



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 2024**



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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%
9	Bus stand	2.50%
10	Slaughterhouse	2.50%

Sr.	Sectors/ Projects	Annual O&M Cost (%age of Capital Cost)
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.
- Rrough 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.	9
		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
5	Buildings	Offices	No.	1

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
		Library	No.	1
		Residential Buildings	No.	29
		Shops	No.	348
6	Public Places	Park	No.	4
		Slaughter House	No.	1
7	Office Vehicles	Office Vehicles	No.	5
8	Street lights	Street lights	No.	681
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	-	4	4	-	1	No.	9
	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	-	2	2	-	-	No.	4
	Slaughter House	-	-	-	1	-	No.	1
Office Vehicles	Office Vehicles		-	2	2	1	No.	5
Street lights	Street lights	254	208	-	-	219	No.	681
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
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	63%	63%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
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)			
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%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	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%	Replacement of Streetlights	2025-2026
	Working Streetlight %	Percentage of working streetlights as of total streetlights.	54%	100%		
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%	Improvement and Rehabilitation of Parks in Bahawalnagar City	2023-2025
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	56%		
	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%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	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%		
	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	Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City	2025-2026
	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
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%		
	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
12	03-12-03-03-01	SWM Vehicle Parking Shed	Solid Waste Management System	15.0	15.0	1.0	-	1.0	-	1.0	80
13	03-12-02-01-03	Energy Management Plan	Water Supply	6.43	6.43	0	-	0	-	0	80
				2,350.63	1,245.98	17.50	904.45	43.86	200.20	59.18	

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 making them livable. 7. Improvement in local and province economy.	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 beds • Water supply & drainage system	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
				8. Improvement in the economic growth potential of the city.				
3	03-12-04-03-01	Replacement of Streetlights	Streetlights	<p>Enhance public safety and security by providing adequate lighting.</p> <p>Improve visibility for motorists and pedestrians.</p> <p>Increase the overall quality of street lighting.</p> <p>Reduce energy consumption and operating costs.</p> <p>Promote energy efficiency and sustainability.</p> <p>Improve the aesthetics of the area.</p> <p>Enhance the functionality of the street lighting system.</p> <p>Improve reliability and reduce maintenance downtime.</p> <p>Ensure compliance with regulatory requirements.</p> <p>Increase the lifespan of the street lighting system.</p>	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	Ensure compliance with sanitation and hygiene standards. Improve the welfare and treatment of animals. Enhance public health and safety. Increase the efficiency of the slaughter process. Reduce operating costs and increase profitability. Upgrade facilities and equipment to meet modern standards. Minimize the impact on the environment. Ensure compliance with regulatory requirements. Improve working conditions for employees. Improve the overall performance of the slaughterhouse.	<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, Bahawalnagar City
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

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
7		Construction of Underground Water Storage Tank	Water Supply	<p>The main objectives are</p> <ul style="list-style-type: none"> - 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 	<p>Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonry Works Coation and Insulation Piping and Connection Concrete Works</p>	550	13.75	Bhawalnagar City
8		Solarization of the municipal buildings	Buildings	<p>The primary objectives of solarization are as follows:</p> <p>a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development.</p> <p>b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality.</p> <p>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.</p>	Solarization of the municipal buildings based on the site load and installation capacity assessment	50	0.25	Bhawalnagar City
9	03-12-02-01-02	Solarization of Tube wells and Water Supply System	Water supply	<p>The primary objectives of solarization are as follows:</p> <p>a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development.</p> <p>b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and</p>	<p>Solarization of the tubewells based on the site load and installation capacity assessment.</p> <p>Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to</p>	170	0.85	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
				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.	ensure sustainable and energy-efficient water supply for rural needs.			
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 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 disposal station based on the site load and installation capacity assessment. Disposal station solarization project scope involves converting conventional pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	148.991	.75	Bahawalnagar
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.	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

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
				8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.				

5.2. Operations and Maintenance (O&M) Strategy

The Operations and Maintenance (O&M) Strategy outlined in this Integrated Development and Asset Management Plan (IDAMP) ensures the effective management and sustainability of critical infrastructure assets, including sewerage, water supply, and solid waste machinery. Each component of the O&M strategy is designed to optimize asset performance and support ongoing service delivery.

1. Sewerage Operations and Maintenance

- **Preventive Maintenance:** Regular inspection, cleaning, and repair of sewer lines, manholes, and treatment facilities to prevent blockages and ensure uninterrupted flow.
- **Emergency Response:** Establishment of rapid response protocols for addressing sewerage system failures and overflows to minimize public health and environmental risks.
- **Pump Station Management:** Routine maintenance of sewerage pumping stations to optimize performance and extend equipment lifespan.
- **Asset Monitoring:** Implementation of real-time monitoring systems to track sewerage system performance and identify potential issues proactively.
- **Budget Allocations:** All O&M expenses for sewerage infrastructure are based on the IDAMP guidelines, with a detailed list of expenses provided in Annexure G,H &I.

2. Water Supply Operations and Maintenance

- **Water Quality Management:** Regular testing and treatment of water sources to maintain compliance with quality standards and ensure safe drinking water supply.

- **Distribution Network Maintenance:** Inspection and repair of pipelines, valves, and pumps to minimize leaks and pressure fluctuations in the water distribution network.
- **Reservoir and Pump House Operations:** Scheduled maintenance of water reservoirs and pump houses to optimize operational efficiency and reduce energy consumption.
- **Leak Detection:** Utilization of advanced leak detection technologies to identify and repair water leaks promptly.
- **Budget Allocations:** O&M expenditures for water supply infrastructure are aligned with the IDAMP framework, as detailed in Annexure XYZ.

3. Solid Waste Machinery Operations and Maintenance

- **Equipment Servicing:** Routine servicing and lubrication of solid waste machinery, including compactors, shredders, and sorting equipment, to optimize performance and reduce downtime.
- **Waste Collection Fleet Management:** Maintenance and repair of waste collection vehicles to ensure reliable and efficient solid waste collection services.
- **Landfill Management:** Regular monitoring and maintenance of landfill sites to mitigate environmental impacts and ensure compliance with waste disposal regulations.
- **Recycling Infrastructure Maintenance:** Inspection and upkeep of recycling facilities and equipment to support sustainable waste management practices.
- **Budget Allocations:** O&M expenses related to solid waste management are calculated based on IDAMP guidelines, with a comprehensive breakdown provided in Annexure G,H &I..

In conclusion, the integrated Operations and Maintenance (O&M) Strategy within the IDAMP framework underscores our commitment to effective asset management and service delivery. By prioritizing preventive maintenance, rapid response capabilities, and continuous monitoring while aligning expenditures with the IDAMP, we ensure the long-term reliability and sustainability of essential infrastructure services. This proactive approach supports our mission to provide quality public services while optimizing resource utilization and minimizing operational risks.

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.

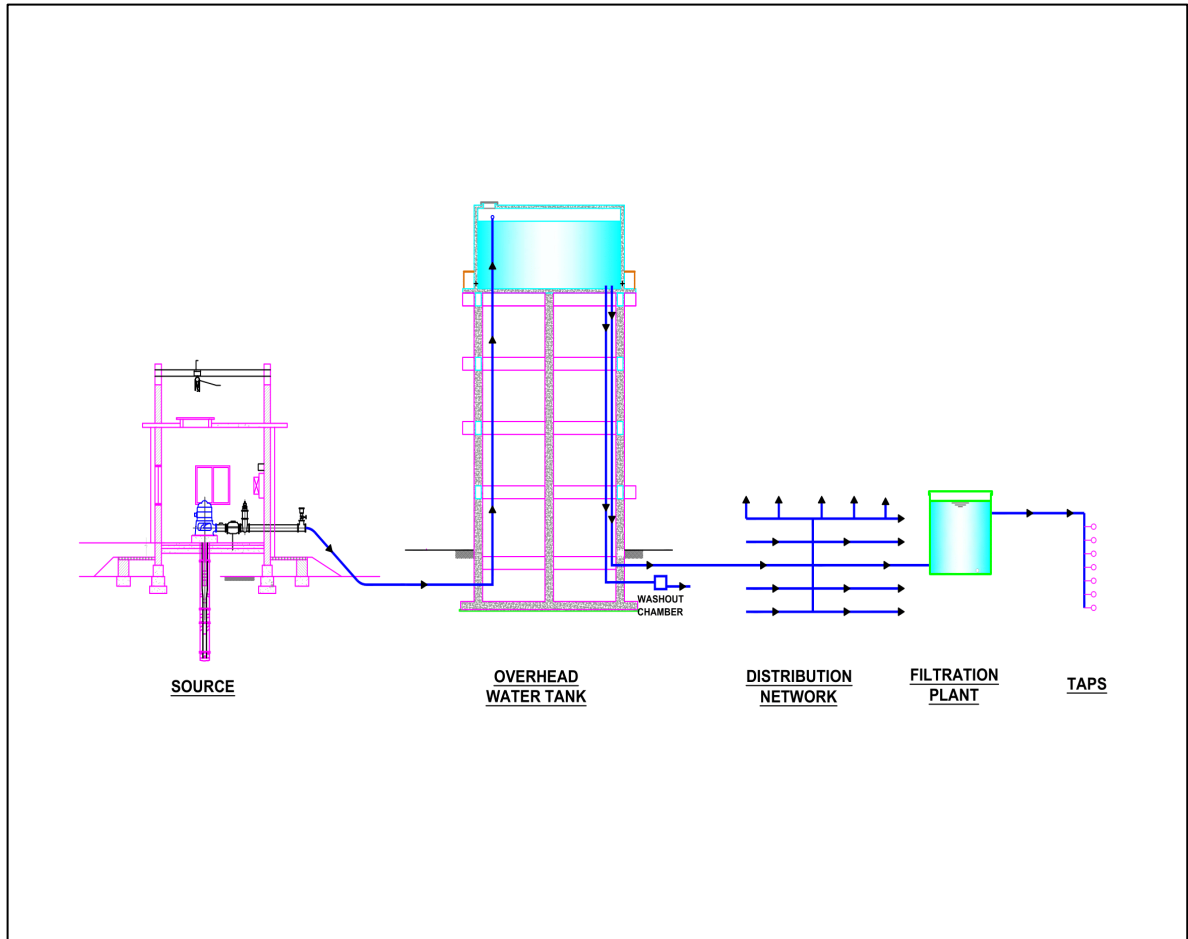
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

