

**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







## **Table of Contents**

Section 1. Introduction	5
Section 2. Overview – Municipal Committee Bahawalnagar	
Section 3. Existing Asset Inventory Analysis	
Section 4. Level of Services (LOS)	
Section 5. IDAMP Projects, Operations & Maintenance(O&M) Strategy	
Section 6. Financial and Economic Analysis	
Annexure	
AIIIIEXUIE	42

## **List of Tables**

Table 1: Asset Summary	15
Table 2: Condition of Existing Assets	
Table 3: Current & Target LOS	
Table 4: IDAMP Projects	
Table 5: Projects Detail	
Table 6: Financial Projections	

# 1 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 immoveable, 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
А	Excellent	Routine Maintenance
В	Good	Minor Repair
С	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 Beuro of Statistics (PBS) while applying popupation 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

- Municipal Committee Bahawalnagar
- o 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.

## 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.<sup>1</sup>

#### 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

<sup>&</sup>lt;sup>1</sup> 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

## **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
		Tube wells	No.	61
		Water Supply Network	Meter	172434
		OHR	No.	8
1	Water Supply System	Filtration Plants	No.	14
		GST	No.	5
		Intermediate Pumping Station	No.	5
		Movable Assets (Vehicles/Machinery)	No.	1
		Sewerage Network	Meter	100893
2	Sewerage System	Disposal Stations	No.	9
		Movable Assets (Vehicles/Machinery)	No.	48
3	SMAA Docourse	Dumping site	No.	1
3	SWM Resource	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
ь	Public Places	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 Condition						
	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Tube wells	-	14	19	16	12	No.	61
Water Cumply Cyctem	Water Supply Network	68974	60352	-	-	43108	Meter	172434
Water Supply System	OHR	-	1	1	2	4	No.	8
	Filtration Plants	-	6	5	3	-	No.	14

	Asset Condition							
Asset Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	GST	-	3	2	-	-	No.	5
	Intermediate Pumping Station	-	-	5	-	-	No.	5
	Movable Assets (Vehicles/Machinery)	-	-	1	-	-	No.	1
	Sewerage Network	18345	32102		50446	-	Meter	100893
Sawaraga System	Disposal Stations	-	4	4	-	1	No.	9
Sewerage System	Movable Assets (Vehicles/Machinery)	-	6	42	-	-	No.	48
	Dumping site	-	1		-	-	No.	1
SWM Resource	Movable Assets (Vehicles/Machinery)	325	75	15	4	-	No.	419
Bus Stands	Bus Stand	-	1		-	-	No.	1
	Offices	-	-	1	-	-	No.	1
D. 11.12	Library	-	-		-	1	No.	1
Buildings	Residential Buildings	-	-	29	-	-	No.	29
	Shops	-	344	4	-	-	No.	348
Dublic Diseas	Park	-	2	2	-	-	No.	4
Public Places	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

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 levek 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 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 supply and control and development of water sources;	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)
	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	2023-2026
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	7	2	Stations for Bahawalnagar City	2023-2020
	Sewerage staff per 1000 sewerage connections. (Number)	Total number of sewerage staff expressed as per thousand sewerage connections	1.15	1.15		
Sewage and sewage treatment and disposal;	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)
	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%		
Sanitation and solid waste	Primary SWM Coverage each day in localities (%)	Percentage of area from which the sanitary staff sweeps & collects waste each day	80%	80%		
collection and disposal of solid	Primary SWM Coverage each day in Roads (%)	Primary SWM Coverage each day in Roads	80%	80%		
wastes, treatment	Open Collection Points (Number)	Open Collection Points	113	113		
and disposal including landfill	Secondary collection machinery (Number)	Secondary collection machinery	14	14		
site and recycling plants;	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)		
Danda and the st	Roads with condition "A" (Excellent) %	Total length of roads with condition "A" expressed as a percentage of total roads.	0%	0%	Improvement/Rehabilitation of	2022 2024
Roads and streets;	Roads with condition "B" (Good) %	Total length of roads with condition "B" expressed as a percentage of total roads.	0%	75%	Road TP-3 (Haroonabad road)	2023-2024

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				
	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	3.3%	3.3%		
Streetlighting;	Working Streetlight %	Percentage of working streetlights as of total streetlights.	54%	100%	Replacement of Streetlights	2025-2026
	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%		
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
Parks, Playgrounds, Open spaces;	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	56%	Improvement and	
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	33%	44%	Rehabilitation of Parks in Bahawalnagar City	2023-2025
	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 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;	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%		
	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	1:90	1:90		
Transport stations, stops, stands and terminals;	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes	Rehabilitation of General Bus Stand (GSB) in Bahawalnagar City	2025-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	Yes	Yes		
Slaughterhouses;	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
	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	1	1		
Municipal libraries;	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 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	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	100%	100%		
Buildings	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.

# **O**5 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, 2 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** 

				Total	2023-	24	2024	l- <b>2</b> 5	2025	-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
						(N	lillions)				(Score)
1	03-12-02-01-01	Improvement of Existing Sewerage System and Disposal Stations for Bhawalnagar 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 Bhawalnagar 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 Bhawalnagar 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

				Total	2023-	24	2024	-25	2025	-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
						(N	lillions)				(Score)
6	03-12-01-01	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 forms<sup>2</sup>:

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 Bhawalnagar 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 Bhawalnagar 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,Bhawalna gar City

<sup>&</sup>lt;sup>2</sup> 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	Enhance public safety and security by providing adequate lighting. Improve visibility for motorists and pedestrians. Increase the overall quality of street lighting. Reduce energy consumption and operating costs. Promote energy efficiency and sustainability. Improve the aesthetics of the area. Enhance the functionality of the street lighting system. Improve reliability and reduce maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.	Replacement of all non- functional streetlights by new LEDs and sodium luminaries	8.25	0.21	Bhawalnagar City

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
4	03-12-05-	Rehabilitation of General Bus Stand (GSB) in Bhawalnagar City	Bus Stand	The Project has the following objectives;  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.	1. Bus Stand Require the following components  • 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, Bhawalnagar

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.	Boundary wall and gate Doctor's room Slaughtering hall Evisceration hall Meet cutting room Blood collection arrangements Water supply systems Skin storage room Waste water disposal system Solid waste collection and disposal system Health and Hygiene SOPs Separate Facility for Sick Animals Tools Disinfectant System	54.45	1.36	Mouza Amarsingh CTN Road, Bhawalnagar City
6		Improvement of Water Supply scheme	Water Supply	<ol> <li>Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations.</li> <li>Supply of adequate quantity of water in water shortage areas.</li> <li>Improvement of service delivery level in the entire city.</li> <li>Augmentation of the source capacity</li> <li>Equal distribution of water in the entire system</li> <li>Improvement of terminal pressure at remote ends of the distribution system</li> <li>Reduction of water borne diseases.</li> <li>Improvement in local and province economy.</li> </ol>	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	The main objectives are  - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost  - To encourging personal hygiene anad household cleanliness of users  - Reduction of water borne diseases  - Reduction in medical expenditures  - Improvement in environment of the city	Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonary Works Coation and Insulation Piping and Connection Concrete Works	550	13.75	Bhawalnagar City
8		Solarization of the municipal buildings	Buildings	The primary objectives of solarization are as follows:  a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero 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 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	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	Solarization of the tubewells based on the site load and installation capacity assessment. Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to	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/Reh abilitation 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
				<ul><li>8. Improvement in local and province economy.</li><li>9. Improvement in the economic growth potential</li></ul>				
				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.

# **6** 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, boast 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	202	23-24	20	24-25	202	25-26
Category	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)
Sewerage	573.99	0.74	425.00	21.99	-	21.99
Parks	-	-	150.00	3.75	-	3.75
Streetlights	-	-	-	-	8.25	0.21
Bus Stand	-	-	-	-	54.45	1.36
Slaughter House	-	-	54.45	1.36	-	1.36
Buildings	50.00	0.25	-	0.25	-	0.25
Water Supply	368.00	3.88	275.00	3.88	137.50	17.63
Roads	232.56	11.63	-	11.63	-	11.63
Total	1,224.55	16.50	904.45	42.86	200.20	58.18

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

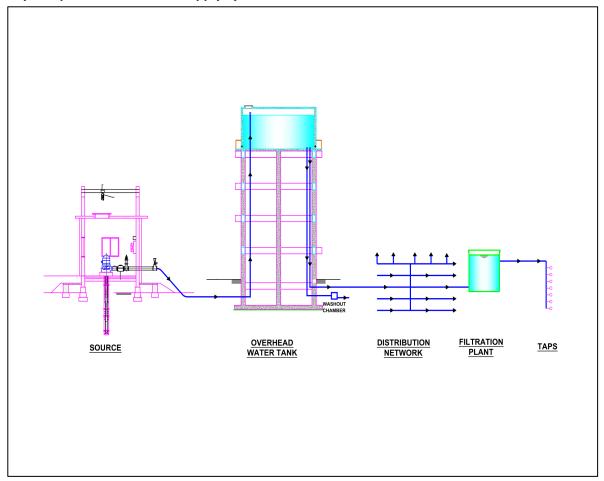
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

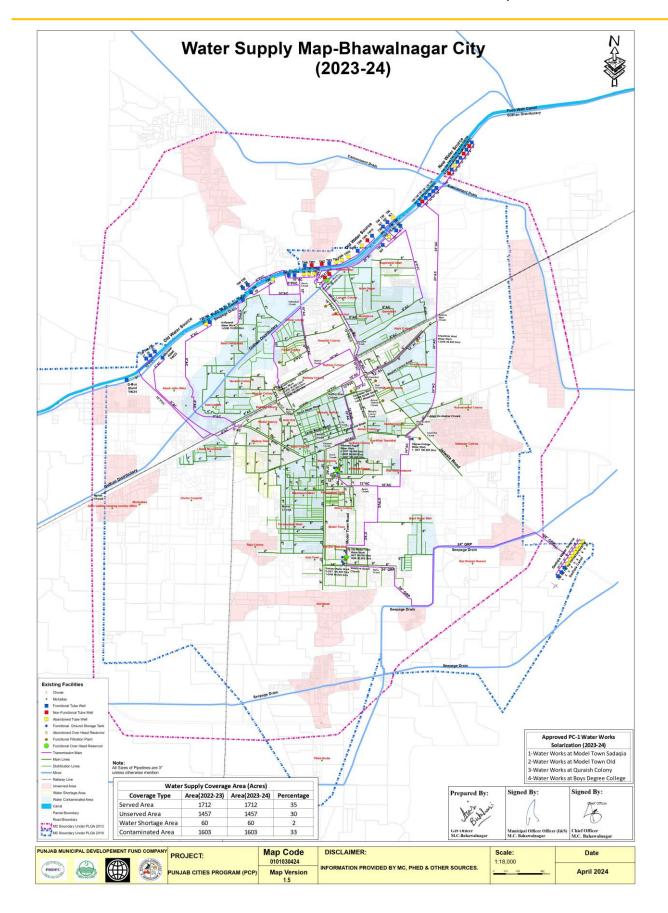
# Annexure

# **Annexure A. Detail of Assets**

# 1. Water Supply:

**Key Components of a Water Supply System** 





### A. Tube well

		Age (Y	ears)	Discharge						5 1 1 1	
Sr #	Name	Civil Structu re	Pump	Capacity (Cusecs)	Motor hp	Pump Make	Motor Make	Condition	Status	Book Value PKR Mil	
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						
5	Ford Wah Old # 4				Abandoned						
6	Ford Wah Old # 5					Abandor	ned			0	
7	Ford Wah Old # 6					Abandor	ned			0	
8	Ford Wah Old # 7	33	33	0.5	20	Peco	Peco	Poor	Functional	0.2	
9	Ford Wah Old #8					Abandor	ned			0	
10	Ford Wah Old # 9	33	33	0.5		NoMot	or		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					Abandor	ned			0	
15	Ford Wah New # 21	18	18	0.5		No Moto	r	Fair	Non- Functional	0.2	
16	Ford Wah New # 20	18	18	0.5		No Moto	r	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- Function				Non- Functional	0.2	
19	Ford Wah New # 17	18	18	0.5	20 KSB Siemens Good Fund				Functional	0.3	
20	Ford Wah New # 16	18	18	0.5		0.2					

Sr		Age (Y	ears)	Discharge	Motor	Pump	Motor			Book Value
#	Name	Civil Structu re	Pump	Capacity (Cusecs)	hp	Make	Make	Condition	Status	PKR Mil
21	Ford Wah New # 15					Abandor	ned			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 Moto	r	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	r	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	r	Fair	Functional	0.2
31	Ford Wah New # 5	18	18	0.5		No Motor	r	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 M	otor & Tran	sformer	Poor	Non- Functional	0.2
34	Ford Wah Old # 14	39	39	0.5	No M	otor & Tran	sformer	Poor	Non- Functional	0.2
35	Ford Wah Old # 13					Abandor	ned			0
36	Ford Wah Old # 12					Abandor	ned			0
37	Ford Wah Old # 11					Abandor	ned			0
38	Sadiqabad Canal # 1					Abandor	ned			0
39	Sadiqabad Canal # 2	13	13	0.5	25 Flow 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

C.		Age (Y	ears)	Discharge		D				Darel Malur
Sr #	Name	Civil Structu re	Pump	Capacity (Cusecs)	Motor hp	Pump Make	Motor Make	Condition	Status	Book Value PKR Mil
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 Moto	r	Poor	Non- Functional	0.25
44	Sadiqabad Canal # 7	13	13	0.5		No Moto	r	Poor	Non- Functional	0.25
45	Sadiqabad Canal #8	13	13	0.5		No Moto	r	Poor	Non- Functional	0.25
46	Sadiqabad Canal # 9	13	13	0.5		No Moto	r	Poor	Non- Functional	0.25
47	Sadiqabad Canal # 10	13	13	0.5		No Moto	r	Poor	Non- Functional	0.25
48	Ford Wah Old # 29	5	5	0.5		No Moto	r	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	r	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 Repa	air	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

		ntegrated [	Developr	nent aı	nd	Asset Ma	na		
						nittee Bal			
Гани			Tube W				l		
Form IDAMP		Asset Co	ondition		m	ent			
	7.1	Asset De							
Name		Asset De		rd Wa	h (	)ld # 0			
- Truine	Latitud	le	30.017325						
Location	Longit			73.25					
	ldress					Ford wah			
Address					-	valnagar			
Area (Marla)				1	L				
Working St	Working Status			onal		Non- Functiona	<u> </u>		
Installation Year of Tube Well						020 (Civil lovation)	_		
Installation	Year o	f Pump		20	20				
Capital Cost of Machinery									
Operationa			6						
Delivery	Dia		6	"					
Pipe	Mater	ial		M	IS				
Chlorinato	r		Ye			No			
Chlerin !!			Once	After		No			
Chlorination Schedu		iuie	in a Year	Mont s	ın	Schedul	e		
Apron Aro	und Pun	np House	Ye	_		No			
Hoisting Gi		.p	Ye	_		No			
Civil Struct		dition	Good Fair Poor						
Approach t			Good Fair Poor						
		Pump De							
Pump Type	2	•		Turk	oin	e			
Pump Mak				KS	SB				
Discharge (	Capacity	(Cusec)	0.5						
Rotational	Speed (	RPM)	1460						
Housing Di	a (inche	s)	12						
Bore Depth	າ (ft.)			18	30				
Head (ft.)				20	00				
-		on Depth (ft.)		6	0				
Paint of Pu			Good	Fa		Poor			
Number	Gate V			(					
of Valves	Non-R	eturning Valve		1	L				
Base Plate			Ye			No			
		o-Mechanical Ed	quipmen						
Transforme	•	-		5					
	anctioned Load (Kwh) Notor Power (HP)			29					
			20						
Motor Mal	ке		Siemens						
MCU	: NA - +		Ye			No			
Earthing of			Ye			No			
Power Wir			Ye			No			
Service Cal	JIE		Ye	S		No			



**Pictures** 





	ntegrated Development and Asset Management Plan (IDAMP)									
		Municipal Com	mittee Baha	awalnaga	r					
Form:		Tube Well			Asset	Code:				
IDAMP-A1	Asset Co	ndition Assessm	nent			Date: 02-05-2023				
Earthing of MCU										
<b>Energy Meter</b>										
Water Meter										
PFI Equipment										
Generator		Yes	No							
<b>Change Over</b>		Yes No								
		Ove	rall Rating							
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good Fa		air	Poor	Failing				
Category	Α	В		С	D	E				
<u> </u>		Remarks	/ Requirem							
• 160 kVA Gen	erator was availab	ole to Old #0, Old	l #01, and O	ld #02						
Data Collected By		Designation: Team Member			Julih Sign & Date: 30 May 2023					
Data Checked By:	Mr. M. Fiaz	Designation: T	eam Lead		Mayf	1ay 2023				

Date: 02-05-2023

		Integrated I	Developr	ment ar	nd Asse	t Man		
			Munici	pal Cor	nmitte	e Baha		
Form			Tube Well Condition Assessment					
IDAMP	'-A1			Assessi	ment			
Name		Asset De		rd Wah	014 # 0	11		
ivallie	Latitud	lo.	FUI			'1		
Location	Longit		30.017511 73.250840					
	Longiti	uue	Arifyy	ala Roa		wah		
Address				al, Baha				
Area (Marl	a)			1		,		
,	Working Status			onal	No Funct			
Installation	1 Year o	f Tube Well		198	34			
Installation Year of Pump				198	34			
Capital Cos	st of Ma	chinery						
Operation		6						
Delivery	Dia			6'	,			
Pipe	Mater		M					
Chlorinato	r		Ye		N	0		
Chlorinatio	n Sched	lule	Once in a	After Mont	h l	No		
			Year s		Sch	edule		
Apron Aro	und Pun	np House	Yes No			0		
Hoisting Gi	irder		Yes No			0		
<b>Civil Struct</b>	ure Con	dition	Good	Fa	ir	Poor		
Approach t	to Pump	House	Good	Fa	ir	Poor		
		Pump De						
Pump Type	9		Turbine					
Pump Mak	e			PEC	0.			
Discharge (	Capacity	(Cusec)	0.5					
Rotational	<u> </u>	•	1460					
Housing Di		s)	12					
Bore Depth	ո (ft.)		180					
Head (ft.)				20				
		on Depth (ft.)		50				
Paint of Pu			Good	Fa		Poor		
Number	Gate V			1				
of Valves	ı	eturning Valve		1				
Base Plate			Ye		N	0		
		o-Mechanical Ed	quipment					
Transform				50 29.				
Sanctioned		(wh)						
Motor Pow				)				
	lotor Make			Siem				
MCU			Ye		N			
Earthing of			Ye		N			
Power Wir Service Cal			Ye	_	N N			
			Ye					
Earthing of	IVICU		Ye	S	N	U		



**Pictures** 

Asset Code: \_









	Integrated Development and Asset Management Plan (IDAMP)									
		Municipal Com	mittee Baha	ıwalnagaı	•					
Form:		Tube Well			Asset	Code:				
IDAMP-A1	Asset Co	ndition Assessm	ent			Date: 02-05-2023				
<b>Energy Meter</b>		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes No Overall Rating								
Average Score	1	2 3		3	4	5				
Asset	Excellent	Good F		air	Poor	Failing				
Condition										
Category	Α	В С			D	E				
		Remarks / Requirements								
• 160 kVA Gen	erator was availal	ole to Old #0, Old	#01, and Ol	d #02						
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 M					
Data Checked By:	Mr. M. Fiaz	Designation: To	eam Lead		Mayf	ny 1ay 2023				

		Integrated	Developr	nent a	nd	Asset Mana	gement Plan (	(IDAMP)
			Munici	pal Co	mn	nittee Baha	walnagar	
Form IDAMP		Asset Co	Tube Wondition		me	ent		,
			Pic					
Name			Foi	rd Wah	Ol	d # 02		
Location	Latitud	le		30.01	749	97		
Location	Longit	ude		73.25	15	41		
Address			Arifwa	ala Roa	d,	Ford wah		
Address		Can	al, Bah	aw	alnagar	Facebook 1		
Area (Marl	a)			1	_		Unna	āwalnagar, P med Road, Baha
Working St	tatus		Functi	onal	F	Non- unctional	Long	10.017497° 173.251541° 5/23 12:20 PM G
Installation	n Year o	f Tube Well		19	84			
Installation	1 Year o	f Pump		19	84			
Capital Cos	t of Ma	chinery						TO VAL
Operation	al Hours			$\epsilon$	5			Harl
Delivery	Dia			6	"		Bright Street	10
Pipe	Mater	ial		M	IS		1 men	
Chlorinato	r		Ye:	S		No		
			Once	After		No	9	
Chlorinatio	n Sched	lule	in a	Mont	:h	Schedule		
Apron Aro	und Pun	np House	Year s			No		1 2 2 mar.
Hoisting Gi			Yes No				A STATE OF THE STA	
Civil Struct		dition	Good Fair			Poor	1000	the som
Approach t	to Pump	House	Good Fair Poor			Poor	46.	
		Pump De	tails					
Pump Type	•	-		Turk	oine	e		
Pump Mak				PE	СО			
Discharge (	Capacity	(Cusec)		0.	5		. 6	- B
Rotational				14	60			100 In
Housing Di	a (inche	s)	12					18
Bore Depth	ո (ft.)			18	30			C) Ballion
Head (ft.)				20	00			
Impeller In	stallatio	on Depth (ft.)		6	0			1
Paint of Pu	mping l	Jnit	Good	Fa	ir	Poor		
Number	Gate V	alve		1				1
of Valves	Non-R	eturning Valve		1			18	
Base Plate			Ye:	S		No	18	
	Electr	o-Mechanical E	quipmen	t Detai	ls			
Transform	•			2	5			
Sanctioned	-	(wh)	29.8					
Motor Pow				2				
Motor Mal	ke			Sien	nen	S		
MCU			Yes			No		
Earthing of			Yes		No			
Power Wir			Ye			No		
Service Cal			Ye	S		No	1	
Earthing of	MCU		Ye	S		No		10000











	Integrated [	Development a	nd Asset I	Vlana	gement	Plan (IDAMP)	
		Municipal Co	mmittee l	Baha	walnagai		
Form:		Tube Well				Asset	Code:
IDAMP-A1	Asset Co	ondition Assess	ment				Date: 02-05-2023
<b>Energy Meter</b>							
Water Meter		Yes	No				
PFI Equipment		Yes	No				
Generator		Yes	No				
<b>Change Over</b>		Yes No					
		O\	erall Rati	ng			
Average Score	1	2		3		4	5
Asset	Excellent	Good		Fa	ir	Poor	Failing
Condition							
Category	Α	В			2	D	E
		Remarks / Requirements					
• 160 kVA Gen	erator was availal	ole to Old #0, O	ld #01, an	d Old	#02		
Data Collected By	Designation: Team Member				Juftsh Sign & Date: 30 May 2023		
Data Checked By:	Designation:	Team Lea	d		Mayf Sign & Date: 30 M	ny 1ay 2023	

