | 29.03 | 29 | 74.16 | | | 74 | 45 | 0.24 | 11 |
| 8 | 2031-2032 | | 33.71 | 34 | 86.11 | | | 86 | 52 | 0.20 | 10 |
| 9 | 2032-2033 | | 39.14 | 39 | 100.00 | | | 100 | 61 | 0.16 | 10 |
| 10 | 2033-2034 | | 45.45 | 45 | 116.12 | | | 116 | 71 | 0.13 | 9 |
| 11 | 2034-2035 | | 52.78 | 53 | 134.83 | | | 135 | 82 | 0.11 | 9 |
| 12 | 2035-2036 | | 61.29 | 61 | 156.57 | | | 157 | 95 | 0.09 | 8 |
| 13 | 2036-2037 | | 71.17 | 71 | 181.81 | | | 182 | 111 | 0.07 | 8 |
| 14 | 2037-2038 | | 82.64 | 83 | 211.11 | | | 211 | 128 | 0.06 | 8 |
| 15 | 2038-2039 | | 95.96 | 96 | 245.15 | | | 245 | 149 | 0.05 | 7 |
| 16 | 2039-2040 | | 111.43 | 111 | 284.66 | | | 285 | 173 | 0.04 | 7 |
| 17 | 2040-2041 | | 129.39 | 129 | 330.55 | | | 331 | 201 | 0.03 | 7 |
| 18 | 2041-2042 | | 150.25 | 150 | 383.84 | | | 384 | 234 | 0.03 | 6 |
| 19 | 2042-2043 | | 174.47 | 174 | 445.71 | | | 446 | 271 | 0.02 | 6 |
| 20 | 2043-2044 | | 202.60 | 203 | 517.56 | | | 518 | 315 | 0.02 | 6 |
| 21 | 2044-2045 | | 235.25 | 235 | 600.99 | | | 601 | 366 | 0.01 | 5 |
| 22 | 2045-2046 | | 273.18 | 273 | 697.87 | | | 698 | 425 | 0.01 | 5 |
| 23 | 2046-2047 | | 317.21 | 317 | 810.36 | | | 810 | 493 | 0.01 | 5 |
| 24 | 2047-2048 | | 368.35 | 368 | 940.99 | | | 941 | 573 | 0.01 | 5 |
| 25 | 2048-2049 | | 427.72 | 428 | 1,092.68 | | | 1,093 | 665 | 0.01 | 4 |
| Total | | 550 | 2,996 | 3,546 | 7,683 | - | - | 7,683 | 4,138 | | (229) |

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

| Asset | Useful Life |
|-------------------------------------|-------------|
| Buildings/ Civil Works | 25 |
| Tubewell Pumps | 15 |
| Disposal Pumps | 15 |
| OHR | 50 |
| Water Pipelines | 25 |
| Rising Mains/ Transmission Mains | 25 |
| Sewerage/ RCC Pipelines | 25 |
| Vehicles | 10 |
| Machinery & Equipment | 15 |

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 03-12-06-01-01

Project Description : Solarization of the municipal buildings

| Sr. No. | Description | Unit | Value | Remarks |
|---------|--|-------|-------|--|
| 1 | Net Present Value (NPV) | Rs. | 75 | NPV=PV of benefits @ 22.32% - PV of costs @ 22.32% |
| 2 | Financial Internal Rate of Return (FIRR) | % | 37% | FIRR |
| 3 | Benefit Cost Ratio (BCR) | Ratio | 22.53 | BCR= Total Benefits ÷ Total Costs |
| 4 | Payback Period | Years | 7.25 | PBP= Capital costs ÷ Annual Net Benefits |