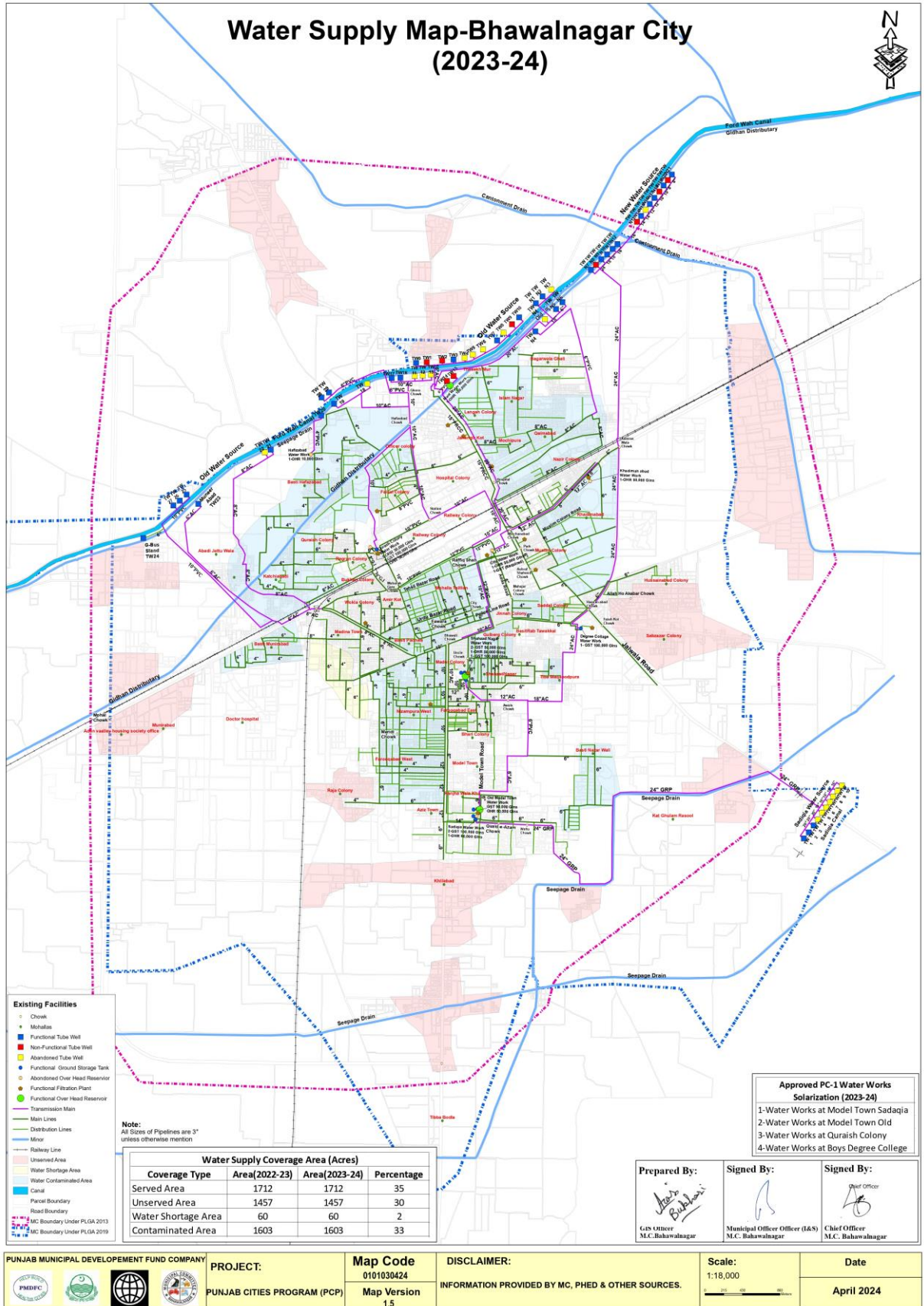
Annexure

Annexure A. Detail of Assets

1. Water Supply:

Key Components of a Water Supply System





	<p>PROJECT: PUNJAB CITIES PROGRAM (PCP)</p>	<p>Map Code 0101030424 Map Version 1.5</p>	<p>DISCLAIMER: INFORMATION PROVIDED BY MC, PHED & OTHER SOURCES.</p>	<p>Scale: 1:18,000</p>	<p>Date April 2024</p>
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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	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	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	
Power Wiring		Yes	No	
Service Cable		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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		Functional	Non Functional		
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		
Earthing of MCU		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	
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>		 <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-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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		





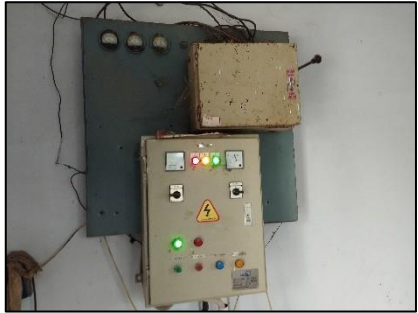

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average 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		
Service Cable		Yes	No		
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		







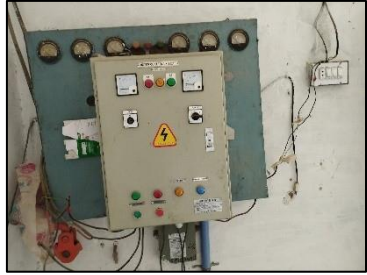


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
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		
Service Cable		Yes	No		
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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		
Service Cable		Yes	No		
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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		
Service Cable		Yes	No		
Earthing of MCU		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	
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 					
<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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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 					
<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 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	
Service Cable		Yes	No	
Earthing of MCU		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	
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 					
<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 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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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		
Service Cable		Yes	No		
Earthing of MCU		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	
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		
Service Cable		Yes	No		
Earthing of MCU		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		
Water Meter		Yes	No		








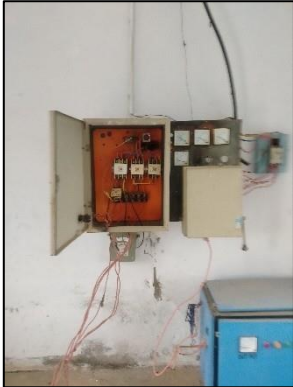

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset 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 # 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	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	
Energy Meter		Yes	No	


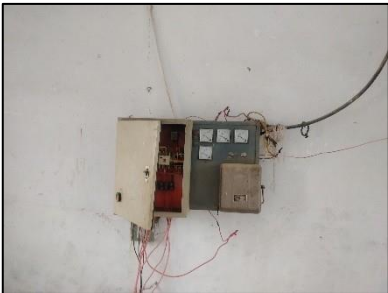


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average 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 # 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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		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	
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>		 <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-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 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	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	
Energy Meter		Yes	No	

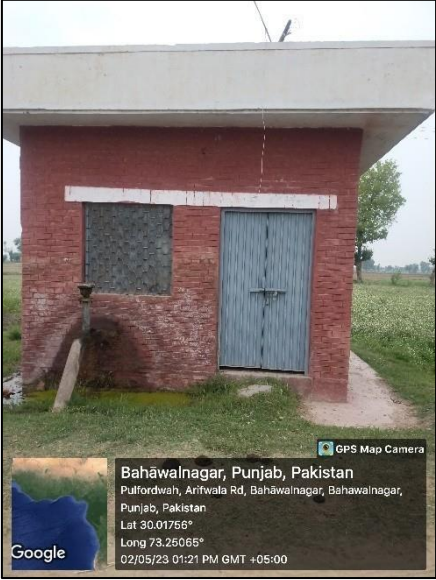
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average 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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		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	
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 # 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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		





Bahawalnagar, Punjab, Pakistan
Puffordwah, Arifwala Rd, Bahawalnagar, Bahawalnagar,
Punjab, Pakistan
Lat 30.01756°
Long 73.26065°
02/05/23 01:21 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	
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	
Service Cable		Yes		No	
Earthing of MCU		Yes		No	
Energy Meter		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	
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:	Tube Well			Asset Code: _____	
IDAMP-A1	Asset Condition Assessment			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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		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	
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	
Service Cable		Yes		No	
Earthing of MCU		Yes		No	
Energy Meter		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	
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	
Service Cable		Yes		No	
Earthing of MCU		Yes		No	
Energy Meter		Yes		No	


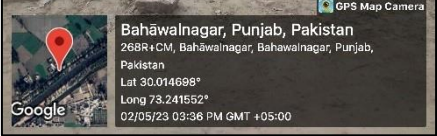



Bahawalnagar, Punjab, Pakistan
Pulfordwah, Arifwala Rd, Bahawalnagar, Bahawalnagar, Punjab, Pakistan
Lat 30.01756°
Long 73.26065°
02/05/23 01:38 PM GMT +05:00





Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
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	
Service Cable		Yes		No	
Earthing of MCU		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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>	

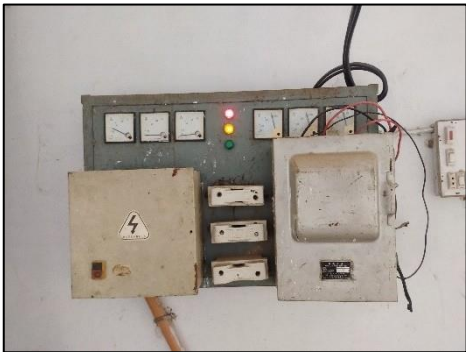
Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Bahawalnagar				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023
Asset Detail			Pictures	
Name		Ford Wah Old # 25		
Location	Latitude	29.992972		
	Longitude	73.231382		
Address		Arifwala 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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	

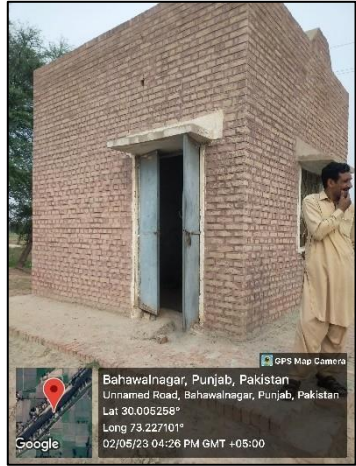








Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
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>		 <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-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		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		



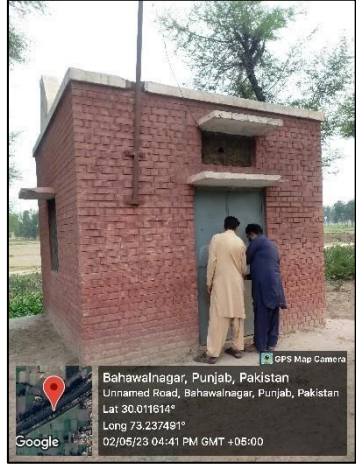


Bahawalnagar, Punjab, Pakistan
Unnamed Road, Bahawalnagar, Punjab, Pakistan
Lat 30.005258°
Long 73.227101°
02/05/23 04:26 PM GMT +05:00










Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 02-05-2023
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>		 <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-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	
Service Cable		Yes		No	
Earthing of MCU		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	
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 					
<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 # 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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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-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	
Service Cable		Yes		No	
Earthing of MCU		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	
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		
Service Cable		Yes	No		
Earthing of MCU		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
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		
Earthing of MCU		Yes	No		
Energy Meter		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	
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	
Service Cable		Yes	No	
Earthing of MCU		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	
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>		 <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>	





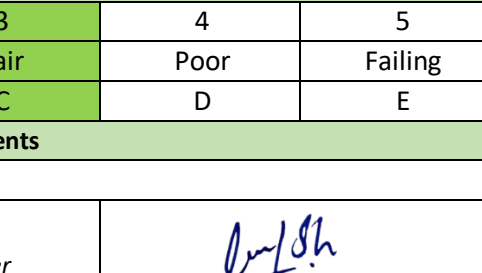
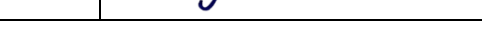



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Asset Detail				Pictures	
Name		Ford Wah Old # 16			
Location	Latitude	30.018042			
	Longitude	73.245694			
Address		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		
Service Cable		Yes	No		
Earthing of MCU		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	
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>		 <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>	


B. Filtration Plant



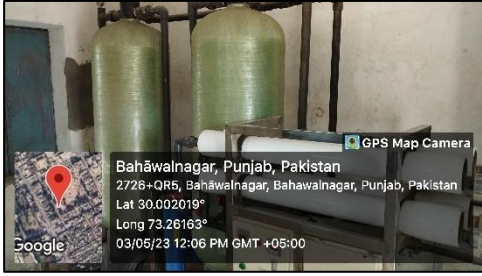
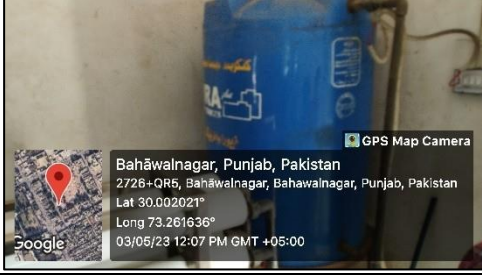