**Pictures** 

		Integrated	Developr	nent a	nd	Asset Mar	nagement Plan (IDAMP)
							awalnagar
Forn		Asset Co	Tube W		mc	nnt .	P
IDAIVIF	-A1			ASSESS	1116	Diet	
Name		Asset De		rd Mal		ld # 03	Pict
Ivaille	Latitud	40	FUI	30.01			
Location	Longit			73.25			
	Longic	uuc	Arifwa		_	Ford wah	
Address					•	alnagar	
Area (Mar	la)				1	<u>_</u>	
Working S	tatus		Functi	onal		Non Functional	
Installation	ո Year o	f Tube Well					
Installatio	1 Year o	f Pump					
Capital Cos		-					
Operation	al Hours	3					
Delivery	Dia						
Pipe	Mater	ial					
Chlorinato	r		Yes		_	No	
Chia via atia	Calaa	4	Once	After	-	No	一
Chlorination	on Sched	auie	in a Year	Mon s	tn	Schedule	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM
Apron Aro	und Pur	nn House	Yes			No	
Hoisting G		iip iiouse	Yes			No	Bahāwalnagar, Pu Unnamed Road, Bahā
Civil Struct		dition	Good	1	air	Poor	Lat 30.0179° Long 73.245021°
Approach	to Pump	House	Good	Fa	air	Poor	Google 02/05/23 12:25 PM GI
		Pump De	tails				
Pump Type	9						
Pump Mak	e						
Discharge	Capacity	y (Cusec)					
Rotational	Speed (	(RPM)					
Housing D		es)					Bahāwalnagar, Pu Unnamed Road, Bahā
Bore Dept	n (ft.)						Lat 30.017623° Long 73.252355°
Head (ft.)							Google 02/05/23 12:26 PM G
-		on Depth (ft.)	- :			1 _	
Paint of Pu			Good	Fa	air	Poor	
Number	Gate \						
of Valves	Non-R	eturning Valve	.,			B1 =	_
Base Plate	Elast:	o-Mechanical Ed	Yes		ile	No	
Transform			aupmen	Deta	115		-
Sanctioned	•						
Motor Pov	•	•					
Motor Ma							
MCU			Yes	 S		No	
Earthing o	f Motor		Yes			No	7
	ower Wiring			Yes			
	ervice Cable			s S		No No	
Earthing o			Yes	S		No	
		La contraction de la contracti					





	Integrated Development and Asset Management Plan (IDAMP)										
		Municipal Con	ımittee Baha	awalnaga	r						
Form: IDAMP-A1		Tube Well ndition Assessn	nent		Asset	Code: Date: 02-05-2023					
Energy Meter		Yes No									
Water Meter		Yes No									
PFI Equipment		Yes No									
Generator		Yes	No								
<b>Change Over</b>		Yes No									
Average Score	1	2		3	4	5					
Asset Condition	Excellent	Good Fair		air	Poor	Failing					
Category	А	ВС		D	E						
		Remarks / Requirements									
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 N						
Data Checked By:	Mr. M. Fiaz	Designation: 1	eam Lead		Mayf	ny 1ay 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 **Pictures Asset Detail** Name Ford Wah Old # 04 Latitude 30.017628 Location Longitude 73.252973 Arifwala Road, Ford wah **Address** Canal, Bahawalnagar Area (Marla) **Working Status Abandoned Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours** Delivery Dia Pipe Material Chlorinator Yes No Once After 6 No **Chlorination Schedule** in a Month Schedule Year s **Apron Around Pump House** Yes No Yes **Hoisting Girder** No **Civil Structure Condition** Good Poor Fair **Approach to Pump House** Good Fair Poor **Pump Details Pump Type Pump Make Discharge Capacity (Cusec)** Long 73.252973° 02/05/23 12:27 PM GMT +05:00 **Rotational Speed (RPM)** Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number **Gate Valve** of Valves **Non-Returning Valve Base Plate** Yes No **Electro-Mechanical Equipment Details Transformer Capacity (kVA)** Sanctioned Load (Kwh) Motor Power (HP) **Motor Make** Yes **MCU** No **Earthing of Motor** Yes No

No

No

No

No

Yes

Yes

Yes

Yes

Power Wiring Service Cable

**Energy Meter** 

**Earthing of MCU** 

	Integrated D	evelopment ar	nd Asset	Manage	ement	Plan (IDAMP)	
		Municipal Cor	mmittee	Bahawa	ılnagaı		
Form: IDAMP-A1		Tube Well	mont			Asset	Code: Date: 02-05-2023
Water Meter	Asset Co		No				Date: 02-05-2025
PFI Equipment		Yes Yes	No				
Generator	Yes No						
Change Over		Yes	No.				
Change Over			erall Rat	ing			
Average Score	1	2		3		4	5
Asset	Excellent	Good				Poor	Failing
Condition	Excellent	Good		ı un		1 001	rannig
Category	Α	В		С		D	E
- Caregory	-,	Remarks / Requirements					_
No remarks							
Data Collected By	Designation: Team Member			Sign & Date: 30 N			
Data Checked By:	Designation: Team Lead				Mayf Sign & Date: 30 M	1ay 2023	

		Integrated I	Developr	nent a	ınd	Asset Man
			Munici	pal Co	mn	nittee Baha
Form IDAMP			Tube Wondition		sme	ent
		Asset De				
Name	1	_	For			ld # 05
Location	Latitud			30.02		
	Longit	uae	A' C	73.25		
Address					-	Ford wah alnagar
Area (Mari	la)		Call		iaw 1	uniugai
Working St	-			Aban		ned
		f Tube Well		warr	Gr©1	
Installation						
Capital Cos		•				
Operation						
Delivery	Dia					
Pipe	Mater	ial				
Chlorinato	1		Yes	 S		No
			Once	After	6	
Chlorinatio	on Sched	lule	in a	Mon		No Cabadula
			Year	S		Schedule
Apron Aro	und Pun	np House	Ye	S		No
Hoisting G			Ye	S		No
Civil Struct		dition	Good	Fa	air	Poor
Approach t	to Pump	House	Good	Fa	air	Poor
		Pump De	tails			
Pump Type	e					
Pump Mak	(e					
Discharge	Capacity	(Cusec)				
Rotational	Speed (	RPM)				
Housing Di		es)				
Bore Deptl	h (ft.)					
Head (ft.)						
-		on Depth (ft.)				1
Paint of Pu			Good	Fa	air	Poor
Number	Gate V					
of Valves	·	eturning Valve				
Base Plate			Yes			No
		o-Mechanical Ec	quipment	t Deta	ils	
Transform						
Sanctioned						
Motor Pov						
Motor Ma	ke					
MCU	•		Yes			No
Earthing of			Yes			No
Power Wir			Yes		_	No
Service Cal			Yes			No
Earthing of			Yes			No
Energy Me	ter		Yes	S		No

	Integrated D	evelopment ar	nd Asset	Manag	gement	Plan (IDAMP)	
		Municipal Cor	mmittee	Bahaw	<i>ı</i> alnagaı		
Form: IDAMP-A1		Tube Well	mont			Asset	Code: Date: 02-05-2023
Water Meter	Asset Co	Yes	No				Date: 02-03-2023
PFI Equipment		Yes	No				
Generator							
Change Over		Yes	No No				
			erall Rat				
Average Score	1	2		3		4	5
Asset	Excellent	Good	Good Fair		Poor	Failing	
Condition							J
Category	А	В		С		D	E
		Remark	s / Requ	iremen	ts		
No remarks							
Data Collected By	Designation: Team Member				Julih Sign & Date: 30 May 2023		
Data Checked By:	Designation: Team Lead				Mayf Sign & Date: 30 M	1ay 2023	

		Integrated	Developr	nent a	and	Asset Man	agement Plan (IDAMP)
			Munici	pal Co	omn	nittee Baha	walnagar
Form	ո։		Tube W				Asset Code:
IDAMP-A1 Asset C			ondition	Asses	sme	ent	Date: 02-05-2023
		Asset De	etail				Pictures
Name			For	rd Wa	h O	ld # 06	
Location	Latitud	le		30.0	177	42	
Location	Longit	ude		73.2	540	53	
Address					-	Ford wah	
			Can	al, Bal	_	/alnagar	_
Area (Marl				•1	1	•	
Working St		C= 1 34/ II		Aban	dor	ned	
		f Tube Well					-
Installation		•					_
Capital Cos		•					-
Operation	Dia						-
Delivery Pipe	Mater	ial					-
Chlorinato	1	lal	Yes		T	No	-
Ciliorillato	1		Once	Afte	r 6	NU	1
Chlorinatio	on Sched	lule	in a	Mon		No Cabadula	
			Year	S		Schedule	
Apron Aro	und Pun	np House	Ye	S		No	
Hoisting G	irder		Yes	S		No	
Civil Struct	ure Con	dition	Good	F	air	Poor	
Approach t	to Pump	House	Good	F	air	Poor	
		Pump De	tails				
Pump Type							GPS Map Camera
Pump Mak							Bahāwalnagar, Punjab, Pakistan Unnamed Road, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan
Discharge							Lat 30.017742° Long 73.254053°
Rotational							Soogle 02/05/23 12:30 PM GMT +05:00
Housing Di	•	es)					
Bore Depti	h (ft.)						
Head (ft.)							4
<u> </u>		on Depth (ft.)		1			
Paint of Pu			Good	F	air	Poor	4
Number	Gate V						4
of Valves		eturning Valve			1		-
Base Plate		o-Mechanical Ed	Ye		ila	No	
Transform			quipmeni	i Deta	IIIS		-
Transform Sanctioned							-
Motor Pow		(WII)					-
Motor Mal							1
MCU	NC .		Yes	ς		No	-
Earthing of	f Motor		Yes			No	-
Power Wir			Yes			No	-
Service Cal			Yes		H	No	1
Earthing of			Yes			No	-
Energy Me			Yes			No	-
THE PARTY			10.		1	.10	

	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Assess	ment	:		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	3	4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В	С		D	E						
		Remarks / Requirements										
No remarks												
Data Collected By	Designation: Team Member			-	Sign & Date: 30 N							
Data Checked By:	Designation:	Team	ı Lead		Sign & Date: 30 M	ng 1ay 2023						

		Integrated I	Dovolopr	nont e	nd	Accet Man			
		mitegrateu				nittee Baha			
			IVIUNICI	рагсо	m	nittee bana			
Form IDAMP		Acost C	Tube Well						
IDAIVIP	-AI	Asset Co	Condition Assessment						
Name		Asset De		rd Wal	٠.	ld # 07			
Name	Latitud	le	Ford Wah Old # 07 30.017819						
Location	Longit			73.25	_				
0 -1 -1			Arifwa		_	Ford wah			
Address						/alnagar			
Area (Marl	a)				1				
Working St	atus		Functi	onal		Non- Functional			
Installation	Year o	f Tube Well		19	90				
Installation	Year o	f Pump		19	90				
Capital Cos	t of Ma	chinery							
Operationa	al Hours			(	ŝ				
Delivery	Dia				"				
Pipe	Mater	ial			1S				
Chlorinato	r		Yes			No			
Chlorinatio	n Schoo	lule	Once After 6		No				
Cinorniatio	361186	iuic	Year	S	LII	Schedule			
Apron Aro	und Pun	np House	Yes			No			
Hoisting Gi			Yes			No			
Civil Struct		dition	Good	Fa	air	Poor			
Approach t	o Pump	House	Good	Fa	air	Poor			
		Pump De	tails						
Pump Type				Tur	bin	e			
Pump Mak					CO	1			
Discharge (					.5				
Rotational		•	1460						
Housing Di		5)	12 180						
Bore Depth Head (ft.)	i (it.)				30 30				
	stallatio	on Depth (ft.)			i0				
Paint of Pu		-	Good	1	air	Poor			
Number	Gate V				1	. 30.			
of Valves		eturning Valve			1				
Base Plate			Yes	S		No			
	Electr	o-Mechanical Ed	quipment	t Detai	ils				
Transform	er Capac	city (kVA)		2	5				
Sanctioned Load (Kwh)					8.6				
	Motor Power (HP)				0				
	Motor Make				CO				
MCU				Yes No					
Earthing of			Yes			No			
Power Wir Service Cal			Yes			No No			
Earthing of			Ye:			No No			
Lai tilling Ol	IVICU		res	3		INU			



**Pictures** 







### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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** 2 Average Score 3 4 5 Excellent Asset Good Fair Poor Failing Condition Category Α D Ε 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	Developr	nent an	ıd A	Asset Man	agement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
Form			Tube W				Asset Code:				
IDAMP-A1 Asset C			ondition .	Assessr	ner	nt	Date: 02-05-2023				
		Asset De	tail				Pictures				
Name	T		For	rd Wah	_						
Location	Latitud			30.018							
	Longit	ude		73.255							
Address					•	ord wah					
A / D.A	- <b>\</b>		Can	al, Baha	awa	alnagar	_				
Area (Marl	-			A bound	- II	a al					
Working St		f Tuba Mall		Aband	one	ea					
		f Tube Well					_				
Installation		-					_				
Capital Cos		-					-				
Operation	Dia	•					-				
Delivery Pipe	Mater	ial					_				
Chlorinato	L	ıaı	Yes			No	-				
Ciliorinato	•		Once	After 6	5	110	-				
Chlorinatio	on Sched	dule	in a	Month		No					
			Year	S		Schedule					
Apron Aro	und Pur	np House	Yes	S		No					
Hoisting Gi	irder	-	Yes	S		No					
Civil Struct	ure Con	dition	Good	Fai	r	Poor					
Approach t	to Pump	House	Good	Fai	r	Poor					
		Pump De	tails								
Pump Type	e						GPS Map Camera				
Pump Mak	e						Bahāwalnagar, Punjab, Pakistan 2794+c6H, District Council, Bahawalnagar Bahāwalnagar,				
Discharge							Bahawalnagar, Punjab, Pakistan Lat 30.018007°				
Rotational	•	•					Google Long 73.255632° 02/05/23 12:40 PM GMT +05:00				
Housing Di	•	es)									
Bore Depti	n (ft.)										
Head (ft.)											
-		on Depth (ft.)		1		1					
Paint of Pu			Good	Fai	r	Poor					
Number	Gate \										
of Valves		eturning Valve									
Base Plate			Yes			No					
		o-Mechanical Ed	quipment	t Details	S		_				
Transform							4				
Sanctioned							_				
Motor Pow Motor Mal							_				
MCU	ke		Yes	_		No	_				
Earthing of	f Motor		Yes			No	-				
Power Wir			Yes			No	-				
Service Cal			Yes			No	1				
Earthing of			Yes			No	1				
Energy Me			Yes			No	-				
chergy ivie	ter		res	>		INU					

	Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar												
Form: IDAMP-A1		Tube Well ndition Assess	ment		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	Good Fair		Poor	Failing						
Category	А	В		С	D	E						
		Remark	s / Require	ments								
No remarks												
Data Collected By	: Mr. Abdullah	Designation: Team Member			Junt () Sign & Date: 30 N							
Data Checked By:	Mr. M. Fiaz	Designation:	Team Lead		Sign & Date: 30 N	May 2023						

Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar										
_	Form: Asset C				men	t	Asset Code: Date: 02-05-2023				
	Asset D						Pictures				
Name			For	d Wah	Old	# 09					
	Latitud	le		30.018	8438	3	7				
Location	Longit	ude		73.257	7471	L	7				
Address				ala Road al, Baha		ord wah nagar					
Area (Marla	a)			1							
Working Sta	atus		Functi	onal		Non- nctional					
Installation	Year of	f Tube Well		199	90						
Installation	Year of	f Pump		199			1				
Capital Cost		•					1				
Operationa		-		0			1				
Delivery	Dia			6"	,		]				
Pipe	Materi	ial		M:	S		7				
Chlorinator			Yes	5		No					
Chlorination	n Sched	lule	Once After 6 in a Month Year s		h	No Schedule					
Apron Arou	ınd Pun	np House	Yes			No					
Hoisting Gir		•	Yes			No					
Civil Structu	ure Con	dition	Good	Fai	ir	Poor					
Approach to	o Pump	House	Good	Fai	ir	Poor					
		Pump De	etails				☐ GPS Map Camera				
Pump Type				Turb	ine		Bahāwalnagar, Punjab, Pakistan Jahangir Kot, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan				
Pump Make	е			PEC	0		Lati 30.018438° Long 73.257471°				
Discharge C	Capacity	(Cusec)		0.5	5		Google 7 20/05/23 12:42 PM GMT +05:00				
Rotational S	Speed (	RPM)		-							
Housing Dia	a (inche	s)		12	2						
Bore Depth	(ft.)			18	0						
Head (ft.)				20							
-		on Depth (ft.)		60	)						
Paint of Pu			Good	Fai		Poor	-				
Number	Gate V			0			1				
of Valves	Non-R	eturning Valve		0							
Base Plate		Yes			No						
		o-Mechanical Ed	quipment	Detail	S		4				
Transforme											
Sanctioned Load (Kwh)				No M	otor	-					
Motor Power (HP)											
Motor Make						No					
MCU			Yes			No	-				
Earthing of			Yes			No					
Power Wiri			Yes			No	-				
Service Cab			Yes			No	-				
Earthing of	MCU		Yes	5		No					

	Integrated D	evelopment a	nd As	sset Mana	agement	Plan (IDAMP)			
		Municipal Co	mmit	tee Baha	walnagai	r			
Form:						Asset	Code:		
IDAMP-A1	Asset Co	Asset Condition Assessment					Date: 02-05-2023		
Energy Meter		Yes		No					
Water Meter		Yes							
PFI Equipment		Yes		No					
Generator		Yes		No					
<b>Change Over</b>		Yes		No					
Overall Rating									
Average Score	1	2 3				4	5		
Asset	Excellent	Good		Fa	iir	Poor	Failing		
Condition									
Category	Α	В	С		3	D	Е		
		Remark	cs / R	equireme	nts				
The temp	orary non-functio	nality of the tu	ibe w	ell, due to	the mot	or unit undergoing	repair		
Data Collected By	Designation: Team Member			r	Sign & Date: 30 N				
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	1ay 2023		

		Integrated	Developr	nent ar	nd A	Asset Mana	agement Plan (ID <i>A</i>	AMF
		терисси						
			Munici	pal Cor	nm	ittee Baha	walnagar	
Forn	n:		Tube W					
IDAMP	P-A1	Asset Co	ondition	Assessi	mer	nt		
		Asset De	etail					P
Name			Foi	rd Wah	Old	# 10		
Location	Latitud	de		30.01	853	6		
LUCATION	Longit	ude		73.25	743	2		
Address			Arifwa	ala Roa	d, F	ord wah		
Address			Can	al, Bah	awa	lnagar		
Area (Mar	la)			1				E Contract
Working S	tatus		Functi	onal		Non-		
			· uncti			unctional		
		f Tube Well		198	84		Bahāwali	
Installatio		•		198	84		2794+C6H, Bahawalnaga Lat 30.0185	ar, Pur
Capital Cos		•					Lat 30.01853 Long 73.257 02/05/23 12	7432°
Operation	al Hours			6			02/05/23 12	as Ph
Delivery	Dia			6′	"		11.00	100
Pipe	Mater	ial		М	S			
Chlorinato	r		Ye:		-	No	1	
			Once	After		No		
Chlorinatio	on Sched	lule	in a Month			Schedule	* *	
			Year	S				
Apron Aro		np House	Ye			No		
Hoisting G		***	Ye	1		No		
Civil Struct			Good Fair			Poor		
Approach	to Pump		Good Fair Poo					
D =	_	Pump De	tails				A	
Pump Type				Turb			-	
Pump Mak		. (6)		PEC			-	
Discharge				0.			-	JES.
Rotational	-	•		140			-	1
Housing Di	-	es j		12			-	-
Bore Dept	n (π.)			18			-	-
Head (ft.)	obolica!	n Dorth /ft \		20			-	1
		on Depth (ft.)	Cood	60		Door		-
Paint of Pu			Good	Fa		Poor		
Number of Valves	Gate V			0			-	
Base Plate	·	eturning Valve	Ye	1		No	-	
Dase Fidle		o-Mechanical Ed			lc .	INU		
Transform			4aipinen	2!				
Sanctioned	•	• • •		14.		-	3	
Motor Pov	•	NVVII)		20		-	10	
Motor Ma						-	1	
MCU	N.C		Yes			No	-	A
Earthing o	f Matar							
Power Wir			Yes No				4	
Service Cal						No	+	
Earthing of			Ye:				1	
cartning 0	i IVICU		Ye	<b>S</b>		No	1	



**Pictures** 

Asset Code: \_







	Integrated [	Development and	d Asset Man	agement	Plan (IDAMP)						
	Municipal Committee Bahawalnagar										
Form:		Asset	: Code:								
IDAMP-A1	Asset Co	ondition Assessm	ent			Date: 02-05-2023					
<b>Energy Meter</b>		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	Excellent	Good	F	air	Poor	Failing					
Condition											
Category	Α	В		С	D	E					
		Remarks	/ Requireme	ents							
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 M						
Data Checked By:	Mr. M. Fiaz	Designation: T	eam Lead		Muff Sign & Date: 30 M	nay 2023					

	Pict
Form: Tube Well IDAMP-A1 Asset Condition Assessment  Asset Detail  Name Ford Wah New # 01  Location Latitude 30.019788  Longitude 73.259738  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla) 1  Working Status Functional Installation Year of Tube Well 2005	
IDAMP-A1   Asset Condition Assessment	
Asset Detail  Name Ford Wah New # 01  Location Location Longitude T3.259738  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla)  Working Status Installation Year of Tube Well  Provided Tous Provided Tube Well  Asset Detail  Non-Functional  Non-Functional  Page 1005	Pict
Name  Location  Latitude Longitude  Address  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla)  Working Status  Installation Year of Tube Well  Ford Wah New # 01  30.019788  Arifwala Road, Ford wah Canal, Bahawalnagar  Non-Functional Functional  2005	Pict
Location  Latitude Longitude  Address  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla)  Working Status  Installation Year of Tube Well  30.019788  Arifwala Road, Ford wah Canal, Boahawalnagar  Non-Functional Functional  2005	
Location  Longitude  73.259738  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla)  Working Status  Installation Year of Tube Well  73.259738  Arifwala Road, Ford wah Canal, Bahawalnagar  Installation Year of Tube Well  73.259738  Arifwala Road, Ford wah Canal, Bahawalnagar  Installation Year of Tube Well	
Address  Arifwala Road, Ford wah Canal, Bahawalnagar  Area (Marla)  Working Status  Installation Year of Tube Well  Arifwala Road, Ford wah Canal, Bahawalnagar  Functional  Status  Functional  2005	
Address  Canal, Bahawalnagar  Area (Marla)  Working Status  Installation Year of Tube Well  Canal, Bahawalnagar  Non-Functional  2005	
Area (Marla)  Working Status  Functional Installation Year of Tube Well  1 Non-Functional 2005	
Working Status Functional Installation Year of Tube Well Non- Functional 2005	
Working Status Functional Functional Installation Year of Tube Well 2005	
Installation Year of Tube Well 2005	
Dal	
	hāwalnagar, P 5+6W, Bahāwali
Capital Cost of Machinery	30.019788° ng 73.259738°
Operational Hours 6	05/23 12:49 PM
Delivery Dia 6"	
Pipe Material MS	
Chlorinator Yes No	
Once After 6	
Chlorination Schedule in a Month Schedule No Schedule	- 1
Year s Scriedule	
Apron Around Pump House Yes No	
Hoisting Girder Yes No	
Civil Structure Condition Good Fair Poor	Ý
Approach to Pump House Good Fair Poor	
Pump Details	
Pump Type Turbine	
Pump Make KSB	
Discharge Capacity (Cusec) 0.5  Rotational Speed (RPM) 1460	
	100
Housing Dia (inches) 12  Bore Depth (ft.) 180	W.C.
Head (ft.) 200	
Impeller Installation Depth (ft.) 60	Car
Paint of Pumping Unit Good Fair Poor	
Number Gate Valve 1	
of Valves Non-Returning Valve 1	
Base Plate Yes No	4
Electro-Mechanical Equipment Details	
Transformer Capacity (kVA) 25	X
Sanctioned Load (Kwh) 14.92	The state of
Motor Power (HP) 20	W. A
Motor Make Siemens	
MCU Yes No	2771 St
Earthing of Motor Yes No	
Power Wiring Yes No	
Service Cable Yes No	
Earthing of MCU Yes No	



**Pictures** 

Asset Code: \_







Integrated Development and Asset Management Plan (IDAMP)									
		Municipal Co	mmit	ttee Baha	walnagai	•			
Form:		Tube Well				Asset	: Code:		
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023		
<b>Energy Meter</b>		Yes		No					
Water Meter		Yes		No					
PFI Equipment		Yes		No					
Generator		Yes		No					
Change Over		Yes		No					
		Ov	eral	Rating					
Average Score	1	2		(3)	3	4	5		
Asset	Excellent	Good	Fa		iir	Poor	Failing		
Condition									
Category	Α	В				D	Е		
		Remark	s/R	equireme	nts				
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			,	Jufoh Sign & Date: 30 May 2023			
Data Checked By:	Mr. M. Fiaz	Designation:	Tear	n Lead		Sign & Date: 30 N	ny 1ay 2023		