| Year No. | Year | Costs | | | Benefits | | | | Net (Cost)/ Benefits | PV @ % 22.32 | |
|----------|-----------|--------------|----------|------------|------------------------|----------------|-------------------------|----------------|----------------------|-----------------|--------------------------|
| | | Capital Cost | O&M Cost | Total Cost | Cost saving to society | Direct Revenue | Cost Savings/ Reduction | Total Benefits | | Discount Factor | PV |
| | | A | B | C=A+B | D | E | F | G=D+E+F | | H=G-C | I=(1.22.32) ⁿ |
| 0 | 2023-2024 | 50.00 | 0.25 | 50 | | | | - | (50) | 1 | (50) |
| 1 | 2024-2025 | | 0.29 | 0 | 11.00 | | | 11 | 11 | 0.82 | 9 |
| 2 | 2025-2026 | | 0.34 | 0 | 12.77 | | | 13 | 12 | 0.67 | 8 |
| 3 | 2026-2027 | | 0.39 | 0 | 14.83 | | | 15 | 14 | 0.55 | 8 |
| 4 | 2027-2028 | | 0.45 | 0 | 17.22 | | | 17 | 17 | 0.45 | 7 |
| 5 | 2028-2029 | | 0.53 | 1 | 20.00 | | | 20 | 19 | 0.37 | 7 |
| 6 | 2029-2030 | | 0.61 | 1 | 23.22 | | | 23 | 23 | 0.30 | 7 |
| 7 | 2030-2031 | | 0.71 | 1 | 26.97 | | | 27 | 26 | 0.24 | 6 |
| 8 | 2031-2032 | | 0.83 | 1 | 31.31 | | | 31 | 30 | 0.20 | 6 |
| 9 | 2032-2033 | | 0.96 | 1 | 36.36 | | | 36 | 35 | 0.16 | 6 |
| 10 | 2033-2034 | | 1.11 | 1 | 42.22 | | | 42 | 41 | 0.13 | 5 |
| 11 | 2034-2035 | | 1.29 | 1 | 49.03 | | | 49 | 48 | 0.11 | 5 |
| 12 | 2035-2036 | | 1.50 | 2 | 56.93 | | | 57 | 55 | 0.09 | 5 |
| 13 | 2036-2037 | | 1.74 | 2 | 66.11 | | | 66 | 64 | 0.07 | 5 |
| 14 | 2037-2038 | | 2.03 | 2 | 76.77 | | | 77 | 75 | 0.06 | 4 |
| 15 | 2038-2039 | | 2.35 | 2 | 89.14 | | | 89 | 87 | 0.05 | 4 |
| 16 | 2039-2040 | | 2.73 | 3 | 103.51 | | | 104 | 101 | 0.04 | 4 |
| 17 | 2040-2041 | | 3.17 | 3 | 120.20 | | | 120 | 117 | 0.03 | 4 |
| 18 | 2041-2042 | | 3.68 | 4 | 139.58 | | | 140 | 136 | 0.03 | 4 |
| 19 | 2042-2043 | | 4.28 | 4 | 162.08 | | | 162 | 158 | 0.02 | 3 |
| 20 | 2043-2044 | | 4.97 | 5 | 188.20 | | | 188 | 183 | 0.02 | 3 |
| 21 | 2044-2045 | | 5.77 | 6 | 218.54 | | | 219 | 213 | 0.01 | 3 |
| 22 | 2045-2046 | | 6.70 | 7 | 253.77 | | | 254 | 247 | 0.01 | 3 |
| 23 | 2046-2047 | | 7.78 | 8 | 294.68 | | | 295 | 287 | 0.01 | 3 |
| 24 | 2047-2048 | | 9.03 | 9 | 342.18 | | | 342 | 333 | 0.01 | 3 |
| 25 | 2048-2049 | | 10.49 | 10 | 397.34 | | | 397 | 387 | 0.01 | 3 |
| Total | | 50 | 74 | 124 | 2,794 | - | - | 2,794 | 2,670 | | 75 |

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

| Asset | Useful Life |
|-------------------------------------|-------------|
| Buildings/ Civil Works | 25 |
| Tubewell Pumps | 15 |
| Disposal Pumps | 15 |
| OHR | 50 |
| Water Pipelines | 25 |
| Rising Mains/ Transmission Mains | 25 |
| Sewerage/ RCC Pipelines | 25 |
| Vehicles | 10 |
| Machinery & Equipment | 15 |

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 03-12-02-01-02

Project Description : Solarization of Tube wells and Water Supply System

| Sr. No. | Description | Unit | Value | Remarks |
|---------|--|--|-------|---------|
| 1 | Net Present Value (NPV) | NPV=PV of benefits @ 22.32% - PV of costs @ 22.32% | Rs. | 256 |
| 2 | Financial Internal Rate of Return (FIRR) | FIRR | % | 37% |
| 3 | Benefit Cost Ratio (BCR) | BCR= Total Benefits ÷ Total Costs | Ratio | 22.53 |
| 4 | Payback Period | PBP= Capital costs ÷ Annual Net Benefits | Years | 7.25 |