Sr #	Name	Age (Years)	Type	Filtration Capacity (Liters/hour)	Condition	Status	Book Value (PKR Mil)
1	City Filtration Plant	15	UV	2,000	Fair	Functional	0.4
2	Khadamabad	15	UV	2,000	Fair	Functional	0.3
3	Ghallamandi	7	UV	2,000	Good	Functional	1.1
4	Amir Jan Park	13	UV	2,000	Poor	Functional	0.4
5	Civil 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 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		
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		
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		
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 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</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
		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 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		
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>			




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
		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		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 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</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
		<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		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 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</i>			



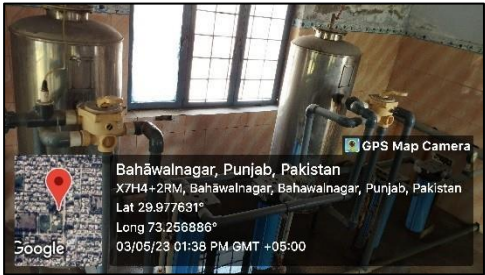

Integrated Development And Asset Management Plan (IDAMP)		
Municipal Committee Bahawalnagar		
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
		<i>Sign & Date: 30 May 2023</i>
<i>Data Checked By: Mr. M. Fiaz</i>	<i>Designation: Team Lead</i>	 <i>Sign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





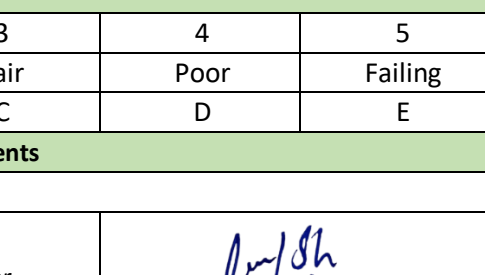



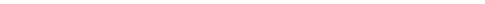

Integrated Development And Asset Management Plan (IDAMP)		
Municipal Committee Bahawalnagar		
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
		Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023


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 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</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
		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					
<ul style="list-style-type: none"> Temporary Non-Functional. 					

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>	 <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		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		
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>			

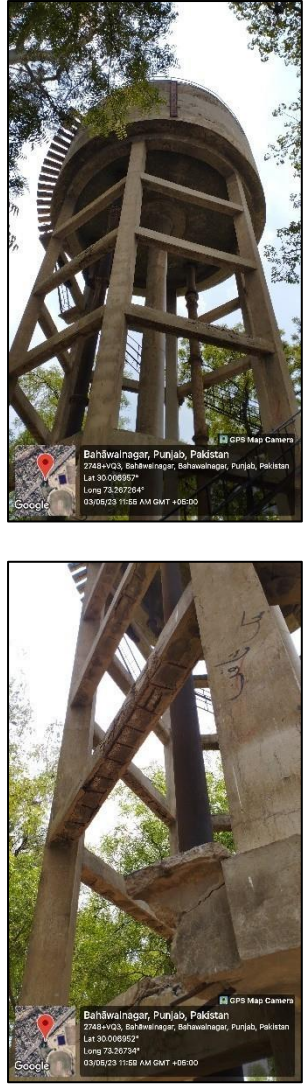

Integrated Development And Asset Management Plan (IDAMP)		
Municipal Committee Bahawalnagar		
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
		<i>Sign & Date: 30 May 2023</i>
<i>Data Checked By: Mr. M. Fiaz</i>	<i>Designation: Team Lead</i>	 <i>Sign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



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 					
<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>	 <i>Sign & Date: 30 May 2023</i>
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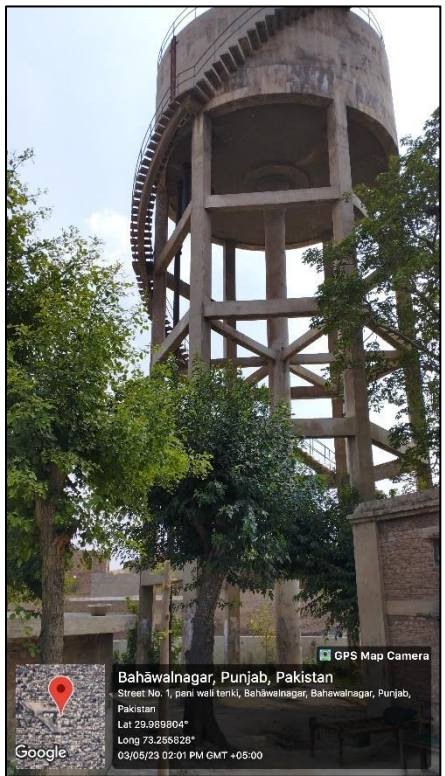
Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A2		Over Head Reservoir Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023
Name		Al Quresh Colony New			Pictures
Location	Latitude	30.001209			
	Longitude	73.245360			
Address		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		Functional	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 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</i>		 <i>Sign & Date: 30 May 2023</i>	

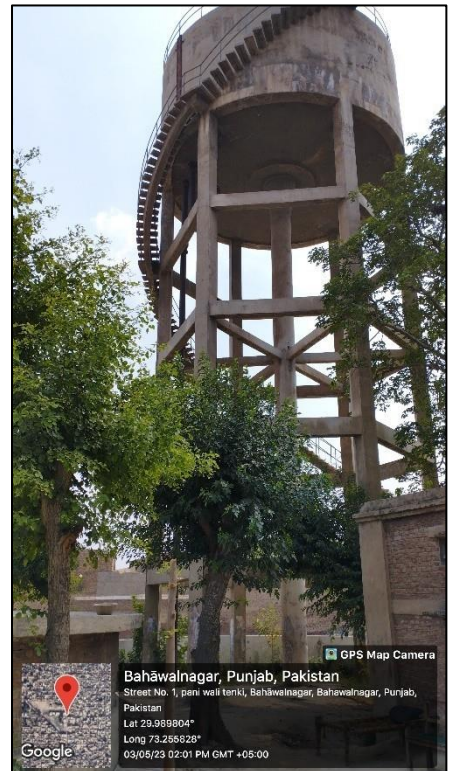
Data Checked By: Mr. M. Fiaz		Designation: Team Lead			 Sign & Date: 30 May 2023	
Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Bahawalnagar						
Form: IDAMP-A2		Over Head Reservoir Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Al Quresh Colony Old			Pictures	
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Latitude</td> <td style="padding: 2px;">29.977568</td> </tr> <tr> <td style="padding: 2px;">Longitude</td> <td style="padding: 2px;">73.256857</td> </tr> </table>	Latitude	29.977568	Longitude	73.256857								
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; background-color: #d9ead3;">Good</td> <td style="width: 33%;">Fair</td> <td style="width: 33%;">Poor</td> </tr> </table>	Good	Fair	Poor									
Good	Fair	Poor											
Tank Conditions	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Good</td> <td style="width: 33%;">Fair</td> <td style="width: 33%; background-color: #d9ead3;">Poor</td> </tr> </table>	Good	Fair	Poor									
Good	Fair	Poor											
Number of Valves	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Sluice Valve</td> <td style="padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">Non-Returning Valve</td> <td style="padding: 2px;">1</td> </tr> </table>	Sluice Valve	4	Non-Returning Valve	1								
Sluice Valve	4												
Non-Returning Valve	1												
Working Status	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Functional</td> <td style="width: 50%; background-color: #d9ead3;">Non-Functional</td> </tr> </table>	Functional	Non-Functional										
Functional	Non-Functional												
Rising Main	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Dia</td> <td style="padding: 2px;">8"</td> </tr> <tr> <td style="padding: 2px;">Material</td> <td style="padding: 2px;">MS</td> </tr> </table>	Dia	8"	Material	MS								
Dia	8"												
Material	MS												
Delivery Main	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Dia</td> <td style="padding: 2px;">6"</td> </tr> <tr> <td style="padding: 2px;">Material</td> <td style="padding: 2px;">MS</td> </tr> </table>	Dia	6"	Material	MS								
Dia	6"												
Material	MS												
Overflow & Scour Pipe	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Dia</td> <td style="padding: 2px;">6"</td> </tr> <tr> <td style="padding: 2px;">Material</td> <td style="padding: 2px;">MS</td> </tr> </table>	Dia	6"	Material	MS								
Dia	6"												
Material	MS												
Sluice Valve	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Rising Main</td> <td style="width: 30%; background-color: #d9ead3;">Yes</td> <td style="width: 30%;">No</td> </tr> <tr> <td style="padding: 2px;">Delivery Main</td> <td style="background-color: #d9ead3;">Yes</td> <td>No</td> </tr> <tr> <td style="padding: 2px;">Scour Pipe</td> <td style="background-color: #d9ead3;">Yes</td> <td>No</td> </tr> <tr> <td style="padding: 2px;">Overflow Pipe</td> <td style="background-color: #d9ead3;">Yes</td> <td>No</td> </tr> </table>	Rising Main	Yes	No	Delivery Main	Yes	No	Scour Pipe	Yes	No	Overflow Pipe	Yes	No
Rising Main	Yes	No											
Delivery Main	Yes	No											
Scour Pipe	Yes	No											
Overflow Pipe	Yes	No											
Stair Case	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; background-color: #d9ead3;">Yes</td> <td style="width: 30%;">No</td> </tr> </table>	Yes	No										
Yes	No												
Apron Around OHR	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Yes</td> <td style="width: 30%; background-color: #d9ead3;">No</td> </tr> </table>	Yes	No										
Yes	No												
Tank Top Railing	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; background-color: #d9ead3;">Yes</td> <td style="width: 30%;">No</td> </tr> </table>	Yes	No										
Yes	No												
Top Indication Light	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Yes</td> <td style="width: 30%; background-color: #d9ead3;">No</td> </tr> </table>	Yes	No										
Yes	No												
Lightening Arrester	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Yes</td> <td style="width: 30%; background-color: #d9ead3;">No</td> </tr> </table>	Yes	No										
Yes	No												
Boundary Wall & Gate	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; background-color: #d9ead3;">Yes</td> <td style="width: 30%;">No</td> </tr> </table>	Yes	No										
Yes	No												
Overflow Disposal Arrangements	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; background-color: #d9ead3;">Yes</td> <td style="width: 30%;">No</td> </tr> </table>	Yes	No										
Yes	No												
Approach to OHR	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; background-color: #d9ead3;">Good</td> <td style="width: 33%;">Fair</td> <td style="width: 33%;">Bad</td> </tr> </table>	Good	Fair	Bad									
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			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 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			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			Functional	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		

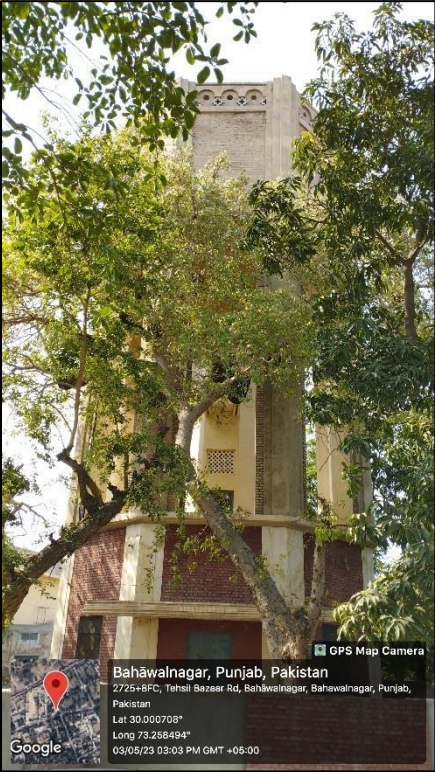




Lightening Arrester	Yes	No			
Boundary Wall & Gate	Yes	No			
Overflow Disposal Arrangements	Yes	No			
Approach to OHR	Good	Fair	Bad		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: 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		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		Functional	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>
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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>		 <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>
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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	