		Integrated I	Devel <u>opn</u>	nent <u>an</u>	d Asset <u>N</u>	lana		
					nmittee B			
Form: Tube Well								
IDAMP	P-A1	Asset Co	ondition	Assessn	nent			
		Asset De						
Name	1	Ford Wah New # 02						
Location	Datitude 30.020491							
Longitude			73.260508					
Address			Arifwala Road, Ford wah					
Area (Marla)			Canal, Bahawalnagar 1					
Working Status		Function		Non- Function	ıal			
Installation	n Year o	f Tube Well		2005				
Installation	n Year o	f Pump		200	5			
Capital Cos	st of Ma	chinery						
Operation	al Hours		6					
Delivery	Dia			6"				
Pipe	Mater	ial		MS	<u> </u>			
Chlorinato	r		Yes		No			
Chlorination Sched		lule	Once in a Year	After 6 Month s	l No	ule		
Apron Aro	und Pun	np House	Yes	5	No			
Hoisting G	irder		Yes	3	No			
<b>Civil Struct</b>	ure Con	dition	Good	Fair	r Po	or		
Approach t	to Pump		Good	Fair	Po	or		
		Pump De	tails					
Pump Type	e			Turbi	ne			
Pump Mak				KSE	3			
Discharge				0.5				
Rotational				146	0			
Housing Di	•	s)		12				
Bore Deptl	h (ft.)			180				
Head (ft.)			200					
-		n Depth (ft.)	60					
Paint of Pu			Good	Fair	r Po	or		
Number	Gate V			1				
of Valves		eturning Valve		1				
Base Plate			Yes		No			
		o-Mechanical Ed	quipment					
Transform	•			25				
Sanctioned	•	(wn)		14.9				
Motor Pov			20					
Motor Ma	ке		· · · ·	Sieme				
MCU	C N A - + - :		Yes		No			
Earthing of			Yes		No			
Power Wir			Yes		No			
	Service Cable Yes No Earthing of MCU Yes No							
Eartning of	IVICU		Yes	<b>&gt;</b>	No			



**Pictures** 

Asset Code: \_









	Integrated Development and Asset Management Plan (IDAMP)										
		Municipal Co	mmit	tee Baha	walnaga	r					
Form:			Asset	: Code:							
IDAMP-A1	Asset Co	ndition Assess	ment				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	Excellent	Good		Fa	air	Poor	Failing				
Condition											
Category	Α	В			<u> </u>	D	E				
		Remark	s/R	equireme	ents						
No remarks		1				1					
Data Collected By	: Mr. Abdullah	Designation: Team Member			r	Sign & Date: 30 M					
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf Sign & Date: 30 N	1ay 2023				

		Integrated	Developn	nent an	nd A	sset Mar	agement Plan (IDAMP)
			Munici	pal Con	nmi	ttee Bah	awalnagar
Form		Asset Co	Tube W		nen	ıt	Asset Code: Date: 02-05-2023
		Asset De	tail				Pictures
Name			For	d Wah I	Nev	v # 03	
	Latitud	le		30.021	1310	0	
Location	Longit	ude		73.261	1514	4	
			Arifwa			ord wah	
Address	Address			al, Baha	-		
Area (Marl	Area (Marla)			1			
Working St	tatus			Aband	one	ed	
Installation	1 Year o	f Tube Well					
Installation	1 Year o	f Pump					
Capital Cos		_					
Operationa							
Delivery	Dia						
Pipe	Mater	ial					
Chlorinato	r		Yes	6		No	
			Once	After (	6		
Chlorinatio	n Sched	lule	in a	Month	h	No Cabadula	
			Year	S		Schedule	
Apron Aro	und Pun	np House	Yes	5		No	
<b>Hoisting Gi</b>	irder		Yes	5		No	
Civil Struct	ure Con	dition	Good	Fai	ir	Poor	
Approach t	to Pump	House	Good	Fai	ir	Poor	
		Pump De	etails				
Pump Type	9						GPS Map Camera
Pump Mak	e						Bahāwainagar, Punjab, Pakistan 27C5+6W, Bahāwainagar, Bahawainagar, Punjab, Pakistan
Discharge (	Capacity	(Cusec)					Lat 30.02131°
Rotational	Speed (	RPM)					Google 02/05/23 01:00 PM GMT +05:00
Housing Di	a (inche	s)					
Bore Depth	າ (ft.)						
Head (ft.)							_
Impeller In	stallatio	on Depth (ft.)		1			_
Paint of Pu			Good	Fai	ir	Poor	_
Number	Gate V						_
of Valves		eturning Valve					_
Base Plate			Yes			No	_
		o-Mechanical Ed	quipment	Details	S		
Transform							_
Sanctioned		(wh)					_
Motor Pow							_
Motor Mal	ke						_
MCU			Yes			No	_
Earthing of			Yes	-		No	_
Power Wir			Yes			No	_
Service Cal			Yes			No	_
Earthing of			Yes			No	_
<b>Energy Me</b>	ter		Yes	5		No	

	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1	10000					Code: Date: 02-05-2023					
Water Meter	ter Meter Yes No										
PFI Equipment Yes No											
Generator		Yes	No								
Change Over		Yes	No								
Overall Rating											
Average Score	1	2		3	4	5					
Asset	Excellent	Good	F	air	Poor	Failing					
Condition Category	A	В		C	D	E					
category	, ,	Remarks / Requirements									
No remarks			, ,								
Data Collected By	: Mr. Abdullah	Designation: Team Member			Julih Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation:	Теат Lead		Sign & Date: 30 N	ny 1ay 2023					

	Integrated	Developr	nent a	nd A	Asset Mana	agement	t Plan (II	DAMP)
					ittee Baha			
_					Titlee Bana		<u> </u>	-
Form: IDAMP-A1	Asset Co	Tube W ondition		mer			Α	
IDAWII -AI	Asset De		A33C33	illei			Pict	
Name	Asset De		d Wah	Nev			PICC	
Latitud	le	101	30.02			1		
Location Longit			73.26			1		
Longic	uuc	Arifwa		_	ord wah	11		
Address					Inagar			The state of
Area (Marla)	ea (Marla)			L	<u></u>	2000000		
Working Status		Functi	onal	Fı	Non- unctional		Bahāv	valnagar, Pu
Installation Year o	f Tube Well		20		unctionar		Lat 30.	
Installation Year o			20			Google		3.261497° 23 01:12 PM G
Capital Cost of Ma	•					513		Jan .
Operational Hours	•		(	)		1		PRO 74 - 1
Delivery Dia			6			1		
Pipe Mater	ial		N			- 1		
Chlorinator		Yes	S		No	1		
		Once	After	6	Na			
Chlorination Scheo	lule	in a	Mont	:h	No Schedule			
		Year	S		Jeneuale	M		11:16
Apron Around Pun	np House	Yes			No		1/A	MAIN
Hoisting Girder		Yes			No			
Civil Structure Con		Good	Fa		Poor			
Approach to Pump		Good	Fa	iir	Poor			
	Pump De	tails	- 1				1	
Pump Type			Turk				1	
Pump Make	. (6)		KS				1	
Discharge Capacity Rotational Speed (			0.	5		-	南人	
-	-		1	າ			700	
Housing Dia (inche Bore Depth (ft.)	.ə <sub>]</sub>		18					000
Head (ft.)			20				FA	CA
Impeller Installation	on Depth (ft.)		6					1
Paint of Pumping U		Good	Fa		Poor			Mary.
Number Gate V			1					
	eturning Valve		1				The same	
Base Plate	-	Yes	S		No			
Electr	o-Mechanical Ed	quipment	t Detai	ls				
Transformer Capac	city (kVA)							
Sanctioned Load (H	(wh)		No N	10+0	r		The second	
Motor Power (HP)			INU IV	1010	1		-	-
Motor Make								4
MCU		Ye	S		No			
Earthing of Motor		Yes	s		No			
Power Wiring								
		Yes			No	1100	100000	-
Service Cable Earthing of MCU			S		No No			



Asset Code: \_







	Integrated D	evelopment a	nd As	sset Man	agement	Plan (IDAMP)		
		Municipal Co	mmit	tee Baha	awalnagai	r		
Form:			Asset	: Code:				
IDAMP-A1	Asset Co	ndition Assess	ment	t			Date: 02-05-2023	
<b>Energy Meter</b>		Yes No						
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator Yes No								
<b>Change Over</b>		Yes		No				
Overall Rating								
Average Score	1	2			3	4	5	
Asset	Excellent	Good		F	air	Poor	Failing	
Condition								
Category	Α	В			С	D	Е	
		Remark	ks / R	equirem	ents			
The tempora	ry non-functionali	ty of the tube	well,	due to th	e motor u	ınit undergoing rep	oair	
Data Collected By	: Mr. Abdullah	Designation: Team Member			er	Jul Sh Sign & Date: 30 May 2023		
Data Checked By: Mr. M. Fiaz Designation: Team Lead						Mayf	ny 1ay 2023	

		Integrated I	Developr	nent a	ınd	Asset Mana	gement Plan	(IDAMP)
			Munici	pal Co	mn	nittee Baha	walnagar	
Form		Asset Co	Tube W	<b></b>	sme	ent		A
12111111		Asset De					Pict	
Name		7,0000 20		d Wah	Ne		1100	
	Latitud	le		30.03	377	44		
Location	Longit			73.27				
			Arifwa	ala Roa	ad,	Ford wah		
Address			Can	al, Bah	naw	alnagar		
Area (Marl	a (Marla)				1			
Working St	Working Status			onal	ı	Non- Functional		hāwalnagar, Pu QJ+HFM, Bahāwaln
Installation	Year o	f Tube Well		20	05		Lat	30.037744° ng 73.279625°
Installation	Installation Year of Pump				05			05/23 01:17 PM GN
Capital Cos	t of Ma	chinery						The same of the sa
Operationa	al Hours			(	0			The same of the sa
Delivery	Dia			$\epsilon$	<u>"</u>		1	1
Pipe	Mater	ial		Λ	1S			111
Chlorinato	r		Ye	S		No		-
			Once	After	-	No	A CONTRACTOR OF THE PARTY OF TH	
Chlorinatio	n Sched	lule	in a   Month   Sch		Schedule			
Anron Ara	ind Dire	an House	Year	S	<u> </u>	No	ATT .	
Apron Arou Hoisting Gi		np House	Yes No					63/
Civil Struct		dition			Poor	Alle		
Approach t			Good		air	Poor	A STATE OF THE STA	
Арргоасп	.o i uiiip	Pump De		<u> </u>	J11	1 001	1	-
Pump Type	,	rumpee	tans	Tur	bin	<u> </u>		
Pump Mak					SB		4	
Discharge (		(Cusec)		0	.5		1	
Rotational					-			
Housing Di	a (inche	s)		1	2			
Bore Depth	-			18	80			4
Head (ft.)				2	00			
Impeller In	stallatio	on Depth (ft.)		ε	60		1	0 60
Paint of Pu			Good	Fa	air	Poor	1/2	
Number	Gate V	alve alve			1			18 10 - 1
of Valves	Non-R	eturning Valve			1			14.4.1
Base Plate			Yes			No	The state of the s	A. B. C.
		o-Mechanical Ed	quipment	t Deta	ils		P. Marille	
Transform		-						
Sanctioned	-	(wh)		No N	/lot	or		
Motor Pow							A STATE OF	V.
	Motor Make MCU			-		No		
	Motor		Yes			No	277111	
Earthing of			Yes			No	1	
Power Wir Service Cal			Ye			No No		
			Yes					
Earthing of	IVICU		Yes	>		No		



Asset Code: \_







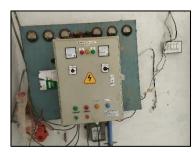
	Integrated [	Development a	nd As	set Mana	agement	Plan (IDAMP)		
		Municipal Co	mmit	tee Baha	walnagai	r		
Form:			Asset	Code:				
IDAMP-A1	Asset Co	ondition Assess	ment				Date: 02-05-2023	
<b>Energy Meter</b>		Yes No						
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator Yes No								
Change Over		Yes		No				
Overall Rating								
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	nir	Poor	Failing	
Condition								
Category	Α	В		(		D	Е	
		Remark	cs / Re	equireme	nts			
The tempora	ry non-functionali	ty of the tube v	well, d	due to the	e motor u	ınit undergoing rep	air	
Data Collected By	Designation: Team Member			r	Julih Sign & Date: 30 May 2023			
Data Checked By:	Mr. M. Fiaz	Designation:	Team	n Lead		Mayf	ny 1ay 2023	

		Integrated I	Developn	nent a	nd	Asset Mai		
						nittee Bah		
Form	n:		Tube W	'ell				
IDAMP	-A1	Asset Co	Condition Assessment					
		Asset De	tail					
Name			Ford Wah New # 19					
Location	Latitud			30.03	377	44		
	Longit	ude		73.27				
Address					-	Ford wah		
A (B.4)	-1		Can		_	alnagar		
Area (Marl	a)				1	Non-		
Working St	atus		Functi	onal	ı	Non- Functional		
Installation	ı Year o	f Tube Well		20	05			
Installation				20	05			
Capital Cos	•							
Operationa	al Hours				)			
Delivery	Dia			6	"			
Pipe	Mater	ial		N	1S			
Chlorinato	r		Yes		L ,	No		
			Once	After	-	No		
Chlorinatio	n Sched	lule	in a Voor	Mon	th	Schedule		
Apron Aro	und Dun	nn House	Year Yes	<u> </u>		No		
Hoisting Gi		ip House	Yes			No		
Civil Struct		dition	Good		air	Poor		
Approach t			Good Fair			Poor		
		Pump De						
Pump Type		•	Turbine					
Pump Mak				K:	SB			
Discharge (	Capacity	(Cusec)		0	.5			
Rotational	Speed (	RPM)			-			
Housing Di	a (inche	s)		1	2			
Bore Depth	ո (ft.)			18	30			
Head (ft.)					00			
-		n Depth (ft.)		1	0	1		
Paint of Pu			Good		air	Poor		
Number	Gate V				1			
of Valves	Non-R	eturning Valve			1			
Base Plate			Yes			No		
Tues -f:		o-Mechanical Ed	quipment	Detai	IS			
Transforme		-						
Sanctioned Motor Pow	-	wnj		No N	/lot	or		
Motor Mal								
MCU	16		Yes	:		No		
Earthing of	Motor		Yes			No		
Power Wir			Yes			No		
Service Cal			Yes			No		
Earthing of			Yes			No		
-u. umig Ul			1 03	•		140		



Asset Code: \_









	Integrated [	Development ar	nd As	set Mana	gement	Plan (IDAMP)	
		Municipal Cor	nmit	tee Baha	walnagai	•	
Form:		Asset	Code:				
IDAMP-A1	Asset Co	ondition Assessi	ment				Date: 02-05-2023
<b>Energy Meter</b>		Yes No					
Water Meter		Yes		No			
PFI Equipment		Yes		No			
Generator		No					
Change Over		Yes		No			
Overall Rating							
Average Score	1	2		3	3	4	5
Asset	Excellent	Good		Fa	ir	Poor	Failing
Condition							
Category	Α	В		C	2	D	Е
		Remarks / Requirements					
The tempora	ry non-functionali	ty of the tube v	vell, d	due to the	motor u	ınit undergoing rep	air
Data Collected By	Designation: Team Member			-	Julih Sign & Date: 30 May 2023		
Data Checked By:	Mr. M. Fiaz	Designation:	Team	n Lead		Mayf	May 2023

		Integrated	Developr	nent a	nd .	Asset Mana
			Munici	pal Co	mn	nittee Baha
Form IDAMP		Asset Co	Tube Wondition		me	ent
		Asset De	etail			
Name			For	d Wah	Ne	w # 18
	Latitud	de		30.03	546	65
Location	Longit	ude		73.27	724	41
A -l -l	•		Arifwa	ala Roa	d, 1	Ford wah
Address			Can	al, Bah	aw	alnagar
Area (Marl	rea (Marla)			1		
Working St	atus		Functi	onal	F	Non- unctional
Installation	ı Year o	f Tube Well		20	05	
Installation		20	05			
Capital Cost of Machinery						
Operationa	al Hours			C	)	
Delivery	Dia			6	"	
Pipe	ial		М	S		
Chlorinato	r		Yes	5		No
Chlorinatio	n Sched	lule	Once in a Year	After Mont		No Schedule
Apron Arou	und Pun	np House	Yes			No
Hoisting Gi			Yes No			
Civil Struct		dition	Good	Fa	ir	Poor
Approach t			Good Fair		Poor	
		Pump De		1		
Pump Type	2	•		Turk	oine	2
Pump Mak				KS		
Discharge (		(Cusec)		0.		
Rotational				-		
Housing Di				1:	2	
Bore Depth	-	•		18		
Head (ft.)	1/			20		
	stallatio	on Depth (ft.)		6		
Paint of Pu		-	Good	Fa		Poor
Number	Gate V		3000	1		1 . 55.
of Valves		eturning Valve		1		
Base Plate		Committee Agive	Yes		•	No
Dase Flate	Floctr	o-Mechanical Ed			lc	140
Transforme			141PILIEIII	Detail	.3	
Sanctioned	•					
Motor Pow	•	NVIII)		No M	lot	or
Motor Mal						
	\C		Vo			No
MCU Farthing of	: NAsts:		Yes			No
Earthing of			Yes			No
Power Wir			Yes			No
Service Cal			Yes			No
Earthing of	IVICU		Yes	5		No



Asset Code: \_









	Integrated [	Development a	nd As	set Mana	gement	Plan (IDAMP)		
		Municipal Co	mmit	tee Baha	walnagai			
Form: IDAMP-A1	Asset Co	Tube Well ondition Assess	ment			Asset	Code: Date: 02-05-2023	
Energy Meter		Yes No						
Water Meter		Yes No						
PFI Equipment		Yes		No				
Generator		No						
Change Over		Yes		No				
Overall Rating								
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	ir	Poor	Failing	
Condition								
Category	Α	В		C		D	E	
		Remark	ks / Re	equireme	nts			
The tempora	ry non-functionali	ty of the tube	well, c	due to the	motor u	init undergoing rep	air	
Data Collected By	: Mr. Abdullah	Designation: Team Member			-	Sign & Date: 30 N	Ih 1ay 2023	
Data Checked By: Mr. M. Fiaz Designation: Team Lead						Mayf	ny 1ay 2023	

## Municipal Committee Bahawalnagar egrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar

		Integrated	Developr	nent a	nd A	Asset Man				
			Munici	pal Co	mm	ittee Baha				
Form			Tube W							
IDAMP	P-A1	Asset Co	Condition Assessment							
		Asset De	tail							
Name	1		Ford Wah New # 17							
Location	Latitud			30.03	546	5				
200001011	Longit	ude		73.27	724	1				
Address					•	ord wah alnagar				
Area (Marl	la)				1					
Working St	tatus		Functi	onal	F	Non- unctional				
Installation	n Year o	f Tube Well		20	05					
Installation	n Year o	f Pump		20	05					
Capital Cos	st of Ma	chinery								
Operation	al Hours	1		(	5					
Delivery	Dia			6	"					
Pipe	Mater	ial		N	1S					
Chlorinato	r		Yes No							
			Once	After	6	No				
Chlorinatio	on Sched	dule	in a Year	Mont s	Schedule					
Apron Aro	und Pun	np House	Yes	5		No				
Hoisting Gi	irder		Yes	3		No				
Civil Struct	ure Con	dition	Good	Fa	air	Poor				
Approach t	to Pump	House	Good	Fa	air	Poor				
		Pump De	etails							
Pump Type	9		Turbine							
Pump Mak			KSB							
Discharge		•	0.5							
Rotational			1460							
Housing Di		es)			2					
Bore Depti	n (ft.)				30					
Head (ft.)		(C. )			00					
		on Depth (ft.)	6 1		0					
Paint of Pu			Good		air	Poor				
Number of Valves	Gate V				<u>l</u>					
Base Plate	Non-K	eturning Valve	Vo		<u> </u>	No				
base Plate	Electr	o Machanical Fe	Yes		lc	No				
Transform	Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  25									
Sanctioned	•		25 14.92							
Motor Pow			20							
Motor Mal			Siemens							
MCU			Yes No							
Earthing of	f Motor		Yes No							
Power Wir			Yes			No				
Service Cal			Yes			No				
Earthing of			Yes			No				
			10.	-						



Asset Code: \_









	Integrated Development and Asset Management Plan (IDAMP)										
		Municipal Con	nmitt	tee Baha	walnaga	r					
Form:		Tube Well				Asset	Code:				
IDAMP-A1	Asset Co	ndition Assessn	nent				Date: 02-05-2023				
<b>Energy Meter</b>		Yes		No							
Water Meter		Yes		No							
PFI Equipment		Yes		No							
Generator		Yes		No							
Change Over		Yes		No							
		Ove	erall	Rating							
Average Score	1	2		3	3	4	5				
Asset	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В		(	2	D	E				
		Remarks	s / Re	quireme	nts						
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			r	Sign & Date: 30 M					
Data Checked By:	Mr. M. Fiaz	Designation: 1	Теат	Lead		Sign & Date: 30 M	ny 2023				

		Integrated I	Develope	nent a	nd	Asset Mar	ns		
		integrateu							
			Munici	pal Co	mr	nittee Bah	ıaı		
Form	ı:		Tube W	/ell					
IDAMP	AMP-A1 Asset Condition Assessment								
		Asset De	tail						
Name		_	Ford Wah New # 16						
Location	Latitud	30.035465							
	Longit	ude	73.277241						
Address			Arifwala Road, Ford wah Canal, Bahawalnagar						
Area (Marl	a)		Carr		1 1	raiiiagai			
_						Non-			
Working St	atus		Functi	onal		Functional			
Installation	Year o	f Tube Well		20	05				
Installation	Year o	f Pump		20	05				
Capital Cos		-							
Operationa	al Hours			(	0				
Delivery	Dia			6	<u>"</u>				
Pipe	Mater	ial			1S				
Chlorinato	r		Yes		L	No			
			Once	After	_	No			
Chlorinatio	n Sched	iuie	in a Voor	Mon	th	Schedule	е		
Apron Aro	ınd Dun	nn House	Year Yes	S		No			
Hoisting Gi		ip i louse	Yes			No			
Civil Struct		dition	Good		air	Poor			
Approach t			Good Fair			Poor			
1.1		Pump De							
Pump Type		•		Tur	bin	e			
Pump Mak				K	SB				
Discharge (	Capacity	(Cusec)		0	.5				
Rotational	Speed (	RPM)			-				
Housing Di	a (inche	s)		1	2				
Bore Depth	n (ft.)			18	80				
Head (ft.)				20	00				
		on Depth (ft.)			0				
Paint of Pu			Good	-	air	Poor			
Number	Gate V				1				
of Valves	Non-R	eturning Valve			1				
Base Plate			Yes			No			
Tues -f		o-Mechanical Ed	quipment	t Detai	IIS				
Transform	•	-							
Sanctioned Motor Pow		wnj	1	Motor	Re	pair			
Motor Mal									
MCU	\C		Yes No						
Earthing of	Motor		Yes			No			
Power Wir			Yes			No			
Service Cal			Yes			No			
Earthing of			Yes			No			
			1 03			.10			



Asset Code: \_









	Integrated D	evelopment a	nd Asset	Vlana	gement	Plan (IDAMP)	
		Municipal Co	mmittee l	3aha	walnagai	ſ	
Form: IDAMP-A1	Asset Co	Tube Well ndition Assess	ment			Asset	Code: Date: 02-05-2023
Energy Meter		Yes	No				
Water Meter		Yes	No				
PFI Equipment		Yes	No				
Generator		Yes	No				
<b>Change Over</b>		Yes	No				
		Ov	verall Rati	ng			
Average Score	1	2		3	3	4	5
Asset	Excellent	Good		Fa	ir	Poor	Failing
Condition							
Category	Α	В		(	2	D	E
		Remark	s / Requi	reme	nts		
The tempora	ry non-functionali	ty of the tube v	well, due 1	o the	motor u	init needing repair	
Data Collected By	: Mr. Abdullah	Designation:	Теат Ме	mbei		Sign & Date: 30 N	
Data Checked By:	Mr. M. Fiaz	Designation:	Team Lea	d		Sign & Date: 30 M	ing .