| Year No. | Year | Costs | | | Benefits | | | | Net (Cost)/ Benefits | PV @ % 22.32 | |
|----------|-----------|--------------|----------|------------|------------------------|----------------|-------------------------|----------------|----------------------|-----------------|--------------------------|
| | | Capital Cost | O&M Cost | Total Cost | Cost saving to society | Direct Revenue | Cost Savings/ Reduction | Total Benefits | | Discount Factor | PV |
| | | A | B | C=A+B | D | E | F | G=D+E+F | | H=G-C | I=(1.22.32) ⁿ |
| 0 | 2023-2024 | 170.00 | 0.85 | 171 | | | | - | (171) | 1 | (171) |
| 1 | 2024-2025 | | 0.99 | 1 | 37.40 | | | 37 | 36 | 0.82 | 30 |
| 2 | 2025-2026 | | 1.15 | 1 | 43.43 | | | 43 | 42 | 0.67 | 28 |
| 3 | 2026-2027 | | 1.33 | 1 | 50.43 | | | 50 | 49 | 0.55 | 27 |
| 4 | 2027-2028 | | 1.55 | 2 | 58.56 | | | 59 | 57 | 0.45 | 25 |
| 5 | 2028-2029 | | 1.79 | 2 | 68.00 | | | 68 | 66 | 0.37 | 24 |
| 6 | 2029-2030 | | 2.08 | 2 | 78.96 | | | 79 | 77 | 0.30 | 23 |
| 7 | 2030-2031 | | 2.42 | 2 | 91.69 | | | 92 | 89 | 0.24 | 22 |
| 8 | 2031-2032 | | 2.81 | 3 | 106.47 | | | 106 | 104 | 0.20 | 21 |
| 9 | 2032-2033 | | 3.26 | 3 | 123.63 | | | 124 | 120 | 0.16 | 20 |
| 10 | 2033-2034 | | 3.79 | 4 | 143.56 | | | 144 | 140 | 0.13 | 19 |
| 11 | 2034-2035 | | 4.40 | 4 | 166.70 | | | 167 | 162 | 0.11 | 18 |
| 12 | 2035-2036 | | 5.11 | 5 | 193.57 | | | 194 | 188 | 0.09 | 17 |
| 13 | 2036-2037 | | 5.93 | 6 | 224.78 | | | 225 | 219 | 0.07 | 16 |
| 14 | 2037-2038 | | 6.89 | 7 | 261.01 | | | 261 | 254 | 0.06 | 15 |
| 15 | 2038-2039 | | 8.00 | 8 | 303.09 | | | 303 | 295 | 0.05 | 14 |
| 16 | 2039-2040 | | 9.29 | 9 | 351.95 | | | 352 | 343 | 0.04 | 14 |
| 17 | 2040-2041 | | 10.79 | 11 | 408.68 | | | 409 | 398 | 0.03 | 13 |
| 18 | 2041-2042 | | 12.52 | 13 | 474.56 | | | 475 | 462 | 0.03 | 12 |
| 19 | 2042-2043 | | 14.54 | 15 | 551.06 | | | 551 | 537 | 0.02 | 12 |
| 20 | 2043-2044 | | 16.89 | 17 | 639.89 | | | 640 | 623 | 0.02 | 11 |
| 21 | 2044-2045 | | 19.61 | 20 | 743.04 | | | 743 | 723 | 0.01 | 11 |
| 22 | 2045-2046 | | 22.77 | 23 | 862.82 | | | 863 | 840 | 0.01 | 10 |
| 23 | 2046-2047 | | 26.44 | 26 | 1,001.90 | | | 1,002 | 975 | 0.01 | 9 |
| 24 | 2047-2048 | | 30.70 | 31 | 1,163.41 | | | 1,163 | 1,133 | 0.01 | 9 |
| 25 | 2048-2049 | | 35.65 | 36 | 1,350.95 | | | 1,351 | 1,315 | 0.01 | 9 |
| Total | | 170 | 252 | 422 | 9,500 | - | - | 9,500 | 9,078 | | 256 |

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

| Asset | Useful Life |
|-------------------------------------|-------------|
| Buildings/ Civil Works | 25 |
| Tubewell Pumps | 15 |
| Disposal Pumps | 15 |
| OHR | 50 |
| Water Pipelines | 25 |
| Rising Mains/ Transmission Mains | 25 |
| Sewerage/ RCC Pipelines | 25 |
| Vehicles | 10 |
| Machinery & Equipment | 15 |