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

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 					
<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 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		
Change Over		Yes	No		
Overall Rating					












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
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-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"			
	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			
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		
Change Over		Yes	No		
Overall Rating					



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
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-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		
Generator		Yes		No		
Electro-Mechanical Equipment Details						

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>		 <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-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"		
	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		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	
Change Over		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	
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>		

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 PEQs, 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				
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	

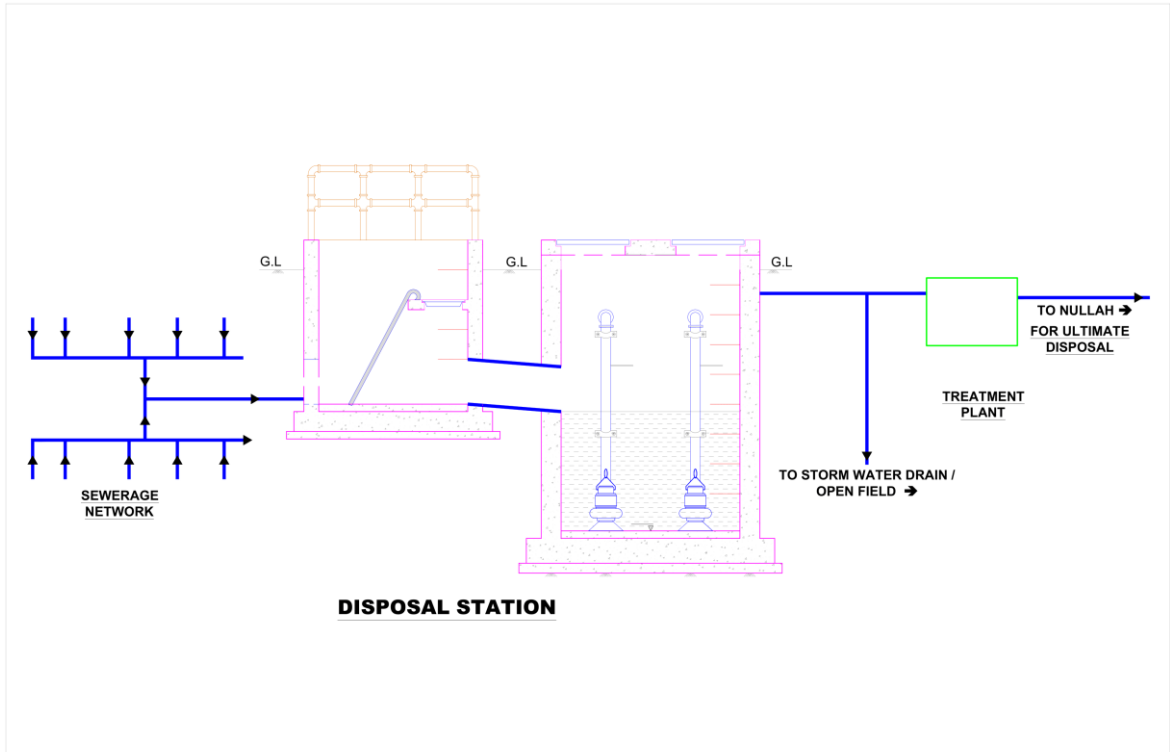
G. Vehicles/ Machinery

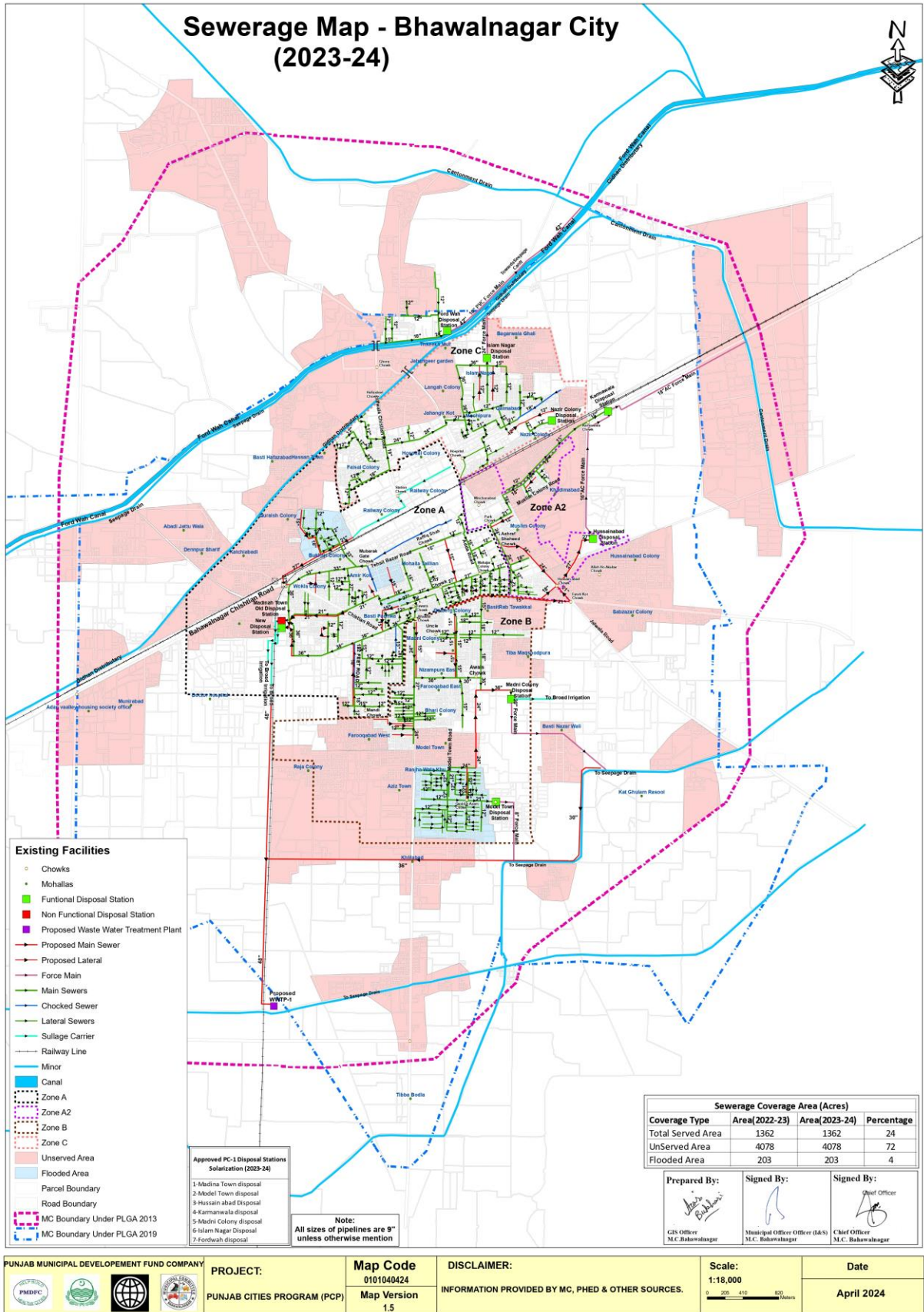
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Water Bowser	BNH 4081	17	Fair	50 HP	Functional	0.8

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







	<p>PROJECT: PUNJAB CITIES PROGRAM (PCP)</p>	<p>Map Code 0101040424</p> <p>Map Version 1.5</p>	<p>DISCLAIMER: INFORMATION PROVIDED BY MC, PHED & OTHER SOURCES.</p>	<p>Scale: 1:18,000</p>	<p>Date April 2024</p>
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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 Sewer	Drain	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	
		Railing	Yes	No	
Force Main		No. of force mains	1		
		Dia	10"		
		Material	PVC		
		Starting Point	Disposal Station		
		Ending Point	Seepage Drain		
Sullage Carrier		Length	3 km		
		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	2		
		Non-Return Valves	2		
		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	



Integrated Development and Asset Management Plan (IDAMP)					
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		 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		
Force Main	Railing	Yes	No		
	No. of force mains	1			
Force Main	Dia	24"			
	Material	AC			
	Starting Point	Disposal Station			
	Ending Point	Seepage Drain			
	Length	1500'			
Sullage Carrier	Size	No Sullage Carrier			
	Shape				
	Length				
	Condition				
Delivery Pipe	Dia	10"			
	Material	C.I			
Suction Pipe	Dia	10"			
	Material	C.I			
Number of Valves	Sluice Valves	9			
	Non-Return Valves	5			
	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		





Integrated Development and Asset Management Plan (IDAMP)											
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-Functional		Non-Functional		Non-Functional	
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	
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							

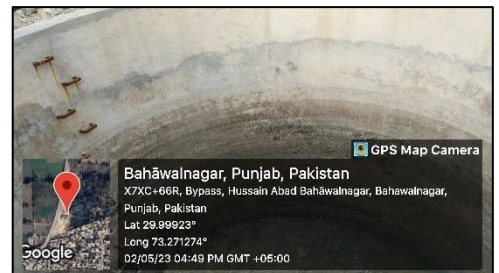
Integrated Development and Asset Management Plan (IDAMP)		
		Sign & Date: 30 May 2023

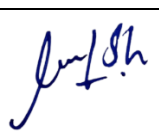

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A7		Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____
					Date: 02-05-2023
Asset Detail				Pictures	
Name		Karmanwala Disposal Station			
Location	Latitude	30.010709			
	Longitude	73.271959			
Address		Karmanwala, Bahawalnagar			
Area (Acres)		0.15			
Installation Year		2016			
Capital Cost of Machinery					
Outfall Sewer	Drain	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	
		Railing	Yes	No	
Force Main		No. of force mains	1		
		Dia	18"		
		Material	AC		
		Starting Point	Disposal Station		
		Ending Point	Seepage Drain		
Sullage Carrier		Length	5700'		
		Size			
		Shape			
		Condition	No Sullage Carrier		
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	
Discharge Box Structure		Good	Fair	Poor	
Approach to Pump House		Good	Fair	Poor	



Integrated Development and Asset Management Plan (IDAMP)					
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		 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 Sewer	Drain Dia	27"		
	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	
Force Main	No. of force mains	1		
	Dia	16"		
	Material	AC		
	Starting Point	Disposal Station		
	Ending Point	Karmanwala Disposal		
Sullage Carrier	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	2		
Ultimate Disposal		Karmanwala 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)	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
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 New			
Location	Latitude	29.992812			
	Longitude	73.240822			
Address		Madina Town, Bahawalnagar			
Area (Acres)		3.8			
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		Broad Irrigation		
Sullage Carrier	Size		3'x4'		
	Shape		Rectangular		
	Length		900'		
	Condition		Good		
Delivery Pipe	Dia		8"		
	Material		C.I		
Suction Pipe	Dia		8"		
	Material		C.I		
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	
Discharge Box Structure		Good	Fair	Poor	
Approach to Pump House		Good	Fair	Poor	
Hoisting Girder		Yes	No		