		Integrated	Developn	nent ar	nd .	Asset Mar	agement Plan (IDAMP)
			Munici	pal Cor	mm	nittee Bah	awalnagar
Form IDAMP		Asset Co	Tube Wondition		me	nt	Asset Code: Date: 02-05-2023
		Asset De	etail				Pictures
Name			For	d Wah	Ne	w # 15	
	Latitud	le		30.03	546	<del>5</del> 5	
Location	Longit	ude		73.27	724	41	
			Arifwa	ala Roa	d, I	Ford wah	
Address					-	alnagar	
Area (Marl	a)			1			
Working St	tatus			Aband	lon	ed	
Installation	1 Year o	f Tube Well					
Installation	1 Year o	f Pump					
Capital Cos		-					
Operationa		-					
Delivery	Dia						
Pipe	Mater	ial					
Chlorinato			Yes	,		No	
			Once	After	6		
Chlorinatio	n Sched	lule	in a	Mont	h	No Cala advida	
			Year	S		Schedule	
Apron Aro	und Pun	np House	Yes	6		No	
<b>Hoisting Gi</b>	irder		Yes	6		No	
Civil Struct	ure Con	dition	Good	Fa	ir	Poor	
Approach t	to Pump	House	Good	Fa	ir	Poor	
		Pump De	tails				
Pump Type	9						☐ GPS Map Camera
Pump Mak	e						Bahawalnagar, Punjab, Pakistan Unnamed Road, Bahawalnagar, Punjab, Pakistan
Discharge (	Capacity	(Cusec)					Lat 30.035465°
Rotational	Speed (	RPM)					Long 73.277241° 300Gle 02/05/23 01:39 PM GMT +05:00
Housing Di	a (inche	es)					
Bore Depth	ո (ft.)						
Head (ft.)							
<u> </u>		on Depth (ft.)		1		1	
Paint of Pu			Good	Fa	ir	Poor	
Number	Gate V						
of Valves		eturning Valve					
Base Plate			Yes			No	
		o-Mechanical Ed	quipment	Detail	ls		
Transform							
Sanctioned							
Motor Pow							
Motor Mal	ke						
MCU			Yes	-		No	
Earthing of			Yes			No	
Power Wir			Yes	-		No	
Service Cal			Yes			No	
Earthing of			Yes			No	
<b>Energy Me</b>	ter		Yes	5		No	

	Integrated D	evelopment ar	nd Asset	Manage	ement	Plan (IDAMP)	
		Municipal Cor	mmittee	Bahawa	ılnagaı		
Form: IDAMP-A1		Tube Well	mont			Asset	Code: Date: 02-05-2023
Water Meter	Asset Co		No				Date: 02-05-2025
PFI Equipment		Yes Yes	No				
Generator		Yes	No				
Change Over		Yes	No.				
Change Over			erall Rat	ing			
Average Score	1	2		3		4	5
Asset	Excellent	Good		Fair		Poor	Failing
Condition	Excellent	Good		ı un		1 001	rannig
Category	Α	В		С		D	E
- Caregory	-,	Remark	s / Requi		s		_
No remarks							
Data Collected By	Designation: Team Member			Jufsh Sign & Date: 30 May 2023			
Data Checked By:	Mr. M. Fiaz	Designation:	Team Led	ıd		Mayf Sign & Date: 30 M	1ay 2023

		Integrated	Developr	nent a	nd .	Asset Mana	gement Plan (IDAN	ΛP)
			Munici	pal Co	mm	nittee Bahav	walnagar	
Form		Asset C	Tube W		me	nt		,
		Asset De						Pict
Name		ASSECTION		d Wah	Ne	w # 14		
	Latitud	le		30.03	_			
Location	Longit			73.27				
	Longic	uuc	Arifwa			Ford wah		
Address					-	alnagar		Total Control
Area (Marl	a)			1		0 -		
Working St			Functi	onal	F	Non- functional		
Installation	Year o	f Tube Well		20	05		Bahawalnag	nar D
Installation	Year o	f Pump		20			Unnamed Ro	ad, B
Capital Cos	t of Ma	chinery					Lat 30.0354 Long 73.277	241°
Operationa		•		(	5		Google 02/05/23 01	40 PI
Delivery	Dia			6	"			
Pipe	Mater	ial		N	IS			L
Chlorinato	r		Yes	S		No		
			Once	After	6	No		1
Chlorinatio	n Sched	lule	in a Year	Mont s	:h	Schedule		
Apron Aro	und Pun	np House	Yes	S		No		
Hoisting Gi	rder		Ye	S		No		11:0
Civil Struct	ure Con	dition	Good	Fa	ir	Poor		
Approach t	o Pump	House	Good	Fa	ir	Poor		
		Pump De	tails					
Pump Type	•			Turl	oine	9		
Pump Mak	e			KS	SB		000	
Discharge (	Capacity	(Cusec)		0.	5			A A A
Rotational		· · · · · · · · · · · · · · · · · · ·		14	60			
Housing Di		es)		1				4
Bore Depth	ո (ft.)				30			(سنس
Head (ft.)					00		2	. 6
<del>-</del>		on Depth (ft.)		6				1 /1
Paint of Pu			Good	Fa		Poor		
Number	Gate V				<u> </u>		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
of Valves	Non-R	eturning Valve		1	<u> </u>		7	- 3
Base Plate			Yes			No		7
_ ,		o-Mechanical Ed	quipment				A PARTIES	1
Transform	•			2				
Sanctioned	-	(WII)		14.				
Motor Pow				Sion		<u> </u>		
Motor Mal	ke		· · · · · · ·	Sien	ien			
MCU Forthing of	: NA -+ - :		Yes			No		**
Earthing of			Yes			No		
Power Wir			Yes			No		
Service Cal			Yes			No		
Earthing of	MCU		Yes	S		No		



Asset Code: \_







	Integrated D	evelopment ar	nd As	set Mana	gement	Plan (IDAMP)	
		Municipal Cor	nmit	tee Baha	walnaga	r	
Form:		Tube Well				Asset	Code:
IDAMP-A1	Asset Co	ndition Assessr	ment				Date: 02-05-2023
<b>Energy Meter</b>		Yes		No			
Water Meter		Yes		No			
PFI Equipment		Yes		No			
Generator		Yes		No			
Change Over		Yes		No			
		Ov	erall	Rating			
Average Score	1	2		3	3	4	5
Asset	Excellent	Good		Fa	iir	Poor	Failing
Condition							
Category	Α	В		(	2	D	Е
		Remarks	s / Re	equireme	nts		
No remarks							
Data Collected By	: Mr. Abdullah	Designation: Team Member			r	Sign & Date: 30 M	
Data Checked By:	Mr. M. Fiaz	Designation:	Team	n Lead		Mayf	ny 2023

		Integrated	Develope	nent a	nd	Asset Man			
		mtegrated				nittee Baha			
Form			Tube W						
IDAMP	-A1		ondition	Assess	sme	ent			
		Asset De		1347.1		".40			
Name	1 - 4 ! 4	1_	For		_	ew # 13			
Location	Latitud		30.035465 73.277241						
	Longit	Arifwala Road, Ford wah							
Address			Canal, Bahawalnagar						
Area (Mari	a)				1				
Working St			Functi	onal	F	Non- - unctional			
Installation	Year o	f Tube Well		20	05				
Installation	Year o	f Pump		20	05				
<b>Capital Cos</b>	t of Ma	chinery							
Operationa	l Hours				6				
Delivery	Dia				<u>)"</u>				
Pipe	Mater	ial			1S				
Chlorinato	<u>r                                    </u>		Yes			No			
Chlorinatio	n Sched	lule	Once in a Year	After Mon s		No Schedule			
Apron Arou	ınd Pun	np House	Yes	5		No			
Hoisting Gi	rder		Yes No						
Civil Struct	ure Con	dition	Good	Fa	air	Poor			
Approach t	o Pump	House	Good Fair Poor						
		Pump De	tails						
Pump Type				Tur		e			
Pump Mak					SB				
Discharge (				0	.5				
Rotational	-			-	_				
Housing Dia	-	s)			.2				
Bore Depth	i (π.)				80				
Head (ft.)	atallat!	n Dorth /ft \			00				
-		on Depth (ft.)	Good		60 Dir	Door			
Paint of Pu			Good		air 1	Poor			
Number of Valves	Gate V				1 1				
Base Plate	NUII-K	eturning Valve	Yes		<u>.</u>	No			
Dase Plate	Flactr	o-Mechanical Ed			ilc	INU			
Transforme			141PIHEIII	Deta	113				
Sanctioned	•								
Motor Pow	•			No N	/lot	or			
Motor Mak	<u> </u>								
MCU			Yes	5		No			
Earthing of	Motor		Yes			No			
Power Wiri			Yes			No			
Service Cab			Yes			No			
Earthing of			Yes			No			



Asset Code: \_









	Integrated D	Development ar	nd As	set Mana	gement	Plan (IDAMP)	
		Municipal Cor	mmitt	tee Baha	walnagai	r	
Form:		Tube Well				Asset	Code:
IDAMP-A1	Asset Co	ndition Assess	ment				Date: 02-05-2023
<b>Energy Meter</b>		Yes		No			
Water Meter		Yes		No			
PFI Equipment		Yes		No			
Generator		Yes		No			
Change Over		Yes		No			
		Ov	erall	Rating			
Average Score	1	2		3	3	4	5
Asset	Excellent	Good		Fa	ir	Poor	Failing
Condition							
Category	Α	В		C	2	D	Е
		Remark	s / Re	quireme	nts		
The tempora	ry non-functionali	ty of the tube v	vell, d	lue to the	e motor u	ınit undergoing rep	air
Data Collected By	: Mr. Abdullah	Designation:	Team	ı Membei	-	Sign & Date: 30 N	ih 1ay 2023
Data Checked By:	Mr. M. Fiaz	Designation:	Team	Lead		Sign & Date: 30 M	ing

		Integrated I	Develope	nent a	nd	Asset Man			
		- integrated				nittee Baha			
Form	n:		Tube W						
IDAMP	-A1	Asset Co	ondition .	Assess	me	ent			
		Asset De	tail						
Name			Ford Wah New # 12						
Location	Latitud								
Location	Longit								
Address	Arifwala Road, Ford wah Canal, Bahawalnagar								
A /B.4	_1	Can		_	alnagar				
Area (Marl	a)				1	Non-			
Working St	atus		Functi	onal		Functional			
Installation	Year o	f Tube Well		20	05	3			
Installation					05				
Capital Cos		•							
Operation		_		(	6				
Delivery	Dia			6	"				
Pipe	Mater	ial		Ν	1S				
Chlorinato	r		Yes	-		No			
			Once	After		No			
Chlorinatio	n Sched	lule	in a   Month		Schedule				
Anron A	und D	an Harra	Year	<u>S</u>		No			
Apron Arou Hoisting Gi		ip nouse	Yes			No No			
Civil Struct		dition	Good		air	Poor			
Approach t			Good		air	Poor			
- pproduit (	.o i ump	Pump De		1 1.0	411	1 001			
Pump Type	<u> </u>	i dilip De		Tur	bin	e			
Pump Mak					SB	-			
Discharge (		(Cusec)			.5				
Rotational									
Housing Di		•	1460 12						
Bore Depth	n (ft.)			1	30				
Head (ft.)				20	00				
Impeller In	stallatio	on Depth (ft.)		- 6	0				
Paint of Pu	mping l	Jnit	Good	Fa	air	Poor			
Number	Gate V			:	1				
of Valves	Non-R	eturning Valve			1				
Base Plate			Yes			No			
		o-Mechanical Ed	quipment						
Transform					5				
Sanctioned		(wh)			.92				
Motor Pow					0				
Motor Mal	ке			Sien	ner				
MCU	: NA=+=		Yes			No			
Earthing of			Yes			No			
Power Wir Service Cal			Yes			No No			
Earthing of			Yes			No No			
Lai tillig Ol	IVICU		Yes	•		NU			



Asset Code: \_







	Integrated D	evelopment ar	nd As	set Mana	gement	Plan (IDAMP)		
		Municipal Cor	nmit	tee Baha	walnaga	r		
Form:		Tube Well				Asset	Code:	
IDAMP-A1	Asset Co	ndition Assessr	ment				Date: 02-05-2023	
<b>Energy Meter</b>		Yes		No				
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator		Yes		No				
Change Over		Yes		No				
		Ov	erall	Rating				
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	iir	Poor	Failing	
Condition								
Category	Α	В		(	2	D	Е	
		Remarks	s / Re	equireme	nts			
No remarks								
Data Collected By	: Mr. Abdullah	Designation: Team Member			,	Julih Sign & Date: 30 May 2023		
Data Checked By:	Mr. M. Fiaz	Designation:	Team	n Lead		Mayf	ny 2023	

		Integrated	Developr	nent a	nd	Asset Mana	gement Pl
		mreg.uceu					
			IVIUNICI	рагсо	mn	nittee Baha	wainagar
Form IDAMP		Accet C	Tube Wondition			unt.	
IDAIVIP	-AI			Assess	me	ent	1
Nama		Asset De		d Mah	Nic	ew # 11	
Name	Latitus	la .	FOI	30.03	_		
Location	Latitud						- 11
	Longit	uue	Λ! ۲.	73.27			
Address					-	Ford wah alnagar	2
Area (Marl	a)		Call		iaw 1	umagai	
_					_	Non-	
Working St	atus		Functi	onal	ŗ	unctional	
Installation	Year o	f Tube Well		20	05	anctional	Google
Installation					05		
Capital Cos		•		20			
Operationa		•			<u> </u>		
Delivery	Dia				<u>;"</u>		
Pipe	Materi	ial			1S		
Chlorinato:			Yes			No	3
			Once	After	6		
Chlorinatio	n Sched	lule	in a	Mon		No	
		-	Year	S		Schedule	944
Apron Arou	und Pun	np House	Yes	5		No	]
Hoisting Gi		-	Ye	S		No	
Civil Struct		dition	Good	Fa	air	Poor	
Approach t	o Pump	House	Good	Fa	air	Poor	
		Pump De	tails	•			
Pump Type	:	•		Tur	bin	e	
Pump Mak				K:	SB		75
Discharge (	Capacity	(Cusec)		0	.5		300
Rotational				14	60		15 cm
Housing Di				1	2		
Bore Depth				18	30		11.5
Head (ft.)				20	00		
Impeller In	stallatio	n Depth (ft.)		6	0		
Paint of Pu	mping l	Jnit	Good	Fa	air	Poor	
Number	Gate V	alve			1		
of Valves	Non-R	eturning Valve			1		
Base Plate			Ye	5		No	-
	Electro	o-Mechanical E	quipment	t Detai	ils		
Transforme	er Capac	city (kVA)		2	5		
Sanctioned	Load (F	(wh)		14	.92		
<b>Motor Pow</b>	er (HP)			2	0		1
Motor Mak	(e			Sien	nen	ıs	
MCU			Ye	S		No	
Earthing of	Motor		Ye	5		No	
Power Wir	ing		Ye	5		No	
Service Cal	ole		Ye	5		No	
Earthing of	MCU		Yes	S		No	



Asset Code: \_









	Integrated D	evelopment ar	nd As	set Mana	gement	Plan (IDAMP)		
		Municipal Cor	nmit	tee Baha	walnagai	r		
Form:	Accet Co	Tube Well				Asset Code: Date: 02-05-2023		
IDAMP-A1	Asset Co		nent		I		Date: 02-05-2023	
Energy Meter		Yes		No				
Water Meter		Yes No						
PFI Equipment		Yes		No				
Generator		Yes		No				
Change Over		Yes		No				
		Ov	erall	Rating				
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	ir	Poor	Failing	
Condition								
Category	Α	В		(		D	Е	
		Remarks	s / R	equireme	nts			
No remarks								
Data Collected By	: Mr. Abdullah	Designation:	Tean	n Member	-	Sign & Date: 30 M		
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	1ay 2023	

		Integrated I	Developr	nent an	d As	set Mana			
			Munici	pal Com	mit	tee Baha			
Form	••		Tube W						
IDAMP	-A1		ondition	Assessn	nent				
•		Asset De		1147 1 8		W 4 0			
Name	1 - 4 2	1 -	For	d Wah N		_			
Location	Latitud	_		30.035					
	Longit	ude	A :C	73.277					
Address			Arifwala Road, Ford wah						
Area (Marl	a)		Canal, Bahawalnagar 1						
•	<u> </u>					Non-			
Working Status			Functi	onal	Fui	nctional			
Installation	Installation Year of Tube Well			200	5				
Installation	Year o	f Pump		200	5				
Capital Cos	t of Ma	chinery							
Operationa	al Hours			6					
Delivery	Dia			6"					
Pipe	Mater	ial		MS	<u> </u>				
Chlorinato	r		Yes			No			
<b>6</b> 1.1.1.1.	6.1		Once ·	After 6		No			
Chlorinatio	n sched	iuie	in a Year	Month s	' S	Schedule			
Apron Arou	und Pun	np House	Yes		1	No			
Hoisting Gi		•	Ye			No			
Civil Struct		dition	Good	Fair	r	Poor			
Approach t			Good	Fair	r	Poor			
		Pump De	tails						
Pump Type				Turbi	ne				
Pump Mak	e			KSE	3				
Discharge (	Capacity	(Cusec)		0.5					
Rotational	Speed (	RPM)		146	0				
Housing Di	a (inche	s)		12					
Bore Depth	n (ft.)			180	)				
Head (ft.)				200	)				
Impeller In	stallatio	on Depth (ft.)		60					
Paint of Pu			Good	Fair		Poor			
Number	Gate V	alve alve		1					
of Valves	Non-R	eturning Valve		1					
Base Plate			Ye			No			
		o-Mechanical Ec	quipment						
Transforme				25					
Sanctioned		(wh)		14.9					
Motor Pow				20					
Motor Mak	ке			Sieme	ens				
MCU			Yes			No			
Earthing of			Yes			No			
Power Wir			Yes			No			
Service Cab			Yes			No			
Earthing of	MCU		Yes	5		No			



Asset Code: \_









	Integrated D	Development a	nd A	sset Mana	gement	Plan (IDAMP)		
		Municipal Co	mmit	tee Baha	walnagai	r		
Form:		Tube Well				Asset Code:		
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023	
<b>Energy Meter</b>		Yes		No				
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator		Yes		No				
Change Over		Yes		No				
		Ov	eral	Rating				
Average Score	1	2		(1)	3	4	5	
Asset	Excellent	Good		Fa	iir	Poor	Failing	
Condition								
Category	Α	В				D	Е	
		Remark	s/R	equireme	nts			
No remarks								
Data Collected By	: Mr. Abdullah	Designation:	Tean	n Membei	,	Sign & Date: 30 M		
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	ny 1ay 2023	

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well IDAMP-A1 Asset Condition Assessment Asset Detail** Name Ford Wah New # 09 Latitude 30.026722 Location Longitude 73.269096 Arifwala Road, Ford wah **Address** Canal, Bahawalnagar Area (Marla) Non-**Functional Working Status Functional Installation Year of Tube Well** 2005 2005 **Installation Year of Pump Capital Cost of Machinery Operational Hours** 24 6" Delivery Dia Material Pipe MS Chlorinator Yes No Once After 6 Nο **Chlorination Schedule** in a Month Schedule Year S **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 **Gate Valve** 1 Number of Valves **Non-Returning Valve** 1 **Base Plate** No Yes **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



**Pictures** 

**Asset Code:** 









	Integrated D	evelopment a	nd A	sset Mana	gement	Plan (IDAMP)		
		Municipal Co	mmit	tee Baha	walnagai	r		
Form:		Tube Well				Asset Code:		
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023	
Energy Meter		Yes		No				
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator		Yes		No				
<b>Change Over</b>		Yes		No				
		Ov	/eral	Rating				
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	ir	Poor	Failing	
Condition								
Category	Α	В		(		D	Е	
		Remark	s/R	equireme	nts			
No remarks								
Data Collected By	: Mr. Abdullah	Designation:	Tean	n Membel	,	Sign & Date: 30 M		
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Muff Sign & Date: 30 M	nay 2023	

		Integrated I	Developr	nent a	nd	Asset Mana		
						nittee Baha		
Form	า:		Tube W	'ell				
IDAMP	'-A1	Asset Co	ondition	Assess	smo	ent		
		Asset De						
Name		_	For			ew # 08		
Location	Latitud			30.02				
	Longit	uae	۸: ۴۰۰۰	73.26				
Address			Arifwala Road, Ford wah Canal, Bahawalnagar					
Area (Marl	a)		Carr	-	1	ramagai		
Working Status			Functi			Non- Functional		
Installation	1 Year o	f Tube Well		20	05			
Installation	n Year o	f Pump		20	05			
Capital Cos	t of Ma	chinery						
Operation	al Hours				0			
Delivery	Dia			ε	5"			
Pipe	Mater	ial		N	15			
Chlorinato	r		Yes			No		
Chlorinotic	u Cabaa	lula	Once	After		I NO		
Chlorinatio	on Sched	iuie	in a Year	Mon s	tn	Schedule		
Apron Aro	und Pun	np House	Yes	_		No		
Hoisting Gi			Yes No					
Civil Struct		dition	Good	Fair		Poor		
Approach t			Good		air	Poor		
		Pump De						
Pump Type	2			Tur	bin	e		
Pump Mak	e			K	SB			
Discharge (	Capacity	(Cusec)		0	.5			
Rotational	Speed (	RPM)			-			
Housing Di	•	s)		1	.2			
Bore Depti	ո (ft.)				80			
Head (ft.)					00			
-		n Depth (ft.)		1	0	_		
Paint of Pu			Good		air	Poor		
Number	Gate V				1			
of Valves	Non-R	eturning Valve			1			
Base Plate	E1. 1	- Nash	Yes		:1	No		
Transfarre		o-Mechanical Ed	quipment	Deta	IIS			
Transform Sanctioned								
Motor Pow			No N	/lot	or			
Motor Mal								
MCU	C		Yes			No		
Earthing of	Motor		Yes					
Power Wir			Yes		No No			
Service Cal			Yes			No		
Earthing of			Yes			No		
				-				



Asset Code: \_









	Integrated D	evelopment a	nd A	sset Mana	gement	Plan (IDAMP)		
		Municipal Co	mmit	ttee Bahav	walnagai	r		
Form:		Tube Well				Asset Code:		
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023	
<b>Energy Meter</b>		Yes		No				
Water Meter		Yes	No					
PFI Equipment		Yes		No				
Generator		Yes		No				
<b>Change Over</b>		Yes		No				
		O <sub>1</sub>	veral	Rating				
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	ir	Poor	Failing	
Condition								
Category	Α	В				D	Е	
		Remark	cs / R	equireme	nts			
The tempora	ry non-functionali	ty of the tube	well,	due to the	motor u	ınit undergoing rep	air	
Data Collected By: Mr. Abdullah		Designation: Team Member			-	Jufoh Sign & Date: 30 May 2023		
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	ny 1ay 2023	