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 03-12-02-01

Project Description : Solarization of pumps and disposal stations

| Sr. No. | Description | | Unit | Value | Remarks |
|---------|--|--|-------|-------|---------|
| 1 | Net Present Value (NPV) | NPV=PV of benefits @ 22.32% - PV of costs @ 22.32% | Rs. | 256 | |
| 2 | Financial Internal Rate of Return (FIRR) | FIRR | % | 37% | |
| 3 | Benefit Cost Ratio (BCR) | BCR= Total Benefits ÷ Total Costs | Ratio | 22.53 | |
| 4 | Payback Period | PBP= Capital costs ÷ Annual Net Benefits | Years | 7.25 | |

| Year No. | Year | Costs | | | Benefits | | | | Net (Cost)/ Benefits | PV @ % 22.32 | |
|----------|-----------|--------------|----------|------------|------------------------|----------------|-------------------------|----------------|----------------------|-----------------|--------------------------|
| | | Capital Cost | O&M Cost | Total Cost | Cost saving to society | Direct Revenue | Cost Savings/ Reduction | Total Benefits | | Discount Factor | PV |
| | | A | B | C=A+B | D | E | F | G=D+E+F | | H=G-C | I=(1.22.32) ⁿ |
| 0 | 2023-2024 | 170.00 | 0.85 | 171 | | | | - | (171) | 1 | (171) |
| 1 | 2024-2025 | | 0.99 | 1 | 37.40 | | | 37 | 36 | 0.82 | 30 |
| 2 | 2025-2026 | | 1.15 | 1 | 43.43 | | | 43 | 42 | 0.67 | 28 |
| 3 | 2026-2027 | | 1.33 | 1 | 50.43 | | | 50 | 49 | 0.55 | 27 |
| 4 | 2027-2028 | | 1.55 | 2 | 58.56 | | | 59 | 57 | 0.45 | 25 |
| 5 | 2028-2029 | | 1.79 | 2 | 68.00 | | | 68 | 66 | 0.37 | 24 |
| 6 | 2029-2030 | | 2.08 | 2 | 78.96 | | | 79 | 77 | 0.30 | 23 |
| 7 | 2030-2031 | | 2.42 | 2 | 91.69 | | | 92 | 89 | 0.24 | 22 |
| 8 | 2031-2032 | | 2.81 | 3 | 106.47 | | | 106 | 104 | 0.20 | 21 |
| 9 | 2032-2033 | | 3.26 | 3 | 123.63 | | | 124 | 120 | 0.16 | 20 |
| 10 | 2033-2034 | | 3.79 | 4 | 143.56 | | | 144 | 140 | 0.13 | 19 |
| 11 | 2034-2035 | | 4.40 | 4 | 166.70 | | | 167 | 162 | 0.11 | 18 |
| 12 | 2035-2036 | | 5.11 | 5 | 193.57 | | | 194 | 188 | 0.09 | 17 |
| 13 | 2036-2037 | | 5.93 | 6 | 224.78 | | | 225 | 219 | 0.07 | 16 |
| 14 | 2037-2038 | | 6.89 | 7 | 261.01 | | | 261 | 254 | 0.06 | 15 |
| 15 | 2038-2039 | | 8.00 | 8 | 303.09 | | | 303 | 295 | 0.05 | 14 |
| 16 | 2039-2040 | | 9.29 | 9 | 351.95 | | | 352 | 343 | 0.04 | 14 |
| 17 | 2040-2041 | | 10.79 | 11 | 408.68 | | | 409 | 398 | 0.03 | 13 |
| 18 | 2041-2042 | | 12.52 | 13 | 474.56 | | | 475 | 462 | 0.03 | 12 |
| 19 | 2042-2043 | | 14.54 | 15 | 551.06 | | | 551 | 537 | 0.02 | 12 |
| 20 | 2043-2044 | | 16.89 | 17 | 639.89 | | | 640 | 623 | 0.02 | 11 |
| 21 | 2044-2045 | | 19.61 | 20 | 743.04 | | | 743 | 723 | 0.01 | 11 |
| 22 | 2045-2046 | | 22.77 | 23 | 862.82 | | | 863 | 840 | 0.01 | 10 |
| 23 | 2046-2047 | | 26.44 | 26 | 1,001.90 | | | 1,002 | 975 | 0.01 | 9 |
| 24 | 2047-2048 | | 30.70 | 31 | 1,163.41 | | | 1,163 | 1,133 | 0.01 | 9 |
| 25 | 2048-2049 | | 35.65 | 36 | 1,350.95 | | | 1,351 | 1,315 | 0.01 | 9 |
| Total | | 170 | 252 | 422 | 9,500 | - | - | 9,500 | 9,078 | | 256 |

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

| Asset | Useful Life |
|-------------------------------------|-------------|
| Buildings/ Civil Works | 25 |
| Tubewell Pumps | 15 |
| Disposal Pumps | 15 |
| OHR | 50 |
| Water Pipelines | 25 |
| Rising Mains/ Transmission Mains | 25 |
| Sewerage/ RCC Pipelines | 25 |
| Vehicles | 10 |
| Machinery & Equipment | 15 |