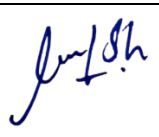



Integrated Development and Asset Management Plan (IDAMP)											
Boundary Wall & Gate		Yes	No								
Treatment of Sewage		Yes	No								
Wastewater daily discharge in m ³ /day? (based on available information at MC)		6750									
Ultimate disposal of wastewater?											
Electro-Mechanical Equipment 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				
Number of Valves		Sluice Valve		14							
		Non-Returning Valve		7							
Overall Rating											
Average Score		1		2		3		4		5	
Asset Condition		Excellent		Good		Fair		Poor		Failing	

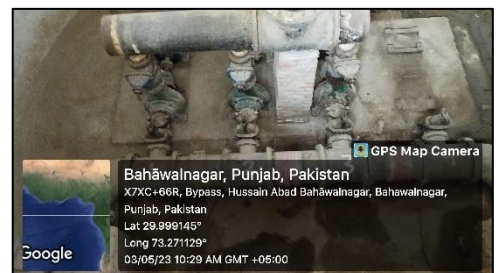
Integrated Development and Asset Management Plan (IDAMP)					
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> No remarks 					
<i>Data Collected By: Mr. Abdullah</i>		<i>Designation: Team Member</i>		 <i>Sign & Date: 30 May 2023</i>	
<i>Data Checked By: Mr. M. Fiaz</i>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

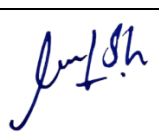

Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form: IDAMP-A7		Sewerage Disposal Station Asset Condition Assessment					Asset Code: _____			Date: 02-05-2023
Asset Detail					Pictures					
Name		Madina Town Old								
Location		Latitude		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		Rectangular			Circular				
	Size									
	Structure		Masonry			RCC				
Force Main	Railing		Yes		No					
	No. of force mains									
	Dia									
	Material									
	Starting Point									
Sullage Carrier	Ending Point									
	Length									
	Size									
	Shape									
Delivery Pipe	Length									
	Condition									
	Dia									
Suction Pipe	Material									
	Dia									
Number of Valves	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				
Approach to Pump House		Good		Fair		Poor				
Hoisting Girder		Yes			No					



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

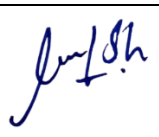

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Bahawalnagar					
Form: IDAMP-A7		Sewerage Disposal Station Asset Condition Assessment		Asset Code: _____ Date: 02-05-2023	
Asset Detail			Pictures		
Name		Madni Colony			
Location	Latitude	29.986374			
	Longitude	73.262014			
Address		Madni Colony, Bahawalnagar			
Area (Acres)		0.85			
Installation Year		2011			
Capital Cost of Machinery					
Outfall 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		Rectang ular	Circular	
	Size		25"		
	Structure		Masonry	RCC	
	Railing		Yes	No	
Force Main	No. of force mains		1		
	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		
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?					



Integrated Development and Asset Management Plan (IDAMP)										
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/No n-Clogging		Centrifugal/No n-Clogging		Centrifugal/No n-Clogging		Centrifugal/No n-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		
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		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 Sewer	Drain	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		
	Railing		Yes	No		
Force Main	No. of force mains		1			
	Dia		8"			
	Material		PVC			
	Starting Point		Disposal Station			
	Ending Point		Seepage Drain			
Sullage Carrier	Size		No Sullage Carrier			
	Shape					
	Length					
	Condition					
Delivery Pipe	Dia		6"			
	Material		C.I			
Suction Pipe	Dia		6"			
	Material		C.I			
Number of Valves	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		
Approach to Pump House		Good	Fair	Poor		
Hoisting Girder		Yes	No			





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

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					
<ul style="list-style-type: none"> • 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
<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. 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

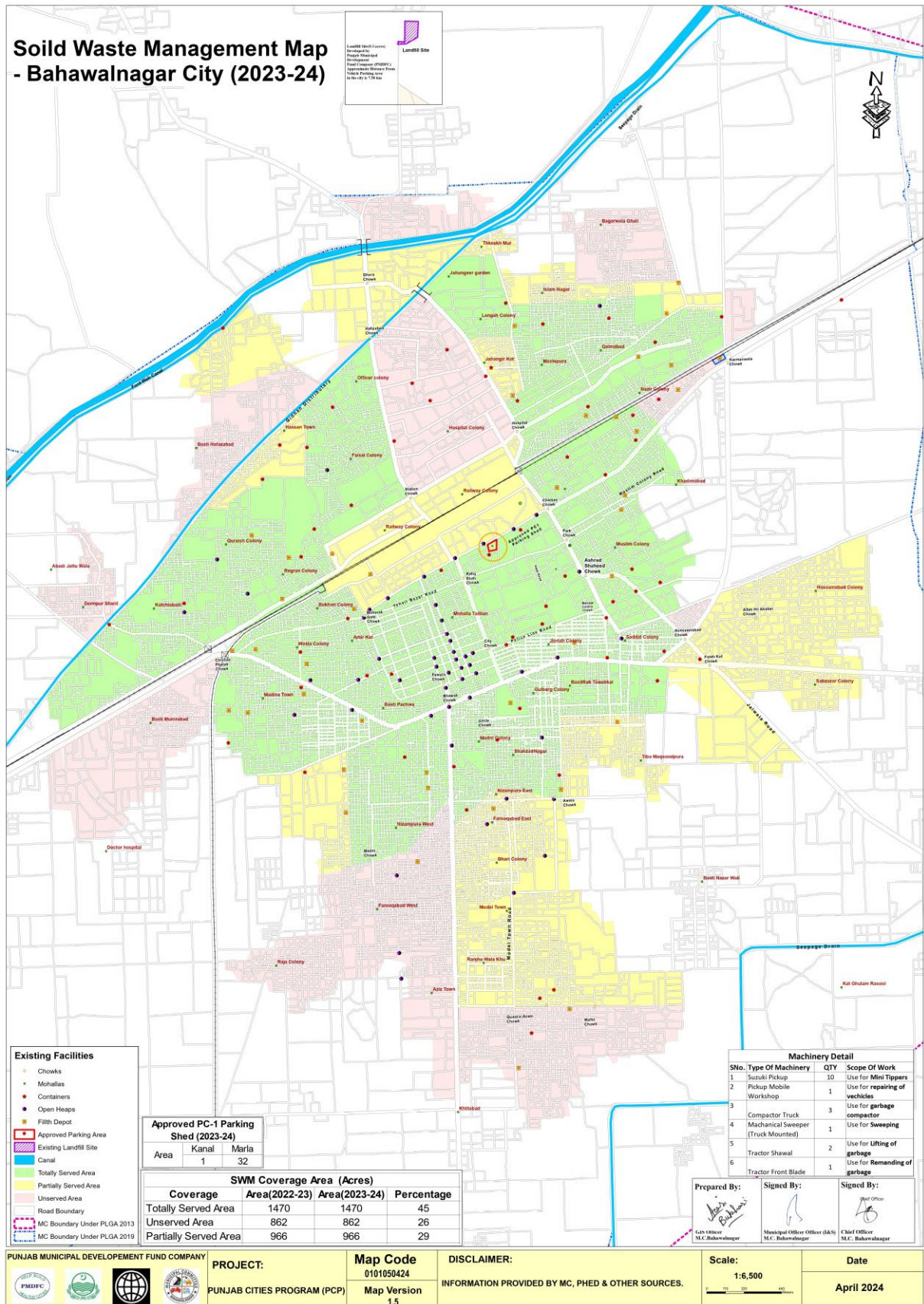
Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Bahawalnagar		
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
Type of Vehicle / Machinery	Pictures	
Sucker & Jetting Machine		
Capacity	Suction Machine 4500 liters	Jetting Machine 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 		
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

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 					
				 Sign & Date: 30 May 2023	
				 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
26	Road Prince	Loader Rickshaw #3	1	6	Good	150 CC	Functional	0.1




Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
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 								
<i>Data Collected By: Mr. Abdullah</i>	<i>Designation: Team Member</i>				 <i>Sign & Date: 30 May 2023</i>			

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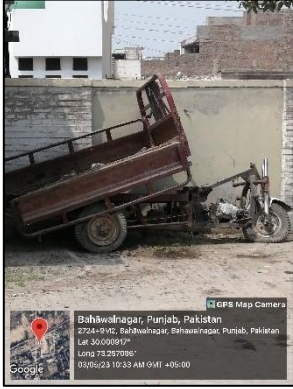


Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Bahawalnagar			
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery	Pictures		
Tractor-FIAT			
	Tractor-FIAT 1	Tractor-FIAT 2	Tractor-FIAT 3
Capacity	85HP	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>
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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>	 <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			
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>		 <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				
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 					
<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					
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 						
<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>				



		<i>Sign & Date: 30 May 2023</i>
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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				
	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			
Overall Rating						
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-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
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>

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	Book Value PKR million
1	Quid e Milat Road Bahawalnagar	Not Available	Fair	1	Not Available
2	Mouza Bahawalnagar Eid Gah Road Bahawalnagar	Not Available	Fair	1	Not Available
3	Mouza mandi BWN MND Bye Pass Road Bahawalnagar	Not Available	Fair	1	Not Available
4	Mulazim Colony Baldia Road Bahawalnagar	Not Available	Fair	16	Not Available
5	Mulazim Colony Eid Gah Road Bahawalnagar	Not Available	Fair	4	Not Available
6	Mouza Amar Singh Sani Chishtian Road Bahawalnagar	Not Available	Fair	1	Not Available
7	Quraish Colony Bahawalnagar	Not Available	Fair	1	Not Available
8	Model Town Water Works Bahawalnagar	Not Available	Fair	2	Not Available
9	Mouza Rojhanwali Bahawalnagar	Not Available	Fair	2	Not Available

D. Shops

SHOPS						
Sr #	Location	Age (Years)	Condition	Total	Book Value (Per shop)	Area Sq Ft
1	SHOPS MULHIQA SHOW ROOM QUID E MILLAT ROAD	1972	Good	7	1.0	48
2	OLD MEAT MARKET	1972	Good	16	0.3	120
3	OLD MEAT MARKET	1972	Good	1	0.3	156
4	OLD MEAT MARKET	1972	Good	2	0.3	95
5	MUTFARAQ MARKEET	1972	Good	9	0.3	130
6	MUTFARAQ MARKEET	1972	Good	6	0.3	163
7	DILSHAD MARKET	1972	Good	8	0.3	132
8	DILSHAD MARKET	1972	Good	1	0.3	221
9	DILSHAD MARKET	1972	Good	1	0.3	192
10	DILSHAD MARKET	1972	Good	1	0.3	204
11	DILSHAD MARKET	1972	Good	1	0.3	216
12	DILSHAD MARKET	1972	Good	2	0.3	264
13	DILSHAD MARKET	1972	Good	1	0.3	4
14	DILSHAD MARKET	1972	Good	1	0.3	16
15	DILSHAD MARKET	1972	Good	6	0.3	28
16	PLOTS SABQA TRUCK STAND QUID E MILLAT ROAD	1972	Good	6	3.0	226
17	PLOTS SABQA TRUCK STAND QUID E MILLAT ROAD	1972	Good	6	3.0	60
18	SHOWROOMS QUID E MILLAT ROAD	1972	Good	14	2.0	Not Available
19	CABIN SHOWROOMS QUID E MILLAT ROAD	1972	Good	12	1.5	48
20	MUNICIPAL MARKET TEHSIL BAZAR BAHAWALNAGAR	1972	Good	15	2.0	60
21	MUNICIPAL MARKET TEHSIL BAZAR BAHAWALNAGAR	1972	Good	6	2.0	240
22	SHOPS MULHIQA BAGHALI HOSIPITAL OPPOSITE THANA CITY	1972	Good	7	1.0	162
23	KHAN BABA MARKET KHAN BABA ROAD BAHAWALNAGAR	1972	Good	35	2.0	100