		Integrated	Developr	nent ar	nd .	Asset Mana	gement Plan	(IDAMP)
			Munici	pal Cor	nn	nittee Bahav	walnagar	
Form IDAMP		Asset Co	Tube Wondition	•	me	nt		P
		Asset De	etail					Pict
Name		7,0500		d Wah	Ne	w # 07		1100
	Latitud	de		30.02	_			
Location	Longit			73.26				AUGUSTA STATE OF THE STATE OF T
	1 -08.0		Arifwa			Ford wah	Maria Saus	
Address					•	alnagar	C. Marie	
Area (Mar	la)			1				
Working St			Functi	onal	F	Non- unctional	U Li	ahawalnagar, Pu nnamed Road, Ba at 30.025071°
Installation	n Year o	f Tube Well		200	)5			ong 73.266861° 2/05/23 02:07 PN
Installation				200	)5			
Capital Cos		•					- 100	M
Operation		-		6				77
Delivery	Dia			6'	,			
Pipe	Mater	ial		M	S			- /
Chlorinato	r		Ye	S		No	- Table 1988	
Chlorinatio		dule	Once in a Year	After Mont		No Schedule	M	
Apron Aro	und Dun	nn House	Yes			No		
Hoisting G		iip iiouse	Ye			No		
Civil Struct		dition	Good	Fa	ir	Poor		(a)
Approach			Good	Fa		Poor		
Арргоаст	to i aiiip	Pump De	<u> </u>	1 1 0	<u>''</u>	1 001		1 4
Pump Type	<u> </u>	i dilip be	- tunis	Turb	ine	2		10
Pump Mak				KS	_			1
Discharge		/ (Cusec)		0.5				
Rotational				146			7	
Housing Di	-	•		12	_			
Bore Depti		,		18				
Head (ft.)	/			20				
	stallatio	on Depth (ft.)		60			10000	000
Paint of Pu			Good	Fa		Poor		
Number	Gate V			1		1		
of Valves		eturning Valve		1			A	
Base Plate			Ye:			No	la	The second
		o-Mechanical Ed			s	-		
Transform				25			7	7 - Y
Sanctioned	•			14.9				
Motor Pov		•		20				
Motor Ma				Siem		S	Jan X	F
MCU			Ye:			No	-64	
Earthing of	f Motor		Ye			No	1	N. M.
Power Wir			Ye			No		
Service Cal			Ye			No	1	
Earthing of			Ye			No		
				-				



Asset Code: \_









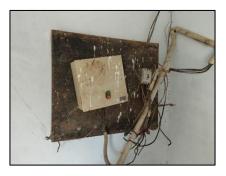
	Integrated D	evelopment an	d Ass	set Mana	gement	Plan (IDAMP)		
		Municipal Com	nmitt	tee Baha	walnaga	r		
Form:		Tube Well				Asset Code:		
IDAMP-A1	Asset Co	ndition Assessm	nent				Date: 02-05-2023	
<b>Energy Meter</b>		Yes		No				
Water Meter		Yes		No				
PFI Equipment		Yes		No				
Generator		Yes		No				
Change Over		Yes		No				
		Ove	erall	Rating				
Average Score	1	2		3	3	4	5	
Asset	Excellent	Good		Fa	ir	Poor	Failing	
Condition								
Category	Α	В		C		D	E	
		Remarks	/ Re	quireme	nts			
No remarks								
Data Collected By	: Mr. Abdullah	Designation: T	「eam	Member	-	Sign & Date: 30 M		
Data Checked By:	Mr. M. Fiaz	Designation: T	「eam	Lead		Sign & Date: 30 M	ny 2023	

		Integrated	Developr	nont a	nd	Asset Mana	gement Plan (ID	VVVD)
		integrateu						AIVIP)
			Munici	раі Со	mn	nittee Bahav	wainagar	
Form			Tube W					Α
IDAMP	'-A1		ondition .	Assess	me	ent		
Name		Asset De		ما ۱۸۷م ام	Nia	# OC		Pict
Name	Latitud	1-	For			w # 06		
Location	Longit			30.02 73.26				
	Longit	uue	Arifwa			Ford wah		
Address					,	alnagar		ACCOUNT Y
Area (Mar	la)			-	1			
Working St			Functi	onal	F	Non- Functional		
Installation	1 Year o	f Tube Well		20	05	anctional		
Installation					05		Unnamed	Inagar, Pu d Road, Ba
Capital Cos		•					Lat 30.02 Long 73.	24316° 265964°
Operation		-		(	)			3 02:11 PM
Delivery	Dia			6	·"			
Pipe	Mater	ial		N	15			
Chlorinato	r		Yes	S		No		
			Once	After	6	NI-	A	
Chlorinatio	n Sched	lule	in a	Mon	th	No Schedule		
			Year	S		Jeriedule	"	
Apron Aro		np House	Yes	_		No		7
Hoisting G			Yes			No		1
Civil Struct			Good		air	Poor		No.
Approach	to Pump		Good	Fa	air	Poor		
Dunner Turn	_	Pump De	tails	т	مر: ما			-
Pump Type				Tur		2		
Pump Mak Discharge		(Cusos)			SB .5			1 ly
Rotational					.5 -60			
Housing Di	-	-			2			6
Bore Depti	•	·-,			80			-
Head (ft.)	. ( /				00			
	stallatio	on Depth (ft.)		6	0		7	
Paint of Pu			Good	Fa	air	Poor	*	
Number	Gate V	alve/			1			
of Valves	Non-R	eturning Valve		:	1		- in	
Base Plate			Yes	S		No	and a	
	Electr	o-Mechanical E	quipment	t Detai	ils		- 4 (-4)	
Transform								1
Sanctioned		(wh)		No N	/lot	or	Se Sk 3	THE STATE OF THE S
Motor Pov								
Motor Ma	ke						in East	
MCU	• • •		Yes			No		
Earthing of			Yes			No		
Power Wir			Yes			No		
Service Cal			Yes			No		
Earthing of	UDM		Yes	S		No		



Asset Code: \_







	Integrated D	evelopment a	nd A	sset Mana	gement	Plan (IDAMP)	
		Municipal Co	mmit	tee Baha	walnagai	,	
Form:		Tube Well				Asset	Code:
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023
<b>Energy Meter</b>		Yes		No			
Water Meter		Yes	No				
PFI Equipment		Yes		No			
Generator		Yes		No			
<b>Change Over</b>		Yes		No			
		O	veral	Rating			
Average Score	1	2		(3)	3	4	5
Asset	Excellent	Good		Fa	ir	Poor	Failing
Condition							
Category	Α	В				D	Е
		Remark	cs / R	equireme	nts		
The tempora	ry non-functionali	ty of the tube	well,	due to the	motor ι	ınit undergoing rep	air
Data Collected By: Mr. Abdullah		Designation: Team Member			-	Jufoh Sign & Date: 30 May 2023	
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	ny 1ay 2023

**Asset Code:** 

**Pictures** 

Date: 02-05-2023

**Base Plate** 

MCU

Transformer Capacity (kVA)
Sanctioned Load (Kwh)

Motor Power (HP)
Motor Make

**Earthing of Motor** 

**Power Wiring** 

Service Cable

**Earthing of MCU** 

			Munici	pal Co	mm	nittee Bahav	walnagar
Forn	n:		Tube W	'ell			
IDAMF	IDAMP-A1 Asset Co			Assess	me	ent	
		Asset De	tail				
Name			For				
Location	Latitud		30.020364				
	Longit	ude		73.26			
Address	Address					Ford wah	
			Cana			alnagar	
Area (Mar	la)				1		
Working S	tatus		Function	onal	F	Non- Functional	
Installatio	n Year o	Tube Well		20	05		
Installatio	n Year o	f Pump		20	05		
Capital Co	st of Ma	chinery					
Operation	al Hours			(	)		
Delivery	Dia			6	"		
Pipe	Mater	al		Ν	1S		
Chlorinato	r		Yes	5		No	
			Once	After	_	No	
Chlorinatio	on Sched	lule	in a	Mon	th	Schedule	
Anron Are	und Du-	an House	Year	<u>S</u>		No	
Apron Aro		ih uonse	Yes			No	
Hoisting G Civil Struct		dition	Yes		oir.	No	
			Good Good		air air	Poor	
Approach :	io rump	Pump De		Fe	111	P001	
Pump Type	e	i dilip be	tall5	Tur	bine	2	Bahāwalr
Pump Mak					SB	<u>-</u>	27C5+6W, Lat 30.020
Discharge		(Cusec)			.5		Long 73.26
Rotational					-		Google 02/05/23 (
Housing D				1	2		
Bore Dept		-			30		
Head (ft.)					00		
	stallatio	n Depth (ft.)			0		
Paint of Pu			Good	Fá	air	Poor	
Number	Gate V	alve			1		
of Valves	Non-R	eturning Valve			1		
Daga Dista			\/ - ·				



No Motor

Yes

Yes

Yes

Yes

Yes

Yes

**Electro-Mechanical Equipment Details** 

No

No

No

No

No

No

	Integrated D	evelopment a	nd As	sset Mana	gement	Plan (IDAMP)				
	Municipal Committee Bahawalnagar									
Form: Tube Well					Asset	Code:				
IDAMP-A1	Asset Co	ndition Assess	ment	t			Date: 02-05-2023			
<b>Energy Meter</b>		Yes No								
Water Meter		Yes No								
PFI Equipment		Yes		No						
Generator Yes No										
<b>Change Over</b>		Yes		No						
Overall Rating										
Average Score	1	2 3				4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C		D	Е			
		Remarks / Requirements								
The tempora	ry non-functionali	ty of the tube	well,	due to the	motor u	ınit undergoing rep	air			
Data Collected By	Designation: Team Member				Junt					
Data Checked By: Mr. M. Fiaz Designation: Team Lead				n Lead		Mayf	1ay 2023			

		Integrated	Developr	nent a	nd .	Asset Mana	gement F	lan (IDAMP)
			Munici	pal Coı	mn	nittee Bahav	valnagar	
Forn IDAMF		Asset C	Tube Wondition		me		,	
		Asset De	etail					Pict
Name			For	d Wah	Ne	w # 04		
_	Latitud	de		30.01	82!	53		
Location	Longit	ude		73.25	81:	19		
			Arifwa	ala Roa	d, I	Ford wah		<b>《</b> 图题器
Address					-	alnagar		
Area (Mar	la)			1			San San	
Working S	tatus		Functi	onal	F	Non- unctional		Bahāwalnagar, Po
Installatio	n Year o	f Tube Well		200	05			2795+2MC, Bahāwal Lat 30.018253°
Installatio	n Year o	f Pump		200	05			Long 73.258119° 02/05/23 02:22 PM (
Capital Cos	st of Ma	chinery					Joogle	32,03,23 02.22 PM (
Operation				6	5			
Delivery	Dia			6	"			1
Pipe	Mater	ial		М	S			
Chlorinato	r		Ye:	S		No		
Chlorinatio	Chlorination Schedule		Once in a Year	After Mont		No Schedule	5	
Apron Aro	und Pun	nn House	Yes			No		
Hoisting G			Yes No				/	100
Civil Struct		dition	Good	Fa	ir	Poor		
Approach			Good	Fa		Poor		
прросси		Pump De		1	<u></u>		1	
Pump Type	2			Turk	oine	2	¥3	
Pump Mak				KS	В		*	0.0
Discharge .		/ (Cusec)		0.	5			
Rotational				140				
Housing D		· · · · · · · · · · · · · · · · · · ·		1.	2			
Bore Dept		-		18	80			
Head (ft.)	. ,			20			-	
	stallatio	on Depth (ft.)		60	0			The state of the s
Paint of Pu	ımping l	Unit	Good	Fa	ir	Poor		
Number	Gate V	/alve		1		•		
of Valves	Non-R	eturning Valve		1				
Base Plate			Ye	S		No		1
	Electr	o-Mechanical E	quipmen	t Detail	ls			
Transform	er Capa	city (kVA)		2.	5			47
Sanctioned	Sanctioned Load (Kwh)				9			0.
Motor Pov				20	0			
Motor Ma	Motor Make				ien	S		
MCU			Ye	5		No		100
Earthing o	Earthing of Motor					No		March
Power Wir	Ye	5		No				
Service Cal	ble		Ye	5		No		
Earthing o	f MCU		Ye	S		No		
-								



**Pictures** 

Asset Code: \_







	Integrated D	evelopment and	Asset Mana	agement	Plan (IDAMP)					
	Municipal Committee Bahawalnagar									
Form: Tube Well					Asset	: Code:				
IDAMP-A1	Asset Co	ndition Assessm	ent			Date: 02-05-2023				
<b>Energy Meter</b>		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
<b>Change Over</b>		Yes	No							
	Overall Rating									
Average Score	1	2	3	3	4	5				
Asset	Excellent	Good	Fa	nir	Poor	Failing				
Condition										
Category	Α	В	(	2	D	Е				
		Remarks	/ Requireme	nts						
No remarks										
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 M					
Data Checked By:	Mr. M. Fiaz	Designation: Te	eam Lead		Sign & Date: 30 M	ny 1ay 2023				

Date: 02-05-2023

Asset Code: \_

**Pictures** 

		Integrated I	Developr	nent a	nd	Asset Mana	gement Plan (IDAMP)
			Munici	pal Co	mn	nittee Bahav	valnagar
Form	า:		Tube W	/ell		A	
IDAMP	-A1	Asset Co	ondition	Assess	me		
		Asset De	etail				Pict
Name			For	d Wal	ո Ol	d # 15	
Location	Latitud	le		30.01	182		
Location	Longit	ude		73.25	81	17	
Address			Arifwa	ala Roa	ad,	Ford wah	
Address			Can	al, Bah	ıaw	alnagar	
Area (Marl	la)				1		
Working St	tatus		Functi	onal	F	Non- Functional	
Installation	n Year o	f Tube Well		19	84		
Installation	1 Year o	f Pump		19	84		
Capital Cos	st of Ma	chinery					
Operationa	al Hours			(	0		
Delivery	Dia			6	<u>;"</u>		
Pipe	Mater	ial		Ν	1S		
Chlorinato	r		Yes	5		No	
			Once	After	6	No	
Chlorinatio	on Sched	lule	in a	Mon	th	Schedule	
			Year	S		Scricadic	
Apron Aro		np House	Yes			No	
Hoisting G			Yes	S		No	
Civil Struct	ure Con	dition	Good Fair		air	Poor	
Approach t	to Pump		Good Fair		air	Poor	
		Pump De	tails				
Pump Type				Tur		9	Bahāwalnagar, Pu 2795+2MC, Bahāwaln
Pump Mak					CO		Lat 30.018229° Long 73.258117°
Discharge				0	.5		Google 02/05/23 02:26 PM G
Rotational							
Housing Di	•	s)			.2		
Bore Depti	n (ft.)				80		
Head (ft.)		5 11 (6.)			00		
		on Depth (ft.)	6 1	-	0	5	
Paint of Pu	_ · · · ·		Good	-	air 1	Poor	
Number	Gate V				1		
of Valves		eturning Valve	V		1	NI-	
Base Plate		- Machanical Fo	Ye			No	
Tuonafaum		o-Mechanical Ed	quipmeni	Deta	IIS		
Transform	•	, , ,					
Sanctioned		(WIII)	No Mo	otor &	Tra	insformer	
Motor Pow Motor Mal							
	MCU			Yes No			
	Earthing of Motor			5		No No	
						No	
Service Cal	Power Wiring			5			
			Yes			No	
Earthing of	IVICU		Yes	>		No	j



## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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** 2 Average Score 3 4 5 Asset Excellent Good Fair Poor Failing Condition Category Α D Ε **Remarks / Requirements** 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

**Pictures** 

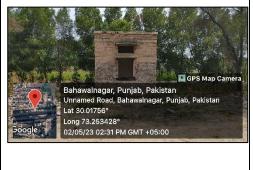
		Integrated I	Developr	nent a	nd /	Asset Mana	gement Plan (	IDAMP)
			Munici	pal Co	mm	ittee Bahav	walnagar	
Form		Accet Co	Tube W		ma		А	
IDAIVIP	-A1	Asset De		Assess	ille	1110		Pict
Name		Asset De		rd Wal	n Old	d # 14		PICC
Name	Latitud	le .	101	30.01				
Location	Longit			73.25				
			Arifwa			ord wah		
Address						alnagar		
Area (Marl	la)				1			
Working St	tatus		Functi	onal	F	Non- unctional		
Installation	n Year o	f Tube Well		19	84			
Installation	n Year o	f Pump		19	84			
Capital Cos	st of Ma	chinery						
Operationa	al Hours			(	)			
Delivery	Dia			6	"			
Pipe	Mater	ial		N	1S			
Chlorinato	r		Ye:	S		No		
			Once	After	6	No		
Chlorinatio	Chlorination Schedule			in a Month Year s		Schedule		
Apron Aro	und Pun	np House	Yes			No		
Hoisting G	irder		Ye:	S		No		
Civil Struct	ure Con	dition	Good Fa		air	Poor		
Approach t	to Pump	House	Good Fair			Poor		CONTRACTOR OF THE PARTY OF THE
		Pump De	tails				/ W) 主要	
Pump Type	e			Tur	bine	<u> </u>		āwalnagar, Pu MGJ, District Cour
Pump Mak				PE	CO		Bahav	valnagar, Punjab, Pa 0.017338°
Discharge		-		0	.5			73.255186° /23 02:29 PM GMT
Rotational	-	-			-			
Housing Di		es)			2			
Bore Depth	n (ft.)				30			
Head (ft.)	-4-11-41-	D /ft. \			00			
-		on Depth (ft.)	Cood	1	0	Door		
Paint of Pu	Gate V		Good		air L	Poor		
Number of Valves		eturning Valve			ւ 1			
Base Plate		eturning valve	Ye:		L	No		
Dase Flate		o-Mechanical Ed			İc	INO		
Transform			<sub>1</sub> aipinen	Cocta	13			
Sanctioned								
Motor Pow		,	No Mo	otor &	Tra	nsformer		
Motor Mal								
MCU			Ye	S		No		
Earthing of	f Motor		Ye		No			
Power Wir			Ye		No			
Service Cal			Ye			No		
Earthing of			Ye			No		
				-			Ī	



	Integrated D	Pevelopment a	nd A	sset Mana	gement	Plan (IDAMP)				
	Municipal Committee Bahawalnagar									
Form: Tube Well					Asset	Code:				
IDAMP-A1	Asset Co	ndition Assess	men	t			Date: 02-05-2023			
<b>Energy Meter</b>		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
<b>Change Over</b>		Yes		No						
	Overall Rating									
Average Score	1	2	3			4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В			2	D	Е			
		Remark	s/R	equireme	nts					
The tempora	ry non-functionali	ty of the tube v	well,	due to the	motor u	ınit undergoing rep	air			
Data Collected By	Designation: Team Member			-	Sign & Date: 30 N	Jh 1ay 2023				
Data Checked By:	Designation:	Tean	n Lead		Mayf	1ay 2023				

**Pictures** 

		lusta anata al l	D			A + B.4	and the second
		Integrated	Developr	nent a	na	Asset Mana	gement Plan (IDAMP)
			Munici	pal Co	mn	nittee Baha	walnagar
Form			Tube W				A
IDAMP	P-A1	Asset Co	ondition	Assess	me	ent	
		Asset De					Pict
Name	1		Foi		_	ld # 13	
Location	Latitud			30.02			
	Longit	ude		73.25			
Address					-	Ford wah	
			Can			alnagar	
Area (Mar					1	•	
Working St		c= 1 !!		Aban	dor	ied	
-		f Tube Well					
Installation		•					
Capital Cos		•					
Operation							
Delivery	Dia						
Pipe	Materi	ial					
Chlorinato	r		Ye			No	
			Once	After		No	
Chlorinatio	on Sched	lule	in a	Mon	th	Schedule	
			Year	S			
Apron Aro		np House	Ye			No	
Hoisting G			Ye			No	
Civil Struct			Good		air	Poor	
Approach	to Pump		Good	Fa	air	Poor	
		Pump De	tails				
Pump Type							
Pump Mak							Bahawalnagar, Pu Unnamed Road, Bal
Discharge							Lat 30.01756° Long 73.253428°
Rotational		•					Google 02/05/23 02:31 PM
Housing Di		s)					
Bore Deptl	n (ft.)						
Head (ft.)							
		n Depth (ft.)		1		1	
Paint of Pu			Good	Fa	air	Poor	
Number	Gate V						
of Valves		eturning Valve					
Base Plate			Ye			No	
		o-Mechanical Ed	quipment	t Deta	ils		
Transform	•	• •					
Sanctioned		(wh)					
Motor Pov							
Motor Ma	ke						
MCU			Ye	S		No	
Earthing of			Ye	S		No	
Power Wir	Power Wiring			S		No	
	Service Cable					No	
Earthing of	f MCU		Ye	S		No	
Energy Me	ter		Ye	S		No	
					_	· · · · · · · · · · · · · · · · · · ·	



	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form:		Tube Well			Asset	Code:					
IDAMP-A1	Asset Co	ndition Assessr		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	Excellent	Good	F	air	Poor	Failing					
Condition											
Category	Α	В		С	D	Е					
		Remarks / Requirements									
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 N						
Data Checked By:	Mr. M. Fiaz	Designation: `	Теат Lead		Mayf	May 2023					

**Pictures** 

		Integrated	Develop	ment a	nd	Assat Mana	gement Dis	n (IDAMP)
		integrated	Developi	nent a	na .	Asset Mana	igement Pia	II (IDAIVIP)
			Munici	pal Co	mm	nittee Bahav	walnagar	
Form	า:		Tube W	/ell			А	
IDAMP	P-A1	Asset Co	ondition	Assess	me			
		Asset De	etail					Pict
Name			Fo	rd Wal	ո Ol	d # 12		
	Latitud	de		30.01	L727	71	-	
Location	Longit	ude		73.25	307	71		
A -1 -1			Arifw	ala Roa	ad, I	Ford wah		
Address			Can	al, Bah	naw	alnagar		
Area (Mari	la)			:	1			
Working St	tatus			Aban	don	ed		
Installation	n Year o	f Tube Well						
Installation	n Year o	f Pump						
Capital Cos	st of Ma	chinery						
Operation	al Hours							
Delivery	Dia							
Pipe	Mater	ial						
Chlorinato	r		Ye	S		No		
			Once	After	6			
Chlorinatio	on Sched	lule	in a	Mon	th	No Cabadula		
			Year	S		Schedule		
Apron Aro	und Pun	np House	Yes			No		
<b>Hoisting G</b>	irder		Ye	S		No		
Civil Struct	ure Con	dition	Good	Fa	air	Poor		
Approach t	to Pump	House	Good	Fa	air	Poor		建建位
		Pump De	tails					
Pump Type	e							
Pump Mak	re .							Bahāwalnagar, Pu Unnamed Road, Bahāv
Discharge	Capacity	/ (Cusec)						Lat 30.017271° Long 73.253071°
Rotational	Speed (	RPM)					Google	02/05/23 02:31 PM GN
Housing Di	ia (inche	es)						
Bore Deptl	h (ft.)							
Head (ft.)								
Impeller In	stallatio	on Depth (ft.)						
Paint of Pu	ımping l	Jnit	Good	Fa	air	Poor		
Number	Gate V	/alve						
of Valves	Non-R	eturning Valve						
Base Plate			Ye	S		No		
	Electr	o-Mechanical E	quipmen	t Detai	ils			
Transform	er Capa	city (kVA)						
Sanctioned	l Load (I	(wh)						
Motor Pov	ver (HP)							
Motor Ma	ke							
MCU			Ye	S		No		
Earthing of	f Motor		Yes			No		
Power Wir	ing		Yes No			No	]	
Service Cal	Service Cable			Yes No				
Earthing of	f MCU		Ye	S		No		
Energy Me	ter		Ye	S		No		
		<u> </u>						



	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form:		Tube Well			Asset	Code:					
IDAMP-A1	Asset Co	ndition Assessi		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	Excellent	Good		Fair	Poor	Failing					
Condition											
Category	Α	В		С	D	Е					
		Remarks / Requirements									
<ul> <li>No remarks</li> </ul>											
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 N						
Data Checked By:	Mr. M. Fiaz	Designation:	Team Lead		Sign & Date: 30 M	1ay 2023					