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Annexure F. Stakeholder's Consultative Session



Consultative Session - Bahawalnagar.pdf

| City | Date | Consultant Team | MC Team | |
|--------------|------------------------------------|-----------------|--------------|-----------------------|
| | | | Designation | Name |
| Bahawalnagar | From 2-May-23 To 3-May-23 | Mr. Ahmad Fiaz | MOI | Not Present |
| | | Mr. Abdullah | Sub Engineer | Mr. Athar, Mr. Arshad |
| | | Mr. Hamza | PMDFC DPO IT | Mr. Waqas |
| | | | PMDFC DPO ID | Mr. Amjid |

Punjab Municipal Development Fund Company (PMDFC)



Punjab Cities Program



Integrated Development and Asset Management Plan (IDAMP)

Consultative Session

Conducted on May 09, 2023

Municipal Committee Bahawalnagar

Prepared by: Regional Program Coordinator (South)

Agenda

| Consultative Session on IDAMP with Stakeholders at MC Bahawalnagar | |
|---|--|
| Under Punjab Cities Program (PCP) | |
| Organizing Date: May 09, 2023 | |
| Time | Activity Description |
| 10:30 AM | Registration of the Participants |
| 11:00 AM | Recitation from the Holy Quran |
| 11:10 AM | Importance of Community participation |
| 11:25 AM | Introduction and Description of the IDAMP activity being performed at MC, its purpose, objective |
| 11:35 AM | Description of main points of IDAMP Framework/guidelines |
| 11:55 AM | Description of main features of IDAMP of respective MC (The developed IDAMP for MC may be discussed as an example) |
| 12:05 PM | Discussion on Projects Identified in IDAMP |
| 12:25 PM | Open Discussion |
| 12:45 PM | Discussion to ensure women participation in the overall process |
| 1:00 PM | Closing of Session |

PROCEEDINGS OF SESSION

After registration of participants a brief session was conducted on IDAMP details are given below:

1. Introduction:

The IDAMP Framework sets out the principles/guidelines and policies for efficient and transparent asset management and reporting system. Thus, this Framework is designed to ensure the effective planning, careful management, accurate recording and reliable reporting of all the assets over the asset life cycle for optimized service delivery to the public.

2. Purpose of IDAMP Framework

The key purpose of IDAMP Framework is the effective management of asset portfolio of the MCs in order to achieve service delivery objectives.

- Encourage a consistent approach and a common methodology for development and management of assets.
- Provide guidelines to ensure informed decision making by MCs for investment in and management of those assets which help achieve the service delivery objectives.
- Establish principles for the development of detailed Standard Operating Procedures for implementation and sustainability of IDAMP.

3. Scope of IDAMP Framework:

IDAMP Framework is, in initial phase, applicable to the 16 Municipal Committees (MCs) of Punjab supported by the World Bank-funded Punjab Cities Program (PCP) to strengthen the performance of MCs in urban management and municipal service delivery. These MCs are listed below:

| Sr. No. | Northern Punjab | Central Punjab | Southern Punjab |
|---------|-----------------|----------------|-----------------|
| 1. | Daska | Gojra | Bahawalnagar |
| 2. | Hafizabad | Jaranwala | Burewala |

| | | | |
|----|-----------|---------|----------|
| 3. | Jhelum | Jhang | Khanewal |
| 4. | Kamoke | Kamalia | Kot Addu |
| 5. | Muridke | Okara | Vehari |
| 6. | Wazirabad | | |

Further, this IDAMP Framework provides principles and guidance about the following arenas of asset management:

- Planning of Assets Development of project proposals for rehabilitation/replacement or new assets creation.
- Appraisal of proposed projects.
- Selection of suitable projects for implementation.
- Operation and maintenance (O&M) planning of assets.
- Monitoring and Evaluation of implementation of IDAMP.

4. Legal Authority of IDAMP Framework

It is the responsibility of local governments to manage and develop assets within their jurisdiction, including infrastructure, buildings, land, and public resources.