24	MUNICIPAL SHOPING CENTER TEHSIL BAZAR BAHAWALNAGAR	1972	Good	29	2.0	200
25	PLOTS QUID E MILLAT ROAD MULHIQA DILSHAD MARKEET	1972	Good	15	1.0	160
26	MUNICIPAL SHOPING PLAZA BALDIA ROAD BAHAWALNAGAR	1972	Good	22	2.0	200
27	MUNICIPAL SHOPING PLAZA BALDIA ROAD BAHAWALNAGAR	1972	Good	12	1.0	100
28	MUNICIPAL SHOPING PLAZA BALDIA ROAD BAHAWALNAGAR	1972	Good	4	2.0	263
29	SHOPS SABZI MANDI ROAD MULHIQA BAGHALI HOSPITAL	1972	Good	13	0.6	140
30	SHOPS SABZI MANDI ROAD MULHIQA BAGHALI HOSPITAL	1972	Good	4	0.6	264
31	CABIN EID GAH ROAD	1972	Good	12	0.5	32
32	SHOPS NEAR HAIDER STADIUM MINCHINABAD ROAD	1972	Good	42	2.0	168
33	TRUCK STANDS	1972	Good	13	3.0	223
34	SHOPS NELUM CINEMA CHOWK	1972	Good	7	1.0	64
35	SHOPS NEAR GATE MC OFFICE BAHAWALNAGAR	1972	Good	5	2.0	159
36	SHOPS OPPOSITE NBP QUID E MILLAT ROAD	1972	Good	4	2.0	119
37	BUILDING OLD OFFICE BALDIA ROAD	1972	Good	3	2.0	200

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

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
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 Ul 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 Ul 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
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

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
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
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

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
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 Bahawalnagar	29.99927172	73.26236318	64	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Hanif	Auto Store
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 Work 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
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-Milat Road Bahawalnagar	30.00382466	73.25962137	5394	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Mubarik Ali	Auto Workshop
21	8014	Municipal Market Tehsil Bazar Road	29.99953191	73.25518012	241	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Irshad Ahmad	Backery

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												
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 Bahawalnagar	29.99981927	73.25614595	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rasheed Ahmad	Barbar Shop
25	12014	Municipal Shopping Center Thana Sadar Road	29.99990113	73.25631333	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Mehmood Iqbal	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												
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 Bazar Road Bahawalnagar	29.99973923	73.2556533	60	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Munir	Bargar Showarma
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

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
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
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

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
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
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

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
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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 Bahawalnagar	30.00836334	73.26868475	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Bahsir Ahmad	Building Material Shop
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	30.00785612	73.26824548	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Qari Sultan	Building Metrial

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
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		Bahawalnagar												
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
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

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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
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 Minchanaba	30.00938276	73.27134562	15999	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Bashir Ahmad	Cargo Service

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Municipal Committee Bahawalnagar														
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		d Road Bahawalnagar												
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 Bahawalnagar	30.00720903	73.26771717	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Siddiq	Cement shop
65	2012	Miscellaneous Market Eid Gah Road	29.99985374	73.25315483	163	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Manzoor Ahmad	Ceramics

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		Bahawalnagar												
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 Jamaludin	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	Chiken Shop
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

Integrated Development and Asset Management Plan (IDAMP)														
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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 Center Thana Sadar Road Bahawalnagar	29.99984648	73.25683767	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Dr. Maqbool	Clinic
76	11009	Khan Baba Road	29.99398226	73.25412254	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ikram Ud Din	Clinic

Integrated Development and Asset Management Plan (IDAMP)														
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		Bahawalnagar												
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
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

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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	Decoratio n
84	12002	Municipal Shopping Center Thana Sadar Road Bahawalnagar	29.99990499	73.25646502	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamm ad Khalid	Decoratio n Shop
85	11002	Khan Baba Road Bahawalnagar	29.99316541	73.25379492	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamm ad Akram	Decoratio n shop
86	11033	Khan Baba Road Bahawalnagar	29.99310604	73.25371916	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Niaz Ahmad	Decoratio n Shop
87	5001	Quaid-e-Milat Road Bahawalnagar	30.0027384	73.26039011	19040	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamm ad Anwar	Decoratio n shop

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Municipal Committee Bahawalnagar														
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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 Bahawalnagar	30.0000998	73.25710999	140	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Mustafa	Dry Cleaner
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	30.00127071	73.26124058	162	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Khalida Parveen, Shamim	Dry cleaner

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		Bahawalnagar											Ijaz, Bushra Khanum	
94	2002	Miscellaneous Market Eid Gah Road Bahawalnagar	29.99966752	73.25275287	130	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	M Sabir S/o Ahmad Bukhsh M Amin S/o Aleem Ud Din	Dry Fruit Shop
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	29.99993265	73.25314238	163	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Saleem	Electric Store

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		Bahawalnagar												
99	3020	Dilshad Market Quaid-e-Milat Road Bahawalnagar	30.00397635	73.25943231	252	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ibrahim	Electric Welding, Gate Jali
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

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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
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

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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 Bahawalnagar	29.9994617	73.25226364	120	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ramzan	Fish Shop
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	30.00017923	73.25719777	23392	1	Non Commercial	Owned/Managed	No	No	Rented/Leased	Good	Dr. Bukhtiar	Foundation School

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		Bahawalnagar												
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 Bahawalnagar	29.99780249	73.25530353	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rauf Ahmad	freshly water
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	29.99363112	73.25380101	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shaukat Ali	Fruit Shop

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		Bahawalnagar												
121	19030	Minchanabad Road Bahawalnagar	30.00824855	73.26863609	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ashraf	Furniture shop
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	29.99956293	73.25258684	120	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Saleem	General 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
		Gah Road Bahawalnagar												
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	29.99395288	73.25401832	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Yasin	General 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												
133	11017	Khan Baba Road Bahawalnagar	29.99378231	73.25380676	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Aziz, Rasheed Ahmad	General Store
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

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
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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
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

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
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145	15012	Baldia Road Bahawalnagar	29.99889025	73.25497022	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Syed Ahmad Shah	Hotel
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 Bahawalnagar	29.99852246	73.25481489	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Hafeez	Hotel
153	28008	Bypass Minchanaba	30.00797694	73.27131136	15999	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Azam	Hotel

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		d Road Bahawalnagar												
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
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

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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-Milat Road Bahawalnagar	30.00401137	73.25943773	132	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Jamil	Iron Shop
163	3005	Dilshad Market Quaid-e-	30.00401137	73.25943773	132	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Jamil	Iron Shop

Integrated Development and Asset Management Plan (IDAMP)														
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		Milat Road Bahawalnagar												
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
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

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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-Milat Road Bahawalnagar	30.00345132	73.25978656	300	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ramzan	Iron Shop
172	30006	Dilshad Market Quaid-e-	30.00397914	73.25953974	4427	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Sajid Rafique	Iron Shop

Integrated Development and Asset Management Plan (IDAMP)														
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		Milat Road Bahawalnagar												
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 Bahawalnagar	29.99945828	73.25219041	120	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Imam Din	Iron Shop
177	11018	Khan Baba Road Bahawalnagar	29.99365281	73.25376967	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Munawar Hussain	Iron Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
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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 Bahawalnagar	30.00385818	73.25961847	1116	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Malik Tufail	Iron Store
183	12003	Municipal Shopping Center Thana Sadar Road	29.99993559	73.25648141	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Nisar Ahmad	Jazz Franchise

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		Bahawalnagar												
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	Jahanzaib	Juice Corner
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

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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/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
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	30.00043496	73.25656114	264	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Qasim Ali	Landa Cloths

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		Bahawalnagar												
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 Bahawalnagar	29.99877599	73.25504327	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Latif	Map Maker
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	30.00671036	73.27087319	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ali S/o	Marble shop

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		Bahawalnagar											Allah Bakhsh, Muhammad Javed S/o	
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
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

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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
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	29.99963669	73.2555721	60	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Mirza Irfan	Mobile Shop

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		Bahawalnagar												
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 Bahawalnagar	29.9995715	73.25556659	60	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shahid Mehmood	Mobile Shop
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

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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
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
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	29.9997446	73.25611823	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abbasia Textiles	Mobile 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
		Center Thana Sadar Road Bahawalnagar											Mils Bazria Muhammad Dilbar	
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
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	30.00280339	73.25972617	32	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Khuram	Mobile shop

Integrated Development and Asset Management Plan (IDAMP)														
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		Bahawalnagar												
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 Bahawalnagar	29.99950982	73.25529031	241	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Safdar	Mobile shop
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	30.00042895	73.25656046	264	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Saif Ullah Qureshi	Mukhtar Flex

Integrated Development and Asset Management Plan (IDAMP)														
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		Ali Hospital Thana Sadar Bahawalnagar												
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
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	29.99970994	73.25279923	130	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Sultan	Oil Shop

Integrated Development and Asset Management Plan (IDAMP)														
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		Bahawalnagar												
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
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

Integrated Development and Asset Management Plan (IDAMP)														
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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 Bahawalnagar	29.99952901	73.25239884	120	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Siddique Umer	Pan Shop
244	1002	Old Meat Market Eid Gah Road Bahawalnagar	29.9995819	73.25261163	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	29.99966566	73.25603604	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul salam akhtar	Pharmacy

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
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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												
248	12016	Municipal Shopping Center Thana Sadar Road Bahawalnagar	29.99985411	73.2561302	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Amanat Ali	Pharmacy
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

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Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
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252	3009	Dilshad Market Quaid-e-Milat Road Bahawalnagar	30.00394545	73.25944695	132	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhammad Naem	Pharmacy
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	30.00250167	73.26056009	19040	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Nazir Ahmad	Photostat shop

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		Bahawalnagar												
257	16004	Thana City Road Bahawalnagar	30.00009488	73.25682942	162	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Mumtaz Ahmad	Photostate
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	30.00024578	73.25693787	140	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Azhar Iqbal	Printers

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		Thana Sadar 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	29.99972332	73.25681179	200	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Anwar Bibi	Printing Press

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		Thana 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
270	15011	Baldia Road Bahawalnagar	29.9986255	73.25477491	263	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Nizam Ul Din	Property Dealer

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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 Mashkoor	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 Bahawalnagar	30.00759665	73.26803656	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Habib Ahmad	Sanitary Store
277	19016	Minchanabad Road Bahawalnagar	30.00759653	73.26803627	168	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shamim Akther	Sanitary Store

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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 Bahawalnagar	29.99341867	73.25371437	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Sami ul Haq	Shoe store
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	29.99334249	73.25370029	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Farooq	Shoes Shop

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		Bahawalnagar												
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
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

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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 Bahawalnagar	29.99848965	73.25499052	100	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ashraf	Store
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

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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
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

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		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 Bahawalnagar	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
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 Bahawalnagar	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
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 Bahawalnagar	30.00012462	73.25713015	140	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Israr Ahmad	Travels and Tours
322	3021	Dilshad Market Quaid-e-Milat Road	30.00351696	73.25973465	264	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Qasim Muhammad Ali	Tyre and Battery Service

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											(Dawn Autos)	
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 Bahawalnagar	30.00197269	73.26091852	48	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Sajid Aziz	Tyre Shop
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

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
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
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	30.00274915	73.25954988	32	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Kashif	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
		Bahawalnagar												
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
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