**Pictures** 

							. 51 (15.445)
		Integrated	Developr	nent a	nd	Asset Mana	gement Plan (IDAMP)
			Munici	pal Co	mn	nittee Baha	walnagar
Form		Asset Co	Tube Wondition		me	ant	A
IDAIVII	-71		Diat				
Name		Asset De		\ \ \ / -	- 0	1-1 11 4 4	Pict
Name		1_	FOI	rd Wal	_		
Location	Latitud Longitu			30.02 73.25			
	Longiti	uae	۸ سنځ				
Address						Ford wah alnagar	
Area (Mari	2)		Call		iavv 1	airiagai	
Working St	•			Aban		and	
		f Tube Well		Aban	uoi	icu	
Installation							
Capital Cos		•					
Operation		•					
Delivery	Dia						
Pipe	Materi	ial					
Chlorinato		lai	Ye			No	
Ciliorillato	<u>'</u>		Once	After	6	NO	
Chlorinatio	n Sched	lule	in a	Mon		No	
Cinormatic	JII JUILU	idic	Year	S		Schedule	
Apron Aro	und Pun	np House	Yes		No		
Hoisting G		р 110000	Ye			No	
Civil Struct		dition	Good		air	Poor	
Approach			Good		air	Poor	
приссен		Pump De				1	zna zna
Pump Type	2						
Pump Mak							Bahāwalnagar, Pu
Discharge		(Cusec)					2782+G2G, Arifwala Rd, E Pakistan
Rotational							Lat 30.016867° Long 73.250491°
Housing Di		•					900gle 02/05/23 02:32 PM GMT
Bore Depti		-,					
Head (ft.)	,						
_ ` '	stallatio	on Depth (ft.)					
Paint of Pu			Good	Fa	air	Poor	
Number	Gate V						
of Valves		eturning Valve					
Base Plate			Ye			No	
	Electro	o-Mechanical Ed	guipmen	t Deta	ils		
Transform							
Sanctioned	•	• •					
Motor Pov		,					
Motor Ma							
MCU			Ye	 S		No	
Earthing of	Motor		Ye			No	
	Power Wiring			Yes No			
Service Cal			Ye			No	
Earthing of		Ye:			No		
Energy Me			Ye			No	
Lineigy ivie			16			110	Į



	Integrated Development and Asset Management Plan (IDAMP)									
		Municipal Cor	mmittee Baha	walnaga	r					
Form:	A1 C-	Asset	Code:							
IDAMP-A1	Asset Co	ndition Assessi		T		Date: 02-05-2023				
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes Yes	No No							
Change Over										
Overall Rating										
Average Score	1	2		3	4	5				
Asset	Excellent	Good	Fa	air	Poor	Failing				
Condition										
Category	Α	В	(	2	D	E				
		Remark	s / Requireme	ents						
No remarks		T			1					
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 N					
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead			Mayf	ny 1ay 2023				

**Pictures** 

		Integrated	Developr	nent an	nd A	sset Mana	gement Plan (ID	AMP)
			Munici	pal Con	nmi	ittee Bahav	walnagar	
Forn	ո։		A					
IDAMP	P-A1	Asset Co	ondition	Assessn	nen			
			Pict					
Name			Sa	diqia Ca	ınal	# 01		
Location	Latitud			29.948	369	7		
Location	Longit	ude		73.398				
Address			Sadiqia	Canal, E	3aha	awalnagar		
Area (Mar	-			1				
Working S	tatus			Aband	one	ed		
		f Tube Well						
Installatio		•						
Capital Co		-					The part of the second	
Operation	al Hours						7.	
Delivery	Dia						114	
Pipe	Mater	ial						
Chlorinato	r		Yes	s		No		
			Once	After 6	5	No		
Chlorinatio	on Sched	lule	in a	Month	h	Schedule		10.13
			Year	S			A STATE OF THE STA	
Apron Aro		np House	Yes			No		图言
Hoisting G			Yes			No	THE PURCH	
Civil Struct			Good	Fai		Poor		<b>美</b>
Approach	to Pump		Good	Fai	r	Poor	1 62	
		Pump De	tails				A Marine	
Pump Type							Pol	hāwalnaga
Pump Mak		(6. )					Pulf	ordwah, Arifwa jab, Pakistan
Discharge							Lat	30.01756° g 73.25065°
Rotational								05/23 02:36 PM
Housing D		!S)						
Bore Dept	n (π.)							Min.
Head (ft.)		- · · · · · · · ·						A. C.
-		on Depth (ft.)	6 1	Τ				
Paint of Pu			Good	Fai	r	Poor		A STATE OF THE PARTY OF THE PAR
Number of Valves	Gate V							16-16
-		eturning Valve	V =			No		66
Base Plate		o Mochanical E	Yes			No		1
Transform		o-Mechanical Ed	quipmen	Details	3			
Transform Sanctioned								
Motor Pov	•	\vvII <i>J</i>						
Motor Ma	N.C		Vo			No		
-	f Motor		Ye:	-		No		
Earthing of Power Wir			Yes			No		
Service Cal								
			Yes	-		No		
Earthing of			Yes	-		No		
Energy Me			Yes			No		
Water Me	ıer		Yes	<b>S</b>		No	I	





	Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar												
Form: IDAMP-A1	Asset Co	Tube Well ndition Assessmer	Asset	Code: Date: 02-05-2023								
PFI Equipment												
Generator		Yes	No									
Change Over		Yes	No									
Overall Rating												
Average Score	1	2	3	3	4	5						
Asset Condition	Excellent	Good	Fa	ir	Poor	Failing						
Category	Α	В			D	Е						
		Remarks / I	Requireme	nts								
No remarks												
Data Collected By	: Mr. Abdullah	Designation: Team Member			Sign & Date: 30 N							
Data Checked By:	Mr. M. Fiaz	Designation: Tea	m Lead		Mayf	May 2023						

		Integrated I	Developr	nent ar	nd /	Asset Mana	gement F	Plan (IDAMP)
			Munici	pal Cor	nm	ittee Bahav	valnagar	
Form	ո։		Tube W	'ell			Д	
IDAMP	'-A1	Asset Co	ondition	Assessr	ne	nt		
			Pict					
Name	1	_	Sac	diqia Ca				- 14
Location	Latitud			29.948				
	Longit	ude	c !: :	73.398				
Address	- 1		Sadiqia			nawalnagar		
Area (Marl	a)			1		Nan		
Working St	tatus		Functi	onal	F	Non- unctional		
Installation	n Year o	f Tube Well		201	LO			
Installation	n Year o	f Pump		201	LO			Bahāwainaga
Capital Cos		•						Pulfordonit, Arifox Punjab, Pakistan Lat 30.01766* Long 73.26088*
Operation	al Hours			6				Google 02/06/23 12:45 PI
Delivery	Dia			6"	,			
Pipe	Mater	ial		M	S			
Chlorinato	r		Yes			No		
			Once	After		No		
Chlorinatio	on Sched	lule	in a Year	Mont s	h	Schedule		
Apron Aro	und Pun	np House	Yes	S		No		
Hoisting Gi		•	Yes	S		No		
Civil Struct		dition	Good	Fai	ir	Poor		-
Approach t	to Pump	House	Good	Fai	ir	Poor		
		Pump De	tails	•				
Pump Type	2			Turb	ine	j		
Pump Mak	e			Flow	pal	k		1000
Discharge	Capacity	(Cusec)		0.5	5			180
Rotational	Speed (	RPM)		146	50			
Housing Di	a (inche	s)		12	2			
Bore Depti	າ (ft.)			13	0			
Head (ft.)				20	0			- Con-
		on Depth (ft.)		60	)			
Paint of Pu			Good	Fai	ir	Poor		
Number	Gate V			1				
of Valves	L	eturning Valve		1				
Base Plate		20 1 1 1 1	Yes			No		
Tuess		o-Mechanical Ed	quipment					
Transform Sanctioned		10 /						
Motor Pow		AVVII)		18.6 25				a A
Motor Mal				Siem		c		A WAR
MCU	\C		Yes		C113	No		
Earthing of Motor			Yes					A PLANT
Power Wiring			Yes		No No			
Service Cal	Yes			No				
Earthing of			Yes			No		1
Energy Me			Yes			No		N
			100					









	Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar												
Form: IDAMP-A1	1000 1100						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	Excellent	Good		Fair		Poor	Failing					
Condition												
Category	А	В С			:	D	E					
		Remark	s/R	equireme	nts							
No remarks		T				T						
Data Collected By	Designation: Team Member				Sign & Date: 30 N							
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf	1ay 2023					

**Pictures** 

		Integrated	Developr	nent an	d Asset N	lanagement I	Plan (IDAM
			Munici	pal Com	mittee B	ahawalnagar	
Forn			Tube W				
IDAMP	P-A1		ondition .	Assessn	nent	1	
•		Asset De			1 11 00		P
Name	1 -4:4	J_	Sac		nal # 03		
Location	Latitud			29.948 73.398			
Address	Longit	ude	Cadigia		ahawalna	ngar	
Area (Mari	la)		Sauiqia	1	allawallic	agai	
TIEG (INIGI)	ia,			1	Non-		
Working St	tatus		Functi	onal	Function	nal	1
Installation	n Year o	f Tube Well		201			1
Installation				201			1
Capital Cos		•					1 10
Operation		-		6			1
Delivery	Dia			6"			L For
Pipe	Mater	ial		MS	,		
Chlorinato	ı		Yes	5	No		The same of the sa
			Once	After 6	5		
Chlorinatio	on Sched	lule	in a	Month	No Sched		
			Year	S	scried	uie	
Apron Aro	und Pun	np House	Yes	5	No		
Hoisting G			Yes	5	No		
Civil Struct			Good	Fai	r Po	or	4 7 1 1 1
Approach	to Pump		Good	Fai	Po	or	100
		Pump De	tails				
Pump Type			Turbine				
Pump Mak				Flowp			7
Discharge				0.5			
Rotational		•		146			m . #
Housing Di		es)		12			No.
Bore Depti	n (π.)			130			TALL OF
Head (ft.)	obelles!	n Dorth /ft \		200			
-		on Depth (ft.)	ر م ع ع	60 Fair		or	THE PROPERTY.
Paint of Pu			Good	Fai	r Po	UI	
Number of Valves	Gate V			1			
		eturning Valve	Vo		NI.		
Base Plate		o-Mechanical Ed	Yes		No		13/
Transform			4aipiileili	25			14
Sanctioned	•			18.6			2 400
Motor Pov				25			1100
Motor Ma				Sieme			
MCU			Yes		No		1
Earthing of	f Motor		Yes		No		
Power Wir			Yes		No		
Service Cal			Yes		No		
Earthing of			Yes		No		
Energy Me			Yes		No		
- 31	-						







	Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar												
Form:							Code:					
IDAMP-A1	Asset Co		men				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	Excellent	Good		Fair		Poor	Failing					
Condition												
Category	Α	В С				D	E					
		Remark	cs / R	equireme	nts							
<ul> <li>No remarks</li> </ul>												
Data Collected By	: Mr. Abdullah	Designation: Team Member			-	Sign & Date: 30 N						
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf	1ay 2023					

		land a second and t	D			A + B.4		DI (1D 4845
		Integrated	Developr	nent a	nd .	Asset Mana	gement	t Plan (IDAMP
			Munici	pal Co	mr	nittee Bahav	walnaga	ir
Form IDAMP		Asset C	Tube Wondition		me	nt		
		Asset De	etail					Pi
Name				digia C	ana	l # 04		
_	Latitud	de		29.94				
Location	Longit	ude		73.39				
Address			Sadiqia	Canal,	Bał	nawalnagar		
Area (Marl	a)				1			
Working St	tatus		Functi	onal	F	Non- unctional		- sandad
Installation	1 Year o	f Tube Well		20	10			
Installation	1 Year o	f Pump		20	10			Service Restoration
Capital Cos		•						14.00
Operation		•		(	<u> </u>			Bahāwair
Delivery	Dia				 ."			Pulfordwah, a Punjab, Pakis Lat 30.01756
Pipe	Materi	ial			1S			Google Long 73.2501
Chlorinato		<del></del>	Yes			No		
557	-		Once	After	6			
Chlorinatio	n Sched	lule	in a	Mon		No		
			Year	S	Schedule			
Apron Aro	und Pun	np House	Ye	5	No			
Hoisting Gi			Ye	S		No		
Civil Struct		dition	Good	Fa	air	Poor		1
Approach t	to Pump	House	Good	Fa	air	Poor		THE Y
		Pump De	tails	•		4	X	
Pump Type	•	•		Tur	bine	9		140)
Pump Mak				Flov	vpa	k		
Discharge (	Capacity	(Cusec)		0	.5			
Rotational	Speed (	RPM)		14	60			1
Housing Di	a (inche	es)		1	2			
Bore Depti	n (ft.)			13	30			
Head (ft.)				20	00		A STATE OF THE STA	
Impeller In	stallatio	on Depth (ft.)		6	0			
Paint of Pu	mping l	Jnit	Good	Fa	air	Poor		· Ve
Number	Gate V	alve			1			The second second
of Valves	Non-R	eturning Valve		-	1			
Base Plate			Yes			No		
	Electro	o-Mechanical E	quipment	t Detai	İls			N.
Transform	•			2	5			
Sanctioned		(wh)			.65			
Motor Pow					5			
Motor Mal	ke			Sien	nen			The same of the sa
MCU			Yes	S		No		V
_	Earthing of Motor					No	V	
Power Wir	ing		Ye	S		No		1
Service Cal			Ye	S		No		A THE
Earthing of			Ye	5		No		The state of
Energy Me	ter		Ye	S		No		
		· · · · · · · · · · · · · · · · · · ·	_	_	_	· · · · · · · · · · · · · · · · · · ·		









	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form:	Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: Date: 02-05-2023					
Water Meter							Dutc. 02 03 2023					
PFI Equipment												
Generator Yes No												
Change Over												
Overall Rating												
Average Score	1	2		3	3	4	5					
Asset Condition	Excellent	Good		Fair		Poor	Failing					
Category	Α	В		(		D	E					
3 /		Remark	s/R	equireme	nts							
No remarks				-								
Data Collected By	Designation: Team Member			-	Sign & Date: 30 N							
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf Sign & Date: 30 M	1ay 2023					

**Pictures** 

		Integrated	Developr	nent a	nd	Asset Mana	gement	Plan (IDAMF
			Munici	pal Co	mn	nittee Bahav	valnagar	
Forn			Tube W					
IDAMP	'-A1	Asset Co	ondition .	Assess	me	ent		
Name	-1 # 05		Pi					
Name	Latitud	10	340	29.94		al # 05		
Location	Longit			73.39	-			
Address	Longit	uue	Sadinia			hawalnagar		
Area (Mar	la)		Saarqia		<u> </u>	na wama bar		
Working S			Functi		_	Non-		
			Turicu			unctional		- Anna
		f Tube Well		20	10			
Installatio		•		20	10			
Capital Cos		-						
Operation		1			5			
Delivery	Dia				"			
Pipe	Mater	ial			15			Pahāwal
Chlorinato	r		Yes			No		Pulfordivah, Punjab, Paki Let 30.0175
<b>.</b>	6.1		Once	After	- 1	No		Google Lat 30,0176 Long 73,260 02/05/23 01
Chlorinatio	on Sched	lule	in a Year	Mon <sup>s</sup>	Schedule			
Apron Aro	und Pun	np House	Yes			No		
Hoisting G			Yes			No		-
Civil Struct		dition	Good Fa			Poor		
Approach			Good Fair P			Poor		Jan Jan
••		Pump De						A PL
Pump Type	е			Tur	bin	e		1
Pump Mak	æ			Flov	vpa	k		
Discharge	Capacity	(Cusec)		0	.5			A STELL
Rotational	Speed (	RPM)		14	60			1
Housing Di	ia (inche	es)		1	2			
Bore Dept	h (ft.)		130					
Head (ft.)				20	I	100		
Impeller In	stallatio	on Depth (ft.)		6	0		Г	
Paint of Pu	ımping l	Jnit	Good	Fa	air	Poor		
Number	Gate V				1			
of Valves		eturning Valve			1			
Base Plate			Yes			No		
		o-Mechanical Ed	quipment					1 11
Transform	•				5			
Sanctioned		(wn)			.65			
Motor Pov					5			-
Motor Ma	ке		. Ve	Sien	ier			1 1
MCU	£ NA&+= :-		Yes		No			10
Earthing of			Yes		No			A TO
Power Wir Service Cal			Yes Yes		No No		•	
Earthing of			Yes		No No			
Energy Me			Yes			No No		
Energy IVIE	ici		res	,		INU		



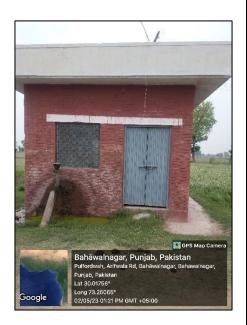




	Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar												
Form: IDAMP-A1	10000						Code: Date: 02-05-2023					
Water Meter		Yes No										
PFI Equipment		Yes		No								
Generator Yes No												
<b>Change Over</b>		Yes		No								
Overall Rating												
Average Score	1	2		3	4	5						
Asset	Excellent	Good		Fair		Poor	Failing					
Condition												
Category	Α	В С				D	E					
		Remark	cs / R	equireme	nts							
No remarks		T										
Data Collected By	Designation: Team Member			-	Sign & Date: 30 N							
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf Sign & Date: 30 M	1ay 2023					

**Pictures** 

		Integrated				Asset Mana			
Form IDAMP		Asset Co	Tube Wondition	<b></b>	me	ent			
		Asset De	tail						
Name			Sad	Sadiqia Canal # 06					
Location	Latituc			29.94					
Location	Longit	ude		73.39	81	53			
Address			Sadiqia	Canal,	Ва	hawalnagar			
Area (Mari	a)		1	L					
Working St	atus		Functi	onal	ı	Non- Functional			
Installation					10				
Installation		•		20	10				
Capital Cos		-							
Operationa				(					
Delivery	Dia			6					
Pipe	Materi	ıaı			15	NI-			
Chlorinator			Yes		٦	No			
Chlorinatio	n Sched	lule	Once in a Year	After Mont		No Schedule			
Apron Arou	ınd Pun	nn House	Yes	S		No			
Hoisting Gi		ip riouse	Yes			No			
Civil Struct		dition	Good Fair		Poor				
Approach t			Good		air	Poor			
прричисть	o i unip	Pump De		1	411	1 001			
Pump Type	<u> </u>		Turbine						
Pump Mak			Flowpak						
Discharge (		(Cusec)	0.5						
Rotational			0.5						
Housing Dia			12						
Bore Depth			130						
Head (ft.)			200						
	stallatio	on Depth (ft.)	60						
Paint of Pu			Good	Fa	air	Poor			
Number	Gate V	alve		1	l				
of Valves	Non-R	eturning Valve		1	1				
Base Plate			Yes	S		No			
	Electro	o-Mechanical E	quipment	t Detai	ls				
Transforme	er Capac	city (kVA)							
Sanctioned		No N	/lot	or					
Motor Pow		140 10	101	O.					
Motor Mak	ke								
MCU			Yes Yes			No			
	Earthing of Motor					No			
Power Wiri	_		Yes	S		No			
Service Cab			Yes			No			
Earthing of			Yes			No			
Energy Met	ter		Yes	S		No			





	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form:		Asset	Code:									
IDAMP-A1	Asset Co		Date: 02-05-2023									
Water Meter		Yes No										
PFI Equipment												
Generator												
Change Over												
Overall Rating												
Average Score	1	2		3		4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В С				D	E					
		Remark	s / R	equireme	nts							
The tempora	ry non-functionalit	ty of the tube v	vell,	due to the	motor u	ınit undergoing rep	air					
Data Collected By	Designation: Team Member				Jung Sign & Date: 30 M							
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Sign & Date: 30 M	1ay 2023					

**Pictures** 

		Integrated	Developr	nent a	nd	Asset Mana	gement Pla	n (IDAM		
		птевгасеа								
Municipal Committee Bahawalnagar										
Form IDAMP		Assat C	Tube Wondition		· m c	unt.				
IDAIVIP	-A1			ASSESS	ille	:111				
Maria		Asset De		diaia C		1 # 07		F		
Name	Latitud	ام	340	diqia C 29.94						
Location	Longit			73.39						
Address	Longit	uue	Sadigia		_	hawalnagar				
Area (Marl	12)		Sauiqia		<u>ва</u> 1	iawaiiiagai				
Alea (Iviali	ia)			-	<u> </u>	Non-				
Working St	tatus		Functi	onal	F	Functional	14			
Installation	າ Year ດ	f Tube Well		20	10	Silverorial				
Installation					10					
Capital Cos		•								
Operation				(	)			No. of the last of		
Delivery	Dia				"		4.	N. I		
Pipe	Mater	ial			1S		A STATE			
Chlorinato		- <del></del>	Yes			No		Total C		
22	-		Once	After	6	-				
Chlorinatio	on Sched	lule	in a	Mon		No				
			Year	S		Schedule				
Apron Around Pump House			Ye	S		No	100	7		
Hoisting Girder			Ye	S		No				
<b>Civil Structure Condition</b>			Good	Good Fa		Poor		Bahāwa Pulfordwah		
Approach t	Approach to Pump House		Good	Fair		Poor		Punjab, Pak Lat 30.0175		
		Pump De	tails				Google	Long 73.25 02/05/23 0		
Pump Type	9			Tur	e					
Pump Mak	ie			Flov		The to				
Discharge	Capacity	(Cusec)		0						
Rotational		•				2				
Housing Di	ia (inche	es)		1		,+				
Bore Depti	h (ft.)			13	30					
Head (ft.)				20	00			7		
		on Depth (ft.)		6	0		1	8		
Paint of Pu	mping l	Jnit	Good	Fa	air	Poor				
Number	Gate V				1		3			
of Valves	Non-R	eturning Valve			1		4	M		
Base Plate			Yes		_	No	P. Carlo	Mesel .		
		o-Mechanical E	quipment	t Detai	İs			C.D.		
Transform								Pobēw		
Sanctioned Load (Kwh)			No M	otor &	tra	nsformer	1	Bahāwal Pulfordwah Punjab, Pak		
Motor Pow								Lat 30.0175 Long 73.25		
Motor Mal	ke						Google	02/05/23 0		
MCU				S	No					
Earthing of			Yes		No					
Power Wir			Yes			No				
Service Cal			Yes			No				
Earthing of			Yes			No				
<b>Energy Me</b>	ter		Yes	S		No				





### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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 Excellent Good Fair Poor Failing Condition В C D Ε Category Α **Remarks / Requirements** 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

**Pictures** 

		Integrated I	Dovolos	nonte	nd	Accat Man			
		integrated	Developi	nent a	ma	Asset Mana			
Municipal Committee Bahawa									
Form			Tube W						
IDAMP-	-A1		ondition	Assess	me	nt			
		Asset De							
Name			Sa	diqia C					
Location	Latitud			29.94					
A -1 -1	Longit	ude	CI:-::-	73.39					
Address Area (Mark	۵۱		Sadiqia		<u>ваг</u> 1	nawalnagar			
Area (IVIaria	a)				L	Non-			
<b>Working St</b>	atus		Functi	onal	F	unctional			
Installation	Year o	f Tube Well		20	10	vioriai			
Installation					10				
Capital Cos		•							
Operationa		•		(	6				
Delivery	Dia			$\epsilon$	<u>'</u>				
Pipe	Materi	al		N	1S				
Chlorinator	ŕ		Ye	S		No			
			Once After		6	No			
Chlorinatio	n Sched	lule	in a	Mon	th	h Schedule			
				Year s					
Apron Arou		np House	Ye			No			
Hoisting Gi		11.1	Yes			No .			
Civil Structure Condition		Good		air					
Approach to Pump House			Good			Poor			
Pump Type		Pump De	talis	Tur	hind				
Pump Make			Turbine Flowpak						
Discharge (		(Cusec)	0.5						
Rotational			- 0.5						
Housing Dia		•	12						
Bore Depth		<b>5</b> /	130						
Head (ft.)	()				00				
. , ,	stallatio	n Depth (ft.)			0				
Paint of Pu			Good		air				
Number	Gate V			1	1				
of Valves		eturning Valve			1				
Base Plate			Ye	S		No			
	Electro	o-Mechanical Ed	quipmen	t Deta	ils				
Transforme	er Capac	city (kVA)							
Sanctioned	Load (H	(wh)	No M	a+ar 0	Tro	neformer			
Motor Power (HP)			NO IVI	otor &	ıra	nsformer			
Motor Mak									
MCU	Ye:	S		No					
Earthing of	Motor		Ye:	S		No			
Power Wiri	ing		Ye	S		No			
Service Cab			Ye	S		No			
Earthing of			Ye	S		No			
Energy Met	ter		Ye	S		No			





### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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 Excellent Good Fair Poor Failing Condition В C D Ε Category Α **Remarks / Requirements** 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

**Pictures** 

		Integrated I	Developr	nent a	nd.	Asset Mana			
		- mregrated				nittee Baha			
Form			Tube Well						
IDAMP	IDAMP-A1 Asset Condition Assessment								
Mana		Asset De		-l::- C		1 # 00			
Name	Latitud	lo.	580	diqia C 29.94					
Location	Longit			73.39					
Address	Longit	uue	Sadinia			nawalnagar			
Area (Marl	a)		oudiqia		L	ia wamagai			
Working St	-		Functi	onal	F	Non- functional			
Installation	ı Year o	f Tube Well		20	10				
Installation	ı Year o	f Pump		20	10				
Capital Cos	st of Ma	chinery							
Operationa	al Hours			(	)				
Delivery	Dia			6	"				
Pipe	Mater	ial		N	IS				
Chlorinato	r		Yes	5		No			
			Once	After	-	No			
Chlorinatio	n Sched	lule	in a	Mon	th	Schedule			
Apron Aro	und Dun	an House	Year s			l No			
Hoisting Gi		iih uonse	Yes			No			
Civil Struct		dition	Good						
Approach to Pump House			Good						
Pump De									
Pump Type	2		Turbine						
Pump Mak			Flowpak						
Discharge		(Cusec)		0					
Rotational		-	-						
Housing Di			12						
Bore Depth	_		130						
Head (ft.)				20	00				
Impeller In	stallatio	on Depth (ft.)		6	0				
Paint of Pu	ımping l	Jnit	Good	Fa	ir	Poor			
Number	Gate V	alve/			Ļ				
of Valves	Non-R	eturning Valve		-	L				
Base Plate			Yes			No			
		o-Mechanical Ed	quipment	Detai	ls				
Transform									
Sanctioned		(wh)	No Mo	otor &	Tra	nsformer			
Motor Power (HP)						-			
	Motor Make					N.I.			
MCU			Yes			No			
Earthing of Motor			Yes		No				
Power Wir			Yes			No			
Service Cal			Yes			No No			
Earthing of			Yes			No			
Energy Meter			Yes	•	No				





### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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 Excellent Good Fair Poor Failing Condition В C D Ε Category Α **Remarks / Requirements** 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

**Pictures** 

		Integrated	Developr	nent a	nd	Asset Mana	gement Plan (I	DAMP)		
Municipal Committee Bahawalnagar										
Form			Tube W				Δ			
IDAMP	'-A1		ondition	Assess	me	ent				
		Asset De						Pict		
Name	I		Sac			al # 10				
Location	Latitud			29.94						
	Longit	ude	6 1: :	73.39						
Address			Sadiqia			hawalnagar				
Area (Marl	a)				<u>L</u>	<b>.</b>				
Working St	tatus		Functi	onal	ı	Non- Functional				
Installation	1 Year o	f Tube Well		20	10					
Installation	n Year o	f Pump		20	10		The last			
Capital Cos	t of Ma	chinery								
Operation	al Hours			(	)					
Delivery	Dia			6	"			TANS		
Pipe	Mater	ial		N	1S		RD b	55		
Chlorinato	r		Yes	S		No	51			
			Once	After	6	No				
Chlorinatio	Chlorination Schedule		in a Year	Mont s	th	Schedule				
Apron Aro	und Pun	nn House	Yes		I	No				
Apron Around Pump House Hoisting Girder			Yes			No				
Civil Structure Condition					air	Poor		ahāwalnaga		
Approach to Pump House		Good Fa				Pu	ulfordwah, Arifwa unjab, Pakistan at 30.01756°			
Pump De				1 001	Google	ong 73.25065° 2/05/23 01:38 PN				
Pump Type	<b>.</b>			Turl	hin	e				
Pump Mak				Flov						
Discharge		/ (Cusec)			.5					
Rotational						a short				
Housing Di				1	2					
Bore Depth	_	,			30	3				
Head (ft.)	. (,				00					
	stallatio	on Depth (ft.)			0					
Paint of Pu			Good		air	Poor		desired)		
Number	Gate V		0000	1	***	1 001	-	2		
of Valves		eturning Valve					To the said			
Base Plate				S		No		*		
	Electr	o-Mechanical E	<u> </u>		ls		V25.200			
Transform							1			
Sanctioned	No	Moto	r N	иси &	1					
Motor Power (HP)				Transf			THE REAL PROPERTY.			
Motor Make							Table Control			
MCU			Yes		No		TATAL TRANSPORT			
Earthing of Motor			Yes		No					
Power Wiring			Yes		No					
Service Cal			Yes			No				
Earthing of			Yes			No				
						No				
Energy Meter			Yes			140				





Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form:		Tube Well			Asset	Code:				
IDAMP-A1	Asset Co	ondition Assessm	ent			Date: 02-05-2023				
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
<b>Change Over</b>		Yes	No							
Overall Rating										
Average Score	1	2	3	3	4	5				
Asset	Excellent	Good	Fa	iir	Poor	Failing				
Condition	Δ.	D			D.	_				
Category	Α	В	(2)		D	E				
<ul> <li>Remarks / Requirements</li> <li>The temporary non-functionality of the tube well, due to the motor unit, MCU and Transformer undergoing repair</li> </ul>										
Data Collected By	: Mr. Abdullah	Designation: Team Member			Juloh Sign & Date: 30 May 2023					
Data Checked By:	Mr. M. Fiaz	Designation: To	eam Lead		Sign & Date: 30 May 2023					

**Pictures** 

		Integrated	Developr	nent ar	nd A	Asset Mana	gement F	lan (ID	AMP)
			Munici	pal Cor	nm	ittee Bahav	valnagar		
Form IDAMP		Asset C	Tube Wondition		nei			,	
		Asset De	tail						Pic
Name			For	rd Wah	Old	d # 29			
	Latitud	de		30.01	469	18			
Location	Longit	ude		73.24	155	2			
Address				ala Roa al, Baha		ord wah			
Area (Marl	a)		Carr	1		лпават			
Working St	-		Functi		F	Non- unctional			
Installation	1 Year o	f Tube Well		201					
Installation	n Year o	f Pump		201					
Capital Cos		•						<b>在市场</b>	444
Operation		-		0					
Delivery	Dia			4'	,			***	
Pipe	Mater	ial		M	S		1		
Chlorinato	r		Yes	S		No			
Chlorinatio	hlorination Schedule		Once in a Year	a Month Schedule					
Apron Aro	und Pun	np House	Yes			No	1		
Hoisting Girder			Yes	5		No			nāwalnaga R+CM, Bahāw
Civil Structure Condition			Good Fair I			Poor	No. 5	Pakis	
Approach to Pump House			Good Fair			Poor	Google	Long	73.241552° 5/23 03:36 P
	·	Pump De	tails				FLESC SCHOOL OF		The state of the s
Pump Type	•			Turb	ine		1100		2010
Pump Mak	e			PEC	0				
Discharge	Capacity	(Cusec)		0.	5		-40		
Rotational	Speed (	RPM)		146	50		1		
Housing Di	a (inche	es)		10	)	1	-		
Bore Depti	ո (ft.)			16	0		A.	1	
Head (ft.)				20	0				
Impeller In	stallatio	on Depth (ft.)		72	<u> </u>		1		
Paint of Pu	mping l	Jnit	Good	Fa	ir	Poor			1
Number	Gate V	alve/		1				-6	E.
of Valves	Non-R	eturning Valve		1					
Base Plate			Ye	S		No	1		-10
	Electr	o-Mechanical Ed	quipment	t Detail	S			4	1
Transform					1				
Sanctioned Load (Kwh)				No M	oto	nr		1	1500
Motor Pov	ver (HP)			140 141		"	0/		
Motor Make								The state of the s	
MCU			Yes			No			
Earthing of	Motor		Ye	S		No			
Power Wir	ing		Ye	S		No			
Service Cal			Ye	5		No			
Earthing of	Yes	5		No					





Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form:	Form: Tube Well					Asset	Code:		
IDAMP-A1	Asset Co	ndition Assessr	ment				Date: 02-05-2023		
<b>Energy Meter</b>		Yes		No					
Water Meter		Yes		No					
PFI Equipment		Yes		No					
Generator		Yes		No					
<b>Change Over</b>		Yes		No					
Overall Rating									
Average Score	1	2		3	}	4	5		
Asset	Excellent	Good		Fa	ir	Poor	Failing		
Condition									
Category	Α	В С		;	D	Е			
		Remarks	s / Re	equireme	nts				
The tempora	The temporary non-functionality of the tube well, due to the motor unit undergoing repair								
Data Collected By	Designation: Team Member				Jufoh Sign & Date: 30 May 2023				
Data Checked By:	Designation: Team Lead				Sign & Date: 30 May 2023				

# Municipal Committee Bahawalnagar

Date: 02-05-2023

Asset Code: \_

		Integrated	Developr	nent ar	nd A	Asset Mana	gement	Plan (IDAMP)
			Munici	pal Cor	nm	ittee Bahav	walnagar	
Form		Asset Co	Tube Wondition		mei		А	
		Asset De						Pict
Name		7,0000 20		d Wah	Old	d # 28		
	Latitud	de		30.01	310	00		W. W.
Location	Longit			73.23				
			Arifwa			ord wah		
Address					-	alnagar		
Area (Marl	a)			1		- J		
Working St	tatus		Functi	onal	F	Non- unctional		
Installation	1 Year o	f Tube Well		201	18			
Installation	n Year o	f Pump		201				Bahawalnaga Unnamed Road,
Capital Cos		•						Lat 30.0131* Long 73.239459 D2/05/23.03:44
Operation		-		6	,			92/10/23 63:44
Delivery	Dia			4'	,			
Pipe	Mater	ial		M	S			
Chlorinato	r		Yes	5		No		8
Chlorinatio	n Schoo	lulo	Once in a	After Mont		No		
Chiorinatic	Chlorination Schedule		Year	S	n	Schedule		
Apron Aro	und Pun	np House	Yes	5		No		THE REAL PROPERTY.
Hoisting Girder			Yes			No		
Civil Structure Condition			Good Fair			Poor		
Approach to Pump House			Good Fair Poor					JAN TO
		Pump De	tails					
Pump Type				Turb	ine			
Pump Mak	e			PEC	0		-9 16	
Discharge				0.	5		11,300	
Rotational	Speed (	RPM)		146	50	1 .	-	
	Housing Dia (inches)			10		1 1 1) 7)		
Bore Depti	ո (ft.)			16		1	-	
Head (ft.)				20			1	
		on Depth (ft.)		72		1		· ·
Paint of Pu			Good	Fa		Poor		
Number	Gate V			1				
of Valves	Non-R	eturning Valve		1				
Base Plate			Yes			No		93
		o-Mechanical Ed	quipment					
Transformer Capacity (kVA)				25				1
Sanctioned Load (Kwh)				19	_			1
Motor Power (HP)				20				M
Motor Make			Siem	ens				
MCU			Yes	5		No		The state of the s
Earthing of			Yes			No		
Power Wir			Yes			No		1
Service Cal			Yes	5		No		
Earthing of MCU			Yes	5		No		1









	Integrated D	evelopment and	Asset Mana	agement	Plan (IDAMP)				
		Municipal Com	mittee Baha	walnaga	r				
Form:		Tube Well			Asset Code:				
IDAMP-A1	Asset Co	ndition Assessm	ent			Date: 02-05-2023			
<b>Energy Meter</b>		Yes No							
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
Overall Rating									
Average Score	1	2	3	3	4	5			
Asset	Excellent	Good	Fa	air	Poor	Failing			
Condition									
Category	Α	В	(	2	D	E			
		Remarks ,	/ Requireme	ents					
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			Julih Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: Te	eam Lead		Mayhy Sign & Date: 30 May 2023				

		Integrated I	Developn	nent a	ad	Asset Mana	
		integrated				nittee Bahav	
Form IDAMP		Asset Co	Tube Wondition		me	nt	
		Asset De	tail				
Name			For	d Wah	Ol	d # 27	
	Latitud	le		30.01	312	20	
Location	Longit	ude		73.23	942	20	
			Arifwa	ala Roa	d, I	Ford wah	
Address			Cana	al, Bah	aw	alnagar	
Area (Mari	rea (Marla)			1			
Working Status			Function	onal	F	Non- unctional	
Installation	n Year o	f Tube Well		20:	18		
Installation	Installation Year of Tube Well Installation Year of Pump			202	18		
Capital Cos	st of Ma	chinery					
Operation	al Hours		6	,			
Delivery	Dia		4′	,			
Pipe	Material			М	S		
Chlorinato	r		Yes	5		No	
Chlorinatio	nlorinator		Once in a Year	After Mont s		No Schedule	
Apron Aro	und Pun	np House	Yes	6		No	
<b>Hoisting G</b>	irder		Yes	5		No	
Civil Struct	ure Con	dition	Good Fair		Poor		
Approach t	to Pump	House	Good	Fa	ir	Poor	
		Pump De					
Pump Type	9		Turbine				
Pump Mak	e			PEC	00		
Discharge	Capacity	(Cusec)		0.	5		
Rotational				146	60		
Housing Di				10			
Bore Deptl		•		16			
Head (ft.)	/			20			
	stallatio	on Depth (ft.)		72			
Paint of Pu			Good	Fa		Poor	
Number	Gate V			1			
of Valves		eturning Valve					
Base Plate	L	e con i i i i i i i i i i i i i i i i i i i	Yes			No	
Dase i late		o-Mechanical Ed			s	110	
Transform			<sub>1</sub> aipinein	2!			
Sanctioned				19			
Motor Pov				20			
Motor Ma				Siem		c	
MCU	N.C		Yes		iCII	No	
	f N/a+a=						
Earthing of			Yes			No No	
Power Wir	_		Yes			No	
Service Cal			Yes			No	
Earthing of	IVICU		Yes	ó		No	



**Pictures** 

Asset Code: \_





	Integrated D	evelopment and	l Asset Mana	agement	Plan (IDAMP)				
		Municipal Com	mittee Baha	walnaga	r				
Form:		Tube Well			Asset	: Code:			
IDAMP-A1	Asset Co	ndition Assessm	ent		Date: 02-05-2023				
<b>Energy Meter</b>		Yes No							
Water Meter		Yes	No						
PFI Equipment		Yes No							
Generator		Yes	No						
Change Over		Yes	No						
Overall Rating									
Average Score	1	2	3	3	4	5			
Asset	Excellent	Good	Fa	air	Poor	Failing			
Condition									
Category	Α	В	(	2	D	Е			
		Remarks ,	/ Requireme	nts					
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			Julih Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: Te	eam Lead		Sign & Date: 30 May 2023				

		Integrated I	Developr	nent an	ıd A	sset Mana	geme	nt Pla	n (IDAMP
			Munici	pal Con	nmi	ttee Bahav	walnag	gar	
Form IDAMP		Asset Co	Tube Wondition		nen	it			
		Asset De	tail						Pic
Name			For	rd Wah	Old	# 26			
	Latitud	le		30.006	665	4			
Location	Longit	ude		73.228	303	7			
A -1 -1			Arifwa	ala Roac		e e			
Address			Can	al, Baha	awa	Inagar			
Area (Mar	Area (Marla)			1					
Working Status			Functi	onal	Fu	Non- inctional			
Installation	n Year o	f Tube Well		201	.8			S.A.	
Installation	1 Year o	f Pump		201	8				
Capital Cos	st of Ma	chinery							鹽
Operation	al Hours			6					
Delivery	Dia			4"	•				Bahāwalna
Pipe	Mater	ial		MS	S				Pakistan Lat 30.006654
Chlorinato	r		Ye	S		No		Google	Long 73.2280 02/05/23 03:8
Chlorinatio	on Sched	lule	Once in a Year	After 6 Month	h	No Schedule			
Apron Aro	und Pun	np House	Yes			No		311	
Hoisting G		•	Yes			No		1	A A
Civil Struct		dition	Good Fair			Poor			22 1
Approach			Good Fair			Poor			18
	·	Pump De	tails					STATE OF	Time I
Pump Type	9	-		Turbi	ine				
Pump Mak	æ			PEC	0				
Discharge	Capacity	(Cusec)		0.5	5				
Rotational	Speed (	RPM)		146	60				1
Housing Di	ia (inche	es)		10	)				100
Bore Depti	n (ft.)			160	0			Sail.	
Head (ft.)				200	0				
Impeller In	stallatio	on Depth (ft.)		72	<u>)</u>			- 1	
Paint of Pu	ımping l	Jnit	Good	Fai	r	Poor		1	
Number	Gate V	alve alve		1					
of Valves	Non-R	eturning Valve		1					
Base Plate			Yes	S		No			Dune
	Electr	o-Mechanical E	quipment	t Details	S				
Transform	er Capa	city (kVA)		25	<u> </u>				
Sanctioned	l Load (H	(wh)		19	)			7	
Motor Pov	ver (HP)			20	)			1	
Motor Ma	ke			Sieme	ens				
MCU			Ye	S		No			
Earthing of	f Motor		Yes	S		No			h =
Power Wir	ing		Ye	S		No		1	K
Service Cal	ble		Ye	S		No		-	
Earthing of	MCU		Yes	s		No			



**Pictures** 





	Integrated D	evelopment and	d Asset Mana	agement	Plan (IDAMP)				
		Municipal Com	mittee Baha	walnaga	r				
Form:		Tube Well			Asset	Code:			
IDAMP-A1	Asset Co	ndition Assessm	ent		Date: 02-05-2023				
<b>Energy Meter</b>		Yes No							
Water Meter		Yes	No						
PFI Equipment		Yes No							
Generator		Yes	No						
Change Over		Yes	No						
Overall Rating									
Average Score	1	2	3	3	4	5			
Asset	Excellent	Good	Fa	air	Poor	Failing			
Condition									
Category	Α	В		C	D	Е			
		Remarks	/ Requireme	ents					
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			Julih Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: To	eam Lead		Mushy Sign & Date: 30 May 2023				

# Municipal Committee Bahawalnagar

Date: 02-05-2023

Asset Code: \_

**Pictures** 

	ntegrated I	Developn	nent a	nd	Asset Mana	
		Munici	pal Co	mn	nittee Baha	
Form: IDAMP-A1	Accet Co	Tube W				
IDAIVIP-A1	Asset De		ASSESS	me	ent.	
Name	Asset De		·d \/\/ak	<u> ۱</u>	d # 25	
Latitude		101	29.99			
Location Longitude			73.23			
<u> </u>		Arifwa	ala Roa	id,	Ford wah	
Address		Cana	al, Bah	aw	alnagar	
Area (Marla)		1				
Working Status		Functio	onal	F	Non- unctional	
nstallation Year of Tube Well			20	18		
Installation Year of Pun	ıp		20	18		
nstallation Year of Pump Capital Cost of Machinery						
Operational Hours			(	5		
Delivery Dia			4	."		
Pipe Material	pe Material			15		
Chlorinator		Yes			No	
hlorination Schedule		Once in a	After Mon	- 1	No	
hlorination Schedule		Year	S		Schedule	
Apron Around Pump Ho	use	Yes	5		No	
Hoisting Girder		Yes	5		No	
<b>Civil Structure Conditio</b>	1	Good	Fa	air	Poor	
Approach to Pump Hou		Good	Good Fair Po		Poor	
	Pump De	tails				
Pump Type		Turbine				
Pump Make	,			CO		
Discharge Capacity (Cus				.5		
Rotational Speed (RPM				60		
Housing Dia (inches)				0		
Bore Depth (ft.)				50		
Head (ft.)	n+h /& \			00		
Impeller Installation De Paint of Pumping Unit	pui (it.)	Good		2 air	Poor	
Number Gate Valve		Good		111 L	1 7001	
of Valves Non-Return	ing Valve			ւ Լ		
Base Plate	ing valve	Yes			No	
Electro-Me	chanical Fo			İs	140	
Transformer Capacity (		тапринени		5		
Sanctioned Load (Kwh)				9		
Motor Power (HP)				0		
Motor Make			Sien		S	
MCU		Yes		۱۳۰۱	No No	
Earthing of Motor		Yes			No	
Power Wiring		Yes			No	
Service Cable		Yes			No	
Earthing of MCU		Yes			No	







	Integrated D	evelopment and	Asset Mana	agement	Plan (IDAMP)				
		Municipal Com	mittee Baha	walnaga	r				
Form:		Tube Well			Asset Code:				
IDAMP-A1	Asset Co	ndition Assessm	ent			Date: 02-05-2023			
<b>Energy Meter</b>		Yes No							
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
Overall Rating									
Average Score	1	2	3	3	4	5			
Asset	Excellent	Good	Fa	air	Poor	Failing			
Condition									
Category	Α	В	(	2	D	E			
		Remarks	/ Requireme	ents					
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			Julih Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: To	eam Lead		Mayfry Sign & Date: 30 May 2023				

# Municipal Committee Bahawalnagar

Date: 02-05-2023

Asset Code: \_

**Pictures** 

		Integrated I	Developr	nent ar	nd	Asset Mana
			Munici	pal Cor	mn	nittee Baha
Form	ո։		Tube W	'ell		
IDAMP	-A1	Asset Co	ondition	Assessi	me	ent
		Asset De	tail			
Name			For	d Wah	Ol	ld # 24
Location	Latitud			30.00		
	Longit	ude		73.22		
Address					•	Ford wah
. (2.0			Can	_		alnagar
Area (Mar	ia)			1		Non
Working St	Norking Status		Functi	onal	ŗ	Non- Functional
Installation	Installation Year of Tube Well			200		anctional
	nstallation Year of Pump			200		
Capital Cos		-				
Operation		•		6	;	
Delivery	Dia		6′	"		
Pipe	Mater		М	S		
Chlorinato	r		Yes	5		No
				After	6	No
Chlorination Schedule		in a Month		Schedule		
			Year	S		
<u>-</u>	Apron Around Pump House		Yes			No
Hoisting G			Yes			No
Civil Struct			Good	Fa		Poor
Approach t	to Pump		Good	Fa	ir	Poor
Duran Tura		Pump De	talis	Turk	ni m	•
Pump Type				Turb		e
Pump Mak		(Cusos)		KS 0.		
Discharge Rotational				146		
Housing Di				140		
Bore Depti	-			16		
Head (ft.)	. (14.)			20		
	stallatio	on Depth (ft.)		72		
Paint of Pu		-	Good	Fa		Poor
Number	Gate V			1		
of Valves		eturning Valve		1	_	
Base Plate		<b>0</b>	Yes	5		No
		o-Mechanical Ed			ls	
Transform				2.		
Sanctioned	l Load (H	(wh)		14.	92	
Motor Pov	ver (HP)	-		20	0	
Motor Ma	ke			Siem	nen	ıs
MCU			Yes	5		No
	f Motor		Yes	5		No
Earthing of	IVIOLOI					
Earthing of Power Wir			Yes	5		No
	ing					No No







	Integrated D	evelopment and	Asset Mana	agement	Plan (IDAMP)				
		Municipal Com	mittee Baha	walnaga	r				
Form:		Tube Well			Asset Code:				
IDAMP-A1	Asset Co	ndition Assessm	ent			Date: 02-05-2023			
<b>Energy Meter</b>		Yes No							
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
Overall Rating									
Average Score	1	2	3	3	4	5			
Asset	Excellent	Good	Fa	air	Poor	Failing			
Condition									
Category	Α	В	(	2	D	E			
		Remarks ,	/ Requireme	ents					
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			Julih Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: Te	eam Lead		Mayhy Sign & Date: 30 May 2023				