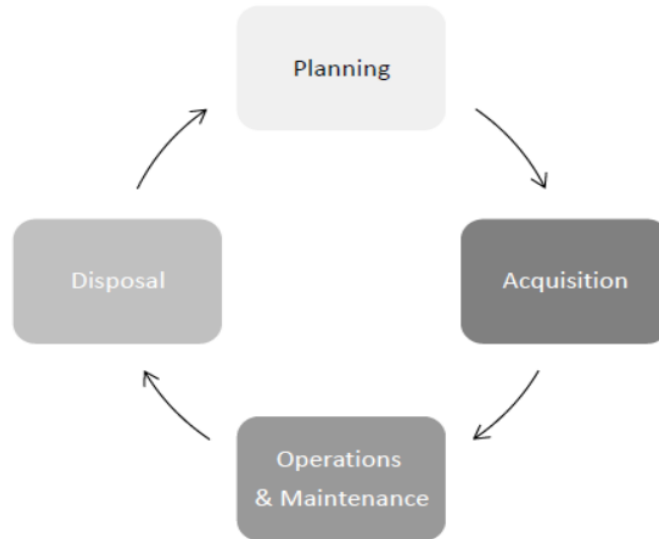
5. Overview of IDAMP/Challenges faced by MCs

- Repetitive Transition in LG System.
- Institutional Fragmentation and Unclear Accountability.
- Weak Systems and Capacities at MCs.
- Weak MC Finances.
- Low Coverage & Quality of the Municipal Services.
- Poor Operation & Maintenance (O&M).
- Lack of multi-year planning for development and asset management.

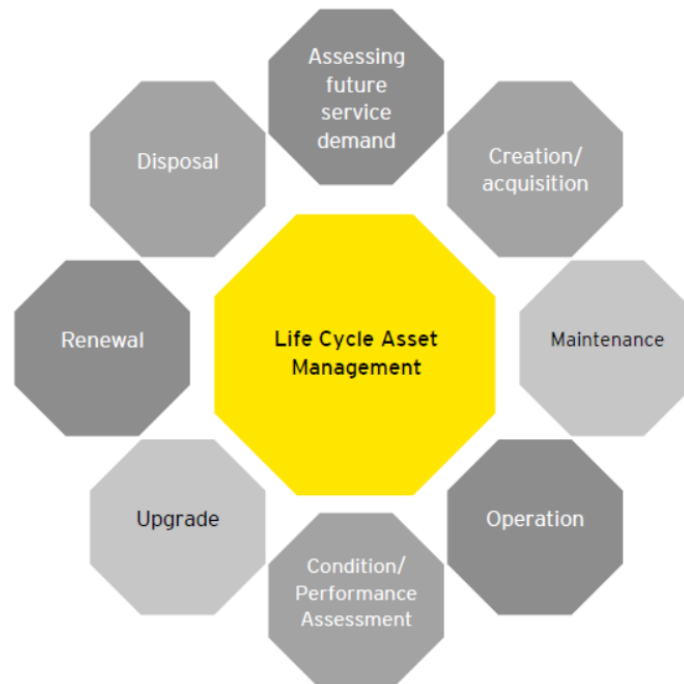
6. Key Concepts

The processes have been derived from the well-established standards like ISO 55000 and International Infrastructure Asset Management Manual (IIMM). The process is contextualized for Punjab Province based on the intensive discussion with the respective officials overseeing the asset management.

Every asset is bound to have certain time period for performing its operations or providing services attributed to it from acquisition to disposal. This is referred to as *Asset Life Cycle*.



Asset Management is related to entire Life Cycle of an asset called Life Cycle Asset Management. After acquisition, the maintenance for operation is done continuously on the basis of assessment of performance or condition as well as for achievement of desired level of service and finally the decision of upgrading, renewal, replacement or disposal is taken.



The coordinated system for carrying out life cycle asset management in an effective and efficient manner is the one known as 'Asset Management System' (AMS). A standard AMS has various components which include asset registration, asset categories, finance, asset maintenance and asset related reports.



7. Key Challenges

- Lack of multi-year planning for development and asset management.
- Weak Systems and Capacities.
- Non-availability of an effective asset management system.
- Lack of well-defined system for the prioritization of projects.
- Poor Operation & Maintenance (O&M).

8. Objectives of IDAMP

- The importance of physical assets to delivering service delivery objectives and outcomes.
- The quality of existing physical assets in terms of condition and asset performance.
- The assets needed to meet or sustain current levels of service, and to address current and future shortfalls.
- The feasible asset solutions to address identified shortfalls.
- The level of commitment and planned improvements.

9. Key Benefits of IDAMP

- Improved service delivery.
- Improved financial performance.
- Informed asset investment decisions.
- Managed risk.
- Demonstrated social responsibility.
- Improved efficiency and effectiveness.
- Enhanced public trust and confidence.
- Improved organizational sustainability.

10. Asset Portfolio Analysis

- Asset Condition Assessment:
 - i. Its age.
 - ii. Its operating environment (what weather etc. it is exposed to).
 - iii. Its apparent wear and tear.
 - iv. Asset's performance.
 - v. Asset's contribution to service delivery.