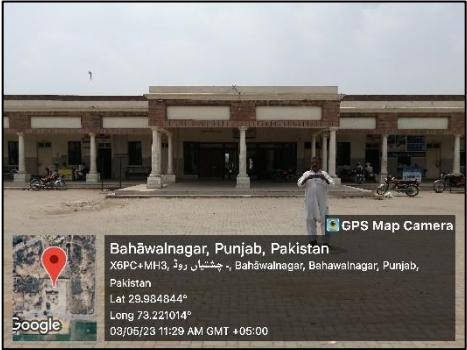
Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
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
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	30.0081896	73.2713506	15999	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Asmat Ara	Workshop

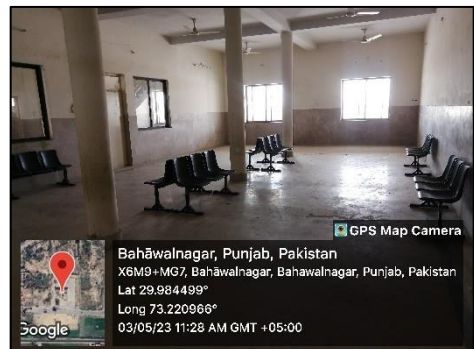
Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Bahawalnagar														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Bahawalnagar												
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. Maqsod 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	
<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>				



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 Code: _____			
		Asset Condition Assessment		Date: 02-05-2023			
Name		General Bus Stand		Pictures			
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				
Parking Stand	Rickshaw	Yes	No				
	Cars	Yes	No				
Fuel Outlets		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		
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 Drinking Arrangement	Yes	No				
Water Disposal Arrangement	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		

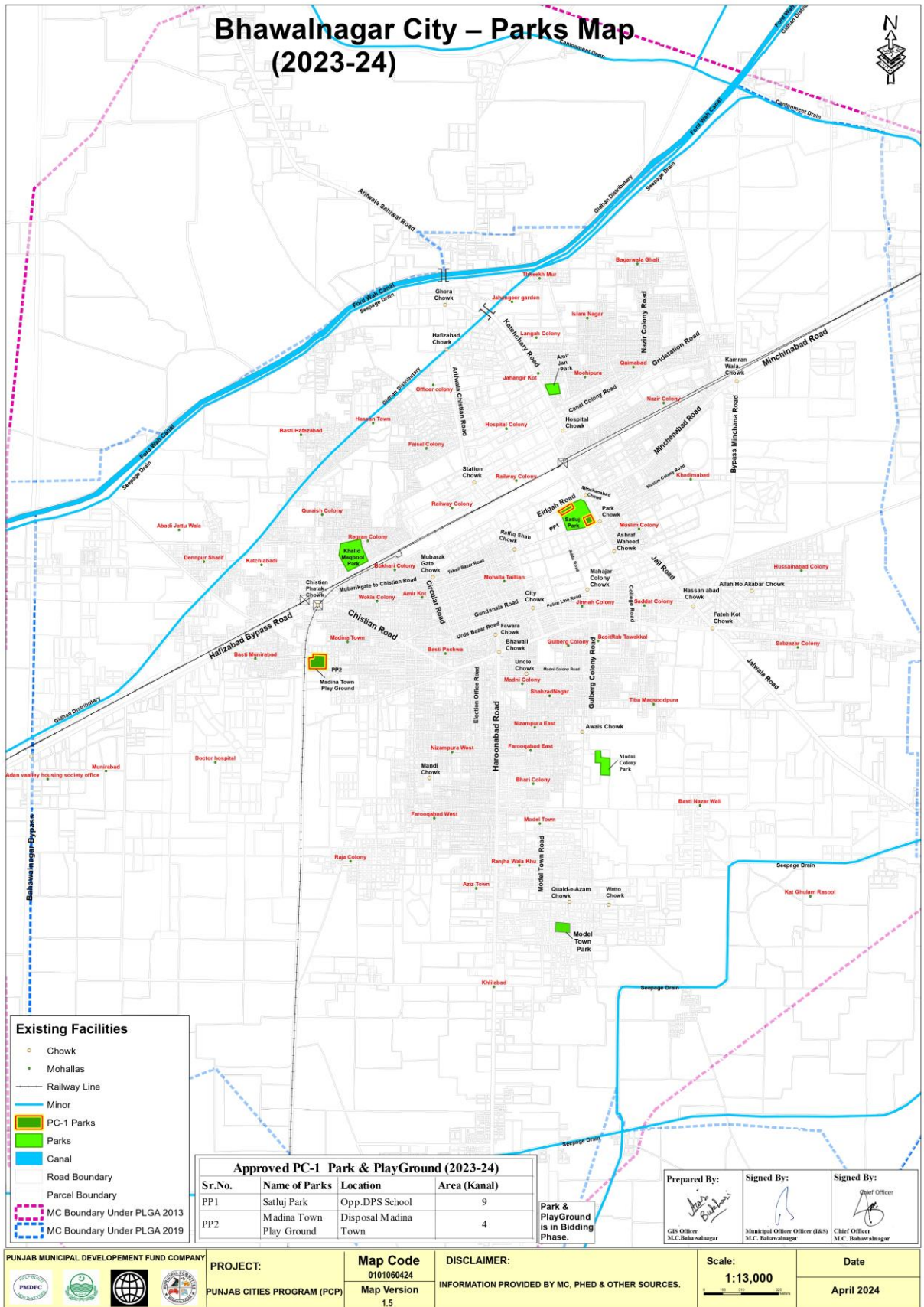
Slaughterhouse

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

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		 Bahawalnagar, Punjab, Pakistan 2726+750, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 30.001036° Long 73.260235° 03/05/23 10:10 AM GMT +05:00
	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	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)	1500-2000		 Bahawalnagar, Punjab, Pakistan 2726+750, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 30.000904° Long 73.260248° 03/05/23 10:10 AM GMT +05:00	
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	50+		 Bahawalnagar, Punjab, Pakistan 2726+MVO Satluj Park Bahawalnagar, Bahawalnagar, Bahawalnagar, Punjab, Pakistan Lat 30.001779° Long 73.259729° 03/05/23 10:13 AM GMT +05:00	


(based on readily available information at MC)					
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		
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		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	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)	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	




Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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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					
• No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member			








		<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

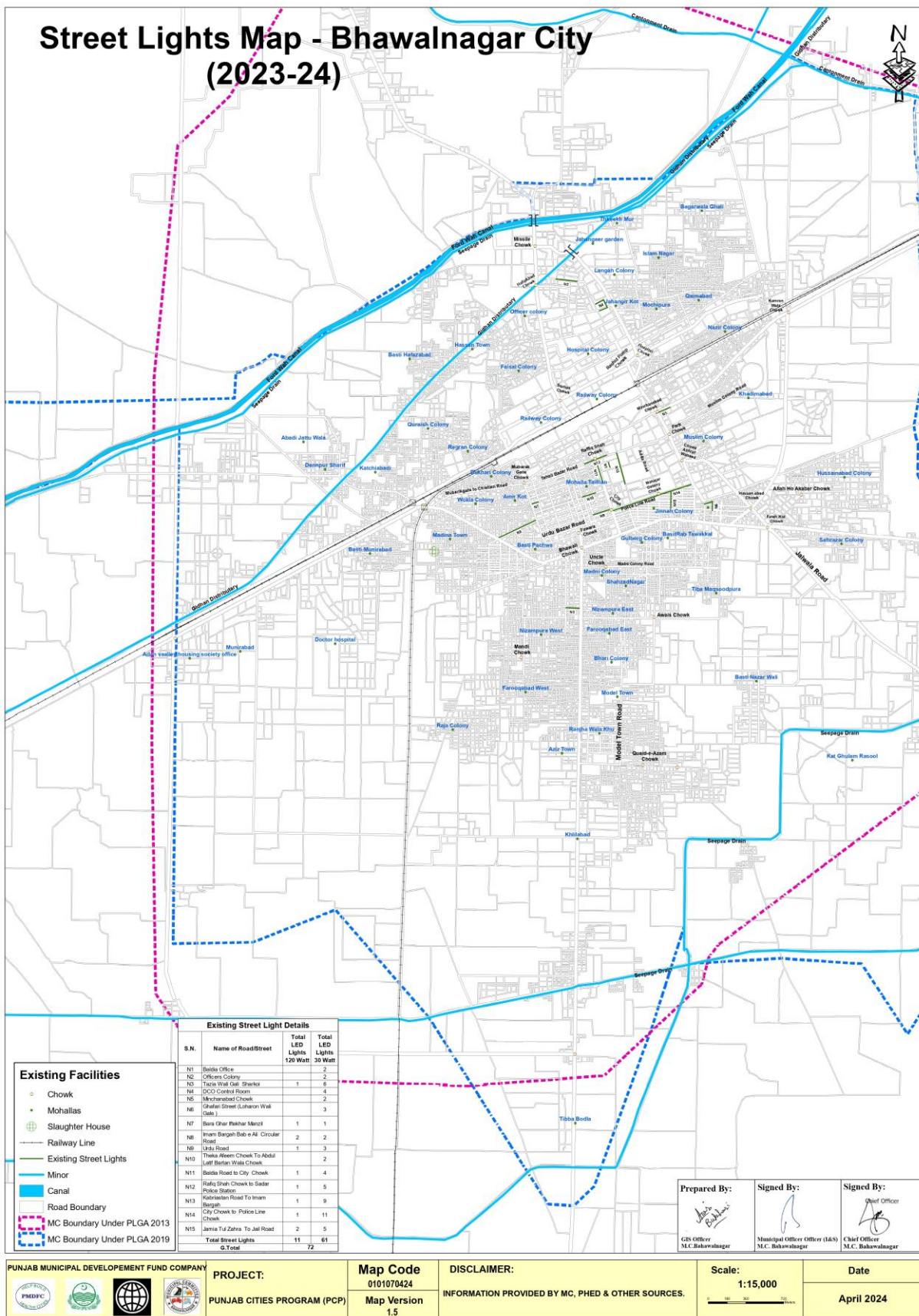
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Suzuki	BNA 8059	33	Fair	1000 CC	Functional	0.2
2	Suzuki	BNF 4	20	Failing	1000 CC	Abandoned	0.1
3	Suzuki	BNE 16	24	Poor	1000 CC	Non-Functional	0.1
4	Yamaha (Out of order)	Bike# 6646	33	Poor	100 CC	Non-Functional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



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

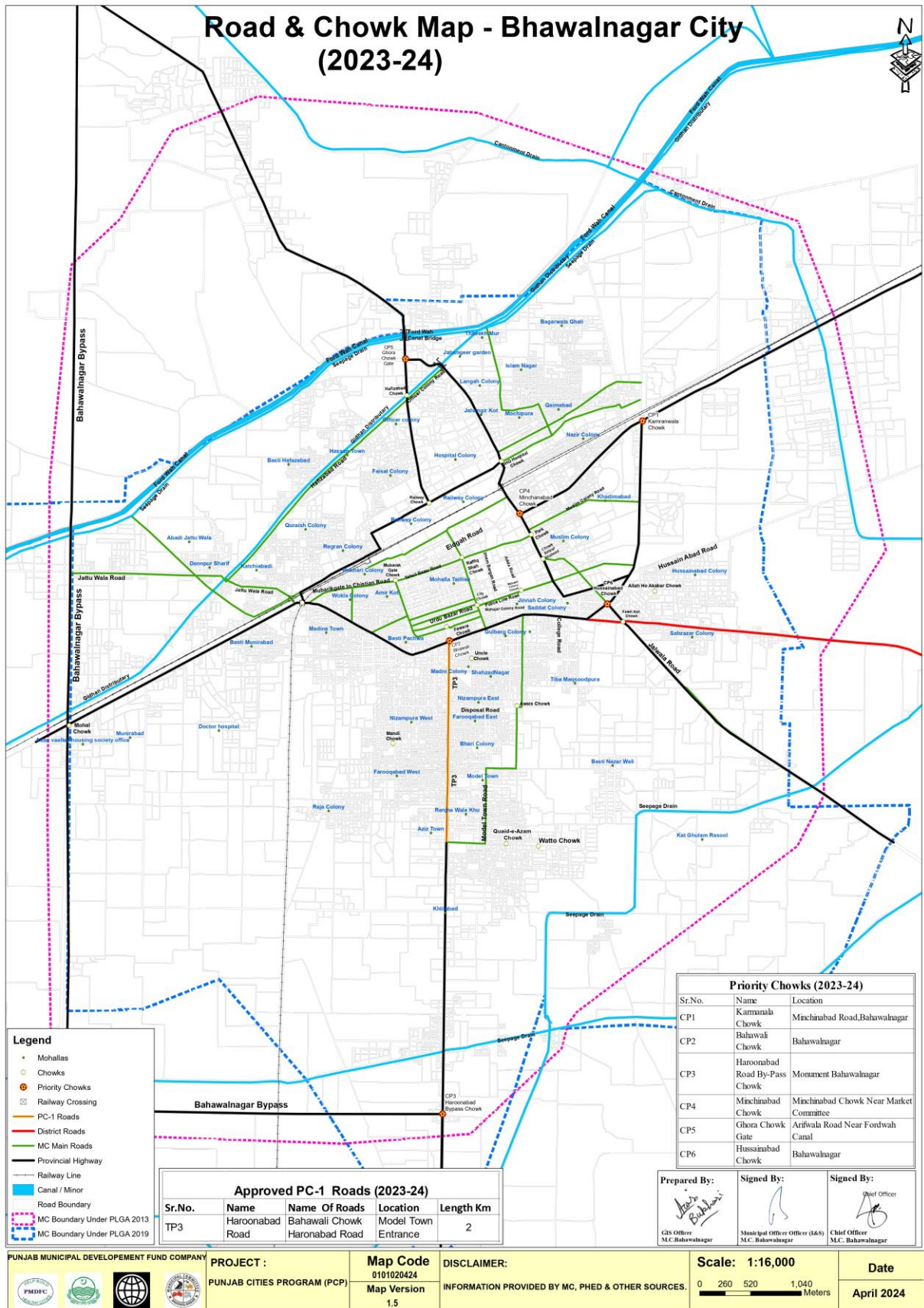
Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Bahawalnagar			
Form: IDAMP-A9	Street Lights Asset Condition Assessment	Asset Code: _____	Date: 02-05-2023
Pictures			
			
Area	Total	Operational Status	Poles Type (WAPDA Pole / MC Pole)
Dak khana Chowk	14	Not Available	Not 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 Shamoan 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	Owner ship	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 Hotel Chowk via Theka Afeon	MC	TST			0.45	Poor
4	Imam Bargah Aftab Manzil To Chowk Band Gali Peer Gee	MC	TST			0.22	Poor

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A8	Road			Asset Code: _____			
Asset Condition Assessment			Date: 02-05-2023				
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
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

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A8	Road	Asset Code: _____					
Asset Condition Assessment		Date: 02-05-2023					
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
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	Kholid Maqbool Park Road	MC	TST			1.0	Poor

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Bahawalnagar								
Form: IDAMP-A8	Road Asset Condition Assessment					Asset Code: _____	Date: 02-05-2023	
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						
Shops	09	03-12-05-09-XX						

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
				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			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	
	Is there support or opposition for the project from NGO's, community groups, 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
					0.5	Minority opposition		
				2.5	Majority support		2.5	
				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	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 the new facility?		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
				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							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?		10	10	0	No contribution.	Indirect contribution.	2.5
					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 the new facility?		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
				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		
				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							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?		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.?		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	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?		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
				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		
				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							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?		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	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	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 the new facility?	2.5	0	Majority opposition	Majority support	2.5	
			0.5	0.5			Minority opposition
			2.5	2.5			Majority support

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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	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		

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							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			
				2.5		Minority support			
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?			15	2.5	0	Majority opposition	Majority support	2.5
						0.5	Minority opposition		
		2.5				Majority support			
		1.5				Minority support			

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	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		
5.4	Ease of implementation of project in respect of technical design?	30	5	1	Difficult	Standard	3
				3	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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			
				2.5		Minority support			
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?			15	2.5	0	Majority opposition	Majority support	2.5
						0.5	Minority opposition		
		2.5				Majority support			
		1.5				Minority support			
3. Environmental Impact									

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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		
5.4	Ease of implementation of project in respect of technical design?	30	5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		
5.5		30	5	0	Outside expertise needed for construction,	Outside expertise needed for	1

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there a capable system in place to implement and operate this project or is external support needed?				O&M	construction phase only	
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?		10	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.?		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		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	2.5	0	Majority opposition	Majority support	2.5
					0.5	Minority opposition		
					2.5	Majority support		
		1.5	Minority support					

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	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		
5.4	Ease of implementation of project in respect of technical design?	30	5	1	Difficult	Easy	5
				3	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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?		10	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.?		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			2.5	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		
	Is there support or opposition from residents in the immediate vicinity of 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 whether	30	5	5	Yes	Yes	5		
								0	No

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
	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 or 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?		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 vicinity of the new facility?			15	2.5	2.5	Minority support	Majority support	2.5
						0	Majority opposition		
						0.5	Minority opposition		
		1.5				Minority support			

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	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		
5.4		30	5	1	Difficult	Easy	5

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							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	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 vicinity of the new facility?			15	2.5	2.5	Minority support	Majority support	2.5
						0	Majority opposition		
						0.5	Minority opposition		
		1.5				Minority support			

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	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		
5.4		30	5	1	Difficult	Easy	5

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	Outside expertise needed for construction phase only	1
				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		
				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>	Section 11,12,13 and 14 of PEPA, 2012 shall be applicable to all the new infrastructure projects.
2.	Punjab Environment Protection Review of IEE/EIA Regulations 2022	Provided that the proponent shall file an Initial Environmental Examination or Environmental Impact Assessment, if the project is likely to cause an adverse environmental impact	<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 schedule II the EIA of Subproject will be carried out.

Sr. #	Act	Description	Applicability to sub-project																	
			<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> <tr> <td style="text-align: center; vertical-align: middle;">Schedule II</td> <td style="text-align: center;">Water supply, Sewerage System and treatment</td> <td> F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants </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 II	Water supply, Sewerage System and treatment	F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants
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 II	Water supply, Sewerage System and treatment	F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants																		

Sr. #	Act	Description	Applicability to sub-project		
					(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
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 		

Sr. #	Act	Description	Applicability to sub-project
			<ul style="list-style-type: none"> • 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 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.	This act is applicable to the gaseous emission that will be released from the vehicles in 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	This act will not be triggered as no land acquisition is required.

Sr. #	Act	Description	Applicability to sub-project
		companies and for determining the amount of compensation to be paid on account of such acquisition”.	
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	<p>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:</p> <ul style="list-style-type: none"> • “Ancient” is any object that is at least 75 years old; • 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; 	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"> 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 months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees.	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.
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</p>	<p>The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are:</p> <p>8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness.</p>

Sr. #	Act	Description	Applicability to sub-project
		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.	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.
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 responsibilities related to HWM, and strengthen the management of hazardous & other wastes.	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.
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	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
		<p>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 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.</p>	
13	Punjab Local Government Act, 2019	<p>As per PLGA 2019 Functions of a Metropolitan Corporation, Municipal Corporation and Municipal Committee: Part I (g) Solid waste collection and disposal; (h) Sewerage collection and disposal including water management and treatment; (i) Building control and land use;</p>	<p>All the related clauses of this Act shall be applicable for MCs.</p>

Sr. #	Act	Description	Applicability to sub-project
		(j) Births, deaths, marriages and divorce registration; (k) Museums and art galleries; (l) Open markets; (m) Livestock and agriculture markets; (n) Public parking facilities; (o) City roads and traffic management; (p) Public transport; (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 conveniences; (z) Children's services; (aa) Community safety;	

Sr. #	Act	Description	Applicability to sub-project
		(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 (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	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
		<p>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 consultation is appropriate); and facilitation of involvement (including the poor, women, and NGOs).</p>	
16	<p>Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020</p>	<p>These guidelines give details about disclosure of environmental information. These guidelines have 2 parts: First part deals with Public Disclosure instructions regarding arrangement of public disclosure of environment information and maintenance of record in indexed form 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	<p>Canal and Drainage Act 1873 and Amendment Act 2016</p>	<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</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
		<p>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 so as to render it less fit for the purposes for which it is ordinarily used.”</p> <p>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.”</p>	
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)	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:

Sr. #	Act	Description	Applicability to sub-project
		<p>After 18th Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA:</p> <ul style="list-style-type: none"> ✓ Poultry Farms ✓ 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 	<ul style="list-style-type: none"> ✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes

Sr. #	Act	Description	Applicability to sub-project
		✓ 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
	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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
						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
	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

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

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)	Rs.	116	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%
2	Financial Internal Rate of Return (FIRR)	%	147%	FIRR
3	Benefit Cost Ratio (BCR)	Ratio	45.22	BCR= Total Benefits ÷ Total Costs
4	Payback Period	Years	5	PBP= Capital costs ÷ Annual Net Benefits

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits H=G-C	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		I=(1.22.32) ⁿ	J=HxI
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)	Rs.	(229)	
2	Financial Internal Rate of Return (FIRR)	%	14%	
3	Benefit Cost Ratio (BCR)	Ratio	2.17	
4	Payback Period	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)	Rs.	256	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 H=G-C	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		I=(1.22.32) ⁿ	J=HxI
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)	Rs.	256	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	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



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Consultative
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Annexure G. Cost Estimates for Operation & Maintenance of water supply systems for the budgeted year (2023-2024)

sub head No	Sub Head	Total Cost (Rs)
1	Man power (Annex-A-1)	50,000,000
2	Electricity charges (Annex-B-1)	64,678,676
3	Repairs & Replacements & Supplies (Annex-C-1)	4,618,096
4	POL	-
5	Contingencies	10,000
	Grand Total	119,306,771
	Add unforeseen items cost = 5 % of item No3 & 4	231,405
	Grand Total	119,538,176.11
	Say (million Rs)	414.43

Annexure H. Cost Estimates for Operation & Maintenance of sewerage systems for the budgeted year (2023-2024)**Summary of Cost**

sub head No	Sub Head	Total Cost
1	Man power (Annex-A-2)	27,700,000
2	Electricity charges (Annex-B-2)	12,059,724
3	Repairs & Replacements & Supplies (Annex-C-2)	3,361,832
4	POL	8,955,000
5	Contingencies	1,510,000
	Grand Total	53,586,556
	Say (million Rs)	53.59

Annexure I. Cost Estimates for Operation & Maintenance of solid waste management for the budgeted year (2023-2024)

Summary of Cost		
sub head No	Sub Head	Total Cost
1	Man power (Annex-A-3)	147,000,000
2	Energy Charges (Annex-B-3)	-
3	Repairs & Replacements (Annex-C-3)	1,997,000
4	Supply items (Annex-3)	-
	POL	17,679,870
	Contingencies	4,325,000
	Grand Total	171,001,870
	Grand Total	171,001,870
	Say (million Rs)	121.13 Million