11. Asset Portfolio Analysis

- Asset Risk Management

1. Physical Condition

| Physical Condition | New/Excellent Condition | Minor Defects Only | Moderate Deterioration | Significant Deterioration | Unserviceable |
|--------------------|-------------------------|--------------------|------------------------|---------------------------|---------------|
| Score | 1 | 2 | 3 | 4 | 5 |

2. Asset Performance (KPIs)

| Performance (KPIs) | Meets Performance Targets | Minor Performance Deficiencies | Considerable Performance Deficiencies | Major Performance Deficiencies | Doesn't Meet Performance Targets |
|--------------------|---------------------------|--------------------------------|---------------------------------------|--------------------------------|----------------------------------|
| Score | 1 | 2 | 3 | 4 | 5 |

3. Asset reliability

| Reliability | As Specified by Manufacturer | Random Breakdown | Occasional Breakdown | Periodic Breakdown | Continuous Breakdown |
|-------------|------------------------------|------------------|----------------------|--------------------|----------------------|
| Score | 1 | 2 | 3 | 4 | 5 |

Asset Condition Rating

An average score shall then be calculated by the department technical team and final score shall be awarded on the basis of average score of all the factors.

| Average Score | 1 | 2 | 3 | 4 | 5 |
|-----------------|-----------|------|------|------|---------|
| Asset Condition | Excellent | Good | Fair | Poor | Failing |
| Category | A | B | C | D | E |

12. Methodology for the IDAMP

Step 1: Development of GIS based Assets Inventory

Step 2: Notification of Level of Service (LOS)

Step 3: Development of Project Proposals

Step 4: Operations and Maintenance (O&M) Costs Planning

Step 5: Financial Capacity Analysis

Step 6: Projects Screening and Phasing

Step 7: Finalization of Integrated Development and Asset Management Plan

13. Monitoring and Evaluation of IDAMP

- Establishment of M&E Unit
 - i. A Monitoring and Evaluation (M&E) Unit shall be established for continuous monitoring of implementation and compliance of the IDAMP.
 - ii. Chief Officer of the concerned Local Government (MC) shall nominate a Municipal Officer (MO) who shall not be part of Technical Team of IDAMP or may create an independent unit with name of Monitoring and Evaluation Unit.
- Monitoring and Evaluation of IDAMP
 - a) Ensure that Asset Management System (AMS) is updated in all aspects.
 - b) Carry out monitoring of:
 - i. Levels of services.
 - ii. Performance of an asset, including financial and non-financial performance.
 - iii. The effectiveness of the asset management system.
 - c) M&E Unit shall receive and evaluate the following reports from the entity and Asset Managers:
 - i. Report on Key Performance Indicators (Target vs Achieved).
 - ii. Report on projects implementation status.
 - iii. Report on any hindrance observed while implementing the project.
 - d) Evaluation of projects implemented during the year and its status with respect to IDAM Plan developed
 - e) Conduct Internal Audit at planned intervals to identify and address potential gaps in system and identify opportunities for performance improvement.
 - f) Review the entity's asset management policies, procedures and systems, at planned intervals, to ensure its continuous improvement, adequacy, suitability and effectiveness.
 - g) Provide recommendation and guidelines to IDAMP Team.

Attend Sheet of Session

Municipal Committee ..Bahawal Nagar
Consultative Session for IDAMP
Attendance Sheet

Dated: 9/5/2023. Venue: M.C. Bahawal Nagar

| Sr # | Name | Resident Address | Gender | Occupation | Remarks |
|------|-----------------|-------------------------------|--------|------------------|------------|
| 1 | Tahir Soudr | MED BWN | M | S/Engineer | Eng = |
| 2 | SHAFIQ SAUD | CO-ML-BWN | m | Co-ml | |
| 3 | M. BABAR KHAN | DO Environment | M | DO | Satisfacto |
| 4 | M. Khalid Alvi | F.P.M.C BWN | M | F.P | |
| 5 | Aij Gillani | PMDFC Lahore | M | Environmentalist | |
| 6 | M. Ashraf Tahir | M.C.B.W.N. | M | Sub-72 | Patah |
| 7 | M. Nayab Akhtar | BWN | M | IT officer | Satisfied |
| 8 | HASSAN ALI | DPO.S.S. PMDFC, LHR. | M | DPO.S.S. | |
| 9 | M. Ahmed Dais | M.C BWN | | M.C | refused |
| 10 | Athar mehmood | sub engineer De Bahawal Nagar | M | district level | |
| 11 | میرزا | کمرنگ ٹاؤن | M | نگران | |
| 12 | جاوید اختر | امیر کوٹے | M | نگران | نہی |
| 13 | ایس بی | سرینگرہ ٹاؤن | F | | ایس بی |
| 14 | انیلہ ساہو | | F | | انیلہ |
| 15 | سربین | سینٹر آباد ٹاؤن | F | | سربین |
| 16 | نسیم بی بی | سینٹر آباد ٹاؤن | F | | نسیم |
| 17 | ملکہ | سرینگرہ ٹاؤن | F | | ملکہ |
| 18 | نوارہ جوڑ | کھنڈ | F | | کھنڈ |
| 19 | Allah Nawaz | M.C BWN | M | | اللہ نواز |
| 20 | Malik Islam | Amil Kot | M | | Malik |

Municipal Committee Behawal Nagar
Consultative Session for IDAMP
Attendance Sheet

Dated: 9/5/2023 Venue: M.C. Behawal Nagar

| Sr # | Name | Resident Address | Gender | Occupation | Remarks |
|------|----------------------|------------------|--------|------------|---------|
| 21 | Naveed Akhtar | Land officer | M | S/land | High |
| 22 | M. Akhtar | S.W. S | M | Student | |
| 23 | M-Raza | EPA = BWN | M | | Raza |
| 24 | G. Musajeeb | Faisal colony | M | | W/O |
| 25 | Ashraf | BWN | M | | SI |
| 26 | Gani Khan | B.W.N. | M | | SI |
| 27 | Numan Anjum | B.W.N. | M | | E/O |
| 28 | M. Bahariz | B.W.N. | M | | Boat |
| 29 | AHMAD Din | B.W.N. | M | | SI |
| 30 | S. Reshid Hussain | IWS. R.C. Pator. | M | | SI |
| 31 | Tariq Mahmood | Leader BWN. | M | | SI |
| 32 | M-Ramoz | SK | M | | SI |
| 33 | Nadeem Akhtar | m.ed. | M | Teacher | SI |
| 34 | Menteh | m.nchimabak | M | W/O | SI |
| 35 | Fauzeed Akhtar | M.R.P. | M | | SI |
| 36 | ASB WABIM | B.W.N | M | | SI |
| 37 | Masood | South Jyn | M | Engr | SI |
| 38 | Umair Jang | Chakidax | M | M.C. | SI |

Municipal Committee ..Bahawal Nagar
Consultative Session for IDAMP
Attendance Sheet

Dated:.....9/5/2023.

Venue: M.C. Bahawal Nagar

| Sr # | Name | Resident Address | Gender | Occupation | Remarks |
|------|--------------------------|--------------------|--------|------------------------|---------|
| 39 | Qasim Ali Shah | Bahawal Nagar | Male | Casualist | Present |
| 40 | Raza Gani | 2210-1 | R | S | |
| 41 | M. S. B. | Chowk | M | | |
| 42 | Shaham Miftab | Environment BUN | M | | Present |
| 43 | Humayun Javed | EPWA Bahawal Nagar | M | | Present |
| 44 | Umar Tallet | Asian Lahore | M | Engg. | Present |
| 45 | M. ZAFAR RASHEED AWAN | Shahzad Nagar | M | Lecturer | Present |
| 46 | M. Saad | Plumber - B.W.N | M | | Present |
| 47 | M. AZAM | M.C. BUN | M | J.D.R | Present |
| 48 | Syed Masood | Field | M | Social worker | Present |
| 49 | ABDUL RAZZAG | FOREST | M | BO | A. Reg |
| 50 | Rana Dilawar Khan | SEO PHED BUN | M | Government officers | Present |
| 51 | Izhar Khalid | St#14, Madniy | M | Govt. officer | Present |
| 52 | Tahir Mehmood | Dr Indrias | M | Taluk | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Banner and Participants Pictures



Question & Answer Session:

Session was interactive and at the end of session participants liked the implementation of IDAMP in MC.

Ms. Aneela Sajid: share there is no water supply available there we need water supply scheme in Railway colony. It was shared that MC will work on it if it is not in project it will be included as per the availability of funds.

Mr. Tahir Sardar: from Public Health Engineering Department shared that quality of previously used sewer lines was poor, further it was requested to please ensure quality of sewer lines.

Some of the participants shared there is need to fix water supply in Farooqabad as sewer line water mixed in Farooqabad colony.

Closing of Session:

Overall the session was interactive and a great success in which healthy sharing of views took place. Session was closed with note of thanks.