**Pictures** 

		Integrated	Developr	nent a	nd	Asset Mana	gement Plan (ID	AMP)
			Munici	pal Co	mn	nittee Bahav	walnagar	
Form			Tube W					Α
IDAMP	P-A1		ondition	Assess	me			
		Asset De						Pict
Name	T		Foi			d # 23		
Location	Latitud			30.00				
	Longit	uae	۸ سنځ	73.22				
Address					•	Ford wah alnagar	40	
Area (Mar	a)		Can	ai, bai		annagai		
	Working Status			onal		Non- Functional		
Installation	year o	f Tube Well		20		unctional		
	Installation Year of Tube Well Installation Year of Pump				06		100000000000000000000000000000000000000	
		•		20	50			
-	Capital Cost of Machinery Operational Hours			(	5			
Delivery	·				"			
Pipe	Mater	ial			1S		Dame Comme	
Chlorinato	L		Ye	S		No		Bahawalnaga Jonamed Road
			Once	After	6			at 30.005258° ong 73.227101
Chlorinatio	n Sched	lule	in a Year	Mont s	th	No Schedule	Google	02/05/23 04:26
Apron Aro	und Pun	np House	Ye	S		No	學一	
Hoisting G	irder		Ye	S		No		100
Civil Struct	ure Con	dition	Good Fai		ir	Poor		umo
Approach t	to Pump	House	Good	Fa	ir	Poor		
		Pump De	tails					Min 18
Pump Type	9			Turl	oine	е		1
Pump Mak	e			PE	CO			
Discharge				0	.5			
Rotational	-	-		14	60		F	CT -
Housing Di		es)		1			100 100 100 100 100	the state of the s
Bore Deptl	n (ft.)				50		120	1
Head (ft.)		(C.)			00		2/ 1	
-		on Depth (ft.)			2		1	
Paint of Pu	_ · _ ·		Good		ir	Poor		
Number	Gate V				<u> </u>			
of Valves		eturning Valve	Va		L	Na	a	
Base Plate		o-Mechanical Ed	Ye		lc.	No	7	7
Transform			- dipinen		5			40
Sanctioned					2			1
Motor Pov		-			0		<b>达到</b> 斯里	
Motor Ma			1			S		
MCU			Siemens Yes No					
Earthing of	f Motor		Ye			No	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1
Power Wir			Ye			No		
Service Cal			Ye			No		
Earthing of			Ye			No		
							İ	

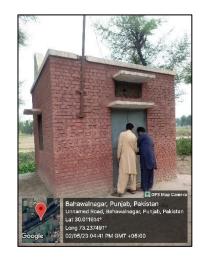






	Integrated D	evelopment an	nd As	sset Mana	gement	Plan (IDAMP)			
		Municipal Con	nmit	tee Baha	walnagai				
Form:		Tube Well				Asset Code:			
IDAMP-A1	Asset Co	ondition Assessment					Date: 02-05-2023		
<b>Energy Meter</b>		Yes		No					
Water Meter		Yes		No					
PFI Equipment		Yes		No					
Generator		Yes		No					
Change Over	Yes		No						
Overall Rating									
Average Score	1	2		(3)	3	4	5		
Asset	Excellent	Good		Fa	ir	Poor	Failing		
Condition									
Category	Α	В		C		D	Е		
		Remarks	s / R	equireme	nts				
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member			-	Julih Sign & Date: 30 May 2023			
Data Checked By:	Designation:	Tean	n Lead		Maylyy Sign & Date: 30 May 2023				

		luse aveste di l	Davelany	nout o	اء ما	Accet Manage	Die	(ID A A A E
		Integrated	Developr	nent a	na	Asset Manag	gement Pla	in (IDAIVIF
			Munici	pal Co	mr	nittee Bahaw	/alnagar	
Form		Asset Co	Tube W		m	ant		
IDAMI	-71	Asset De		A33C33				P
Name		Asset De		rd Wak		ld # 22		F
Ivaille	Latitud	10	101	30.01	_			
Location	Longit			73.23		Bet.		
	5.151t		Arifwa		Ford wah			
Address						alnagar	1	
Area (Mar	a)		5071	1				
•	Working Status			onal		Non-		
			Functi	onai		Functional		
Installation Year of Tube Well				20	00		2 3	
Installation Year of Pump				20	02			
Capital Cos	st of Ma	chinery						
Operation	al Hours			(				
Delivery Dia				6	"		T.	Bahawal
Pipe	Mater	ial		M	1S			Unnamed Lat 30.011 Long 73.2
Chlorinato	r		Ye	s		No	Googl	e 02/05/23
			Once	After	6	No		
Chlorinatio	on Sched	lule	in a	Mont	th	Schedule	100	
			Year	S			7	
Apron Aro		np House	Yes			No		-
Hoisting G			Yes			No		})
Civil Struct			Good	Fa	ir	Poor		V
Approach	to Pump		Good Fair Poor			Poor	A. Carrier	The same
		Pump De	tails					1
Pump Type				Turl				
Pump Mak				PE	-		- 34	- /
Discharge				0.	5			7
Rotational	-	-		-	_			19
Housing Di	-	es)			2			
Bore Deptl	n (ft.)				70			"The
Head (ft.)		- · · · · ·			00			
-		on Depth (ft.)		7				1
Paint of Pu	1		Good		ir	Poor	3	-
Number	Gate V			1				
of Valves		eturning Valve	.,		L	N.	M.	
Base Plate		o Dilashawi I.E	Ye		le-	No		
Tuoneferm		o-Mechanical Ed	uipmeni	Detai	15			1
Transform								
	Sanctioned Load (Kwh)  Motor Power (HP)			otor &	ansformer			
	Motor Power (HP)			- To Motor & Transformer				
Motor Ma				Voc. No.				
MCU	C N A - 4		Yes			No		
Earthing of			Yes			No	3	
Power Wir			Yes			No		1750
Service Cal			Yes			No		
Earthing of	MCU		Yes	S		No		



**Pictures** 





	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form:		Tube Well				Asset	Asset Code:				
IDAMP-A1	Asset Co	Asset Condition Assessment					Date: 02-05-2023				
<b>Energy Meter</b>		Yes		No							
Water Meter	er Yes No										
PFI Equipment		Yes		No							
Generator		Yes	No								
Change Over		Yes		No							
Overall Rating											
Average Score	1	2		3	3	4	5				
Asset	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В		(		D	Е				
		Remark	s/R	equireme	nts						
The tempora	ry non-functionali	ty of the tube v	vell,	due to the	motor u	ınit undergoing rep	air				
Data Collected By	: Mr. Abdullah	Designation: Team Member			-	Julish Sign & Date: 30 May 2023					
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf	ny 1ay 2023				

Integrated	Developr	nent a	nd A	Asset Mana			
	Munici	pal Co	mm	ittee Baha			
Form:	Tube Well						
IDAMP-A1 Asset C	Condition Assessment						
Asset De							
Name	Foi	rd Wah					
Location Latitude		30.01		_			
Longitude		73.23		_			
Address				ord wah			
Avec (Mayle)	Can			lnagar			
Area (Marla)		1	_	Non-			
Working Status	Functi	onal	Fı	unctional			
Installation Year of Tube Well		20		arrotrorrar			
Installation Year of Pump		20					
Capital Cost of Machinery							
Operational Hours		$\epsilon$	5				
Delivery Dia		6	"				
Pipe Material		M	IS				
Chlorinator	Ye	S		No			
	Once	After	6	No			
Chlorination Schedule	in a	Mont	:h	Schedule			
	Year	S					
Apron Around Pump House	Ye			No			
Hoisting Girder	Ye	-		No			
Civil Structure Condition	Good	Fa		Poor			
Approach to Pump House	Good Fair Poor						
Pump De	Lans	Turk	nino				
Pump Type Pump Make		KS					
Discharge Capacity (Cusec)		0.					
Rotational Speed (RPM)	<del>                                     </del>	14	_				
Housing Dia (inches)		14					
Bore Depth (ft.)		17					
Head (ft.)		20					
Impeller Installation Depth (ft.)		7					
Paint of Pumping Unit	Good	Fa		Poor			
Number Gate Valve	5000	1					
of Valves Non-Returning Valve							
Base Plate	Ye:			No			
Electro-Mechanical E			ls				
Transformer Capacity (kVA)	1	00 (Cor		ned)			
Sanctioned Load (Kwh)		1		· · ·			
Motor Power (HP)		2					
Motor Make		Siem	ens	<u> </u>			
MCU				No			
Earthing of Motor			No				
	Ye						
Power Wiring				No			
Power Wiring Service Cable		S					



**Pictures** 

Asset Code: \_





### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Tube Well Asset Code: IDAMP-A1 Asset Condition Assessment** 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** 2 Average Score 3 4 5 Excellent Failing Asset Good Fair Poor Condition Ε Category Α D **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 I	Devel <u>op</u> n	nent a	nd	Asset Mana			
		Ĭ	Munici	pal Co		nittee Baha			
Form			Tube Well Condition Assessment						
IDAMP	P-A1			Assess	me	ent			
		Asset De							
Name	1		For	d Wah	_				
Location	Latitud		30.012724						
	Longit	ude		73.23	_				
Address					-	Ford wah			
Aroa (Mari	Area (Marla)			ai, baii 1		alnagar			
•	Working Status			onal		Non- Functional			
Installation	1 Year o	f Tube Well		20	00				
Installation	1 Year o	f Pump		20	04				
Capital Cos	st of Ma	chinery							
Operation	al Hours			C	)				
Delivery	Dia			6	"				
Pipe	Materi	ial		M	S				
Chlorinato	r		Yes	5		No			
Chlorinatio	Chlorination Schedule			Once After 6 in a Month Year s		No Schedule			
Apron Aro	und Pun	np House	Yes	6		No			
Hoisting G	irder		Yes	5		No			
Civil Struct	ure Con	dition	Good	Fa	ir	Poor			
Approach t	to Pump	House	Good	Fa	ir	Poor			
		Pump De	tails						
Pump Type				Turk		<u> </u>			
Pump Mak				PE	CO				
Discharge				0.	5				
Rotational				-					
Housing Di		s)		1					
Bore Deptl	h (ft.)			17					
Head (ft.)				20					
		on Depth (ft.)		7.					
Paint of Pu			Good	Fa		Poor			
Number	Gate V			1					
of Valves		eturning Valve		1					
Base Plate			Yes			No			
- 1		o-Mechanical Ed	quipment	Detai	IS				
Transform									
Sanctioned		(wh)		No M	lot	or			
Motor Pov									
Motor Ma						No			
MCU	arthing of Motor			Yes					
			Yes		No No				
Power Wir	_		Yes			No			
Service Cal			Yes			No			
Earthing of	IVICU		Yes	<b>,</b>		No			



**Pictures** 





	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form:		Asset	Code:								
IDAMP-A1	Asset Co	ondition Assess	ment		Date: 02-05-2023						
<b>Energy Meter</b>	ter 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	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В				D	Е				
		Remark	cs / R	equireme	nts						
The tempora	ry non-functional	ity of the tube	well,	due to the	motor u	ınit undergoing rep	air				
Data Collected By	Data Collected By: Mr. Abdullah			Designation: Team Member			1h 1ay 2023				
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Sign & Date: 30 N	ing .				

					_				( ·
		Integrated	Developr	nent a	nd /	Asset Mana	gemen	Plan	(IDAMP)
			Munici	pal Co	mm	ittee Bahav	walnaga	ır	
Form	ո։		Tube W	/ell				Д	
IDAMP	-A1	Asset Co	ondition	Assess	me	nt			
		Asset De	tail						Pict
Name			For	d Wał	n Old	d # 19			
Location	Latitud	de		30.01	.386	52			
Location	Longit	ude		73.24	128	36		annua distin	
Address			Arifwa	ala Roa	id, F	ord wah		1	
Audress			Can	al, Bah	awa	alnagar			
Area (Mar	la)				L				-
Working St	tatus		Functi	onal	F	Non- unctional			2
Installation	ı Vear o	f Tube Well		20	00	arictional			
Installation					02				
Capital Cos		•		20	υZ				
Operation		-			<u> </u>				
Delivery	Dia	,			<u>"</u>			- 1.71	N Comment
Pipe	Mater	ial			1S				Bahāwalnaga 267V+74, Bahāwal Lat 30.013862°
Chlorinato			Ye		.5	No		Google	Long 73.241286° 02/05/23 05:03 Pf
Ciliorinato	•		Once	After	6	110		details.	
Chlorinatio	n Sched	dule	in a	Mon		No	1		100
			Year s			Schedule			- 6
Apron Aro	und Pun	np House	Yes			No			
Hoisting G			Yes No			No			
Civil Struct	ure Con	dition	Good	Fa	air	Poor			
Approach	to Pump	House	Good Fair		Poor				
		Pump De	tails						
Pump Type	9			Turl	bine	<u> </u>		The same	-1-7
Pump Mak	e			PE	СО			-	
Discharge	Capacity	(Cusec)		0	.5				
Rotational	Speed (	RPM)		14	60				
Housing Di	ia (inche	es)		1	2				
Bore Deptl	h (ft.)			17	70				
Head (ft.)				20	00		'		
		on Depth (ft.)		7	2				A
Paint of Pu			Good	Fá	air	Poor		H	
Number	Gate V				<u>l</u>			N	Can
of Valves		eturning Valve			l			Y	000
Base Plate			Yes			No			
		o-Mechanical Ed	quipment					U	
Transform					5				K
Sanctioned					9				0
Motor Pov				0			-		
Motor Ma	ke		PECO					-	
MCU			Yes			No			-
	arthing of Motor			S		No			
Power Wir	_		Yes			No		Agrana .	
Service Cal			Yes			No			
Earthing of	MCU		Yes	S		No			



**Pictures** 





	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1							Code: Date: 02-05-2023				
Energy Meter		Yes No									
Water Meter											
PFI Equipment		Yes		No							
Generator		Yes		No							
Change Over		Yes		No							
Overall Rating											
Average Score	1	2		(1)	3	4	5				
Asset Condition	Excellent	Good		Fa	nir	Poor	Failing				
Category	Α	В		(	2	D	E				
		Remark	s/R	equireme	nts						
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			-	Junt Sign & Date: 30 N					
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayf	ny 1ay 2023				

**Pictures** 

		Integrated I	Developr	nent a	nd	Asset Mana	gement	Plan (IDAN	ΛP)
			Munici	pal Co	mn	nittee Bahav	walnaga	r	
Form		Asset Co	Tube W		me			Α	
15711011	/ 12	Asset De		- 13303					Pict
Name		Asset De		rd Wal	n Ω	ld # 18			rict
Name	Latitud	le .	101	u vvai	10	10 # 10			
Location	Longit								
	2011810		Arifwa	ala Roa	ad.	Ford wah			
Address						alnagar			
Area (Marl	a)				1				
Working St				Aban	dor	ned			
Installation	1 Year o	f Tube Well							
Installation	1 Year o	f Pump							
Capital Cos									
Operationa	al Hours								
Delivery	Dia								
Pipe	Mater	ial							
Chlorinato	r		Yes	S		No			
			Once	After	6	No		WAL.	7. 64
Chlorinatio	n Sched	lule	in a	Mon	th	Schedule			
			Year	S		Scricadic			
Apron Aro		np House	Yes			No	<b>A</b>		
Hoisting G			Yes			No			The state of the s
Civil Struct			Good	Fa	air	Poor			KILL IN
Approach t	to Pump		Good	Fa	air	Poor	The same		
		Pump De	tails						
Pump Type									4
Pump Mak		(0 )							
Discharge								<u>.</u>	
Rotational									
Housing Di		is)							
Bore Depth	1 (π.)								
Head (ft.)	stallatio	n Donath /ft \							
-		on Depth (ft.)	Cood	Т г.		Poor		7-2	ly je
Paint of Pu	Gate V		Good	Г	air	POOI		Self Fry College Car was	
of Valves		eturning Valve							
Base Plate	NOII-N	eturning valve	Ye	•		No			
Dasc Flate	Flectr	o-Mechanical Ed			ils	140			
Transform			<del>Jui Piniem</del>	Deta					
Sanctioned									
Motor Pow		,							
Motor Mal									
MCU			Yes	 S		No			
	Earthing of Motor			Yes		No			
Power Wir			Yes			No			
Service Cal			Yes			No			
Earthing of			Yes			No			
Energy Me			Yes	5		No			



	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form:		Tube Well				Asset	Asset Code:				
IDAMP-A1	Asset Co	ndition Assessi	ment				Date: 02-05-2023				
Water Meter		Yes		No							
PFI Equipment											
Generator		Yes		No							
Change Over		Yes		No							
Overall Rating											
Average Score	1	2	2 3			4	5				
Asset	Excellent	Good		Fair		Poor	Failing				
Condition											
Category	Α	В		C	<u> </u>	D	E				
		Remarks / Requirements									
Whole Buildi	ng was collapsed										
Data Collected By	Designation: Team Member				Julish Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead				Mayf	1ay 2023				

		Integrated	Developr	nent ar	nd	Asset Mana	gement	Plan	(IDAMP
			Munici	pal Cor	nn	nittee Bahav	valnaga	ır	
Form IDAMP		Asset Co	Tube Wondition						
		Asset De	tail						Pic
Name			Foi	rd Wah	OI	d # 17			
1	Latitud	le		30.01	60	81			
Location	Longit	ude		73.24	47	85		-	
A -1 -1			Arifwa	ala Roa	d,	Ford wah		549	
Address			Can	al, Bah	aw	alnagar		- 6	
Area (Mar	la)			1					<b>新疆</b>
Working St	tatus		Functi	onal	F	Non- unctional		4	18.
Installation	n Year o	f Tube Well		198	85				
Installation	1 Year o	f Pump		198	86			No.	
Capital Cos	st of Ma	chinery							LA
Operation	al Hours			6	j			17	
Delivery	Dia			6'	,				Bahawalna
Pipe	Mater	ial		М	S			3	Lat 30.01608
Chlorinato	r		Ye:	S		No		Google	02/05/23 05
Chlorinatio	Chlorination Schedule			After Mont s		No Schedule			
Apron Aro	und Pun	np House	Year s No			No			
Hoisting G		· · · · · · · · · · · · · · · · · · ·	Yes No					7	/4
Civil Struct		dition	Good Fair Poor					4	
Approach			Good	Fa	ir	Poor		4	
		Pump De	tails						Maria
Pump Type	9	-		Turb	oine	9			
Pump Mak	æ			KS	В				
Discharge	Capacity	(Cusec)		0.	5				
Rotational				146	60				
Housing Di	ia (inche	es)		12	2			10	
Bore Depti	n (ft.)			17	0		16	7	
Head (ft.)				20	0		'	3000	
Impeller In	stallatio	on Depth (ft.)		72	2		-	1	
Paint of Pu	ımping l	Jnit	Good	Fa	ir	Poor		"F" FA.	
Number	Gate V	alve alve		1				7	
of Valves	Non-R	eturning Valve		1					
Base Plate			Ye	S		No			
	Electr	o-Mechanical Ed	quipmen	t Detail	s				-
Transform	er Capa	city (kVA)	1	00 (Cor	nb	ined)			1
Sanctioned	l Load (H	(wh)		14.			SI MAN	1 4	
Motor Pov	ver (HP)			20		1	F		
Motor Ma	ke			S					
MCU			Ye	S		No		14	
Earthing of	f Motor		Ye	S		No			1
Power Wir	ing		Ye	S		No			
Service Cal	ble		Ye	S		No			
Earthing of	f MCU		Ye	s		No			



**Pictures** 

Asset Code: \_





	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form:		Asset	: Code:								
IDAMP-A1	Asset Co	ndition Assessm		Date: 02-05-2023							
<b>Energy Meter</b>		Yes	No								
Water Meter	r Meter Yes No										
PFI Equipment											
Generator		Yes	No								
Change Over		Yes	No								
Overall Rating											
Average Score	1	2	3	3	4	5					
Asset	Excellent	Good	Fa	air	Poor	Failing					
Condition											
Category	Α	В	(	2	D	Е					
		Remarks	/ Requireme	nts							
No remarks											
Data Collected By	: Mr. Abdullah	Designation: Team Member			Julsh Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation: Team Lead			Sign & Date: 30 May 2023						

		Integrated I	Developn	nent a	nd	Asset Mana			
			Munici	pal Co	mn	nittee Baha			
Form		Accet Co	Tube Well Condition Assessment						
IDAIVIP	-A1	Asset Co		ASSESS	me	ent.			
Name		Asset De		d Wah	. OI	d # 16			
	Latitud	de	Ford Wah Old # 16 30.018042						
Location	Longit			73.24					
			Arifwa	ala Roa	ıd, I	Ford wah			
Address			Cana	al, Bah	aw	alnagar			
Area (Marla)				1	L				
Working Status			Function	onal	F	Non- unctional			
Installation	1 Year o	f Tube Well		20					
Installation	n Year o	f Pump		20	07				
Capital Cos	st of Ma	chinery							
Operation	al Hours			6	5				
Delivery	Dia			6	"				
Pipe	Mater	ial		M	IS				
Chlorinato	r		Yes			No			
<b></b>	6.1		Once	After		No			
Chlorinatio	on Sched	iuie	in a Year	Mont s	n	Schedule			
Apron Aro	und Pun	np House	Yes			No			
Hoisting Gi		p	Yes			No			
Civil Struct		dition	Good	Fa	ir	Poor			
Approach t			Good	Fa		Poor			
		Pump De							
Pump Type	2			Turl	oine	2			
Pump Mak	e			FI	기				
Discharge (	Capacity	(Cusec)		0.	5				
Rotational	Speed (	RPM)		14	60				
<b>Housing Di</b>		es)		1	2				
Bore Deptl	h (ft.)			17	70				
Head (ft.)				20					
		on Depth (ft.)		7					
Paint of Pu	1		Good	Fa		Poor			
Number	Gate V			1					
of Valves		eturning Valve		1	L				
Base Plate		20 1 1 1 1	Yes			No			
Tunis		o-Mechanical Ed				in a al\			
	Transformer Capacity (kVA) Sanctioned Load (Kwh)					ined)			
		•		29					
Motor Pow				Sion					
Motor Mal				Siemens Yes No					
MCU Farthing of	Earthing of Motor								
Power Wir			Yes		No No				
Service Cal			Yes Yes		No				
Earthing of			Yes			No No			
cartiling 01	IVICU		res	•		INU			



**Pictures** 





	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form:	1000						: Code:				
IDAMP-A1	Asset Co	Asset Condition Assessment					Date: 02-05-2023				
Energy Meter		Yes		No							
Water Meter	ter Meter Yes No										
PFI Equipment		Yes		No							
Generator		Yes		No							
<b>Change Over</b>		Yes		No							
Overall Rating											
Average Score	1	2 3				4	5				
Asset	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В		C		D	Е				
		Remark	s/R	equireme	nts						
No remarks											
Data Collected By	Designation: Team Member				Jufoh Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation:	Tean	n Lead		Mayhy Sign & Date: 30 May 2023					

### B. Filtration Plant

Sr #	Name	Age (Years)	Туре	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:					on Plant		Asset	Code:	
IDAMP-A	4					Assessme	ent		Date: 02-05-2023
Name			City	City Filtration Plant				Pictures	
Location —	atitud				00756				
	ongitu	ude			58584				
Address					j Park			The second second	
Installation Yea					800			Bahāwalnagar, Punjab, Pa	GPS Map Camera
Installing Agen	ncy				IED			X7XC+66R, Bypass, Hussain Abad E Punjab, Pakistan	Bahāwalnagar, Bahawalnagar,
O&M Agency					1C		Google	Lat 29.999145° Long 73.271129° 03/05/23 11:44 AM GMT +05:00	
Filtration Capa		Liter/Hour)			000		San San San San San San San San San San	05/05/23 11:44 AM GM 1 +05:00	
Operational Ho	ours				.2		100 / 1 A	WANDAWASH	
No. of Taps	L A	ilahla\			8 vailab				7
Effluent Test (I Latest water			N	IOT AV	/ailab	е			
carried out?	quail	ty allalysis			-			-11	GPS Map Camera
	nich	lab and						Bahāwalnagar, Punjab, Pa	kistan
parameters?			X7XC-66R, Bypass, Hussain Abad Bahāwalnagar, Bahawalnagar, Punjab, Pakistan Lat 29,999145°						
_	wat	er quality			-		Google	Long 73.271129° 03/05/23 11:44 AM GMT +05:00	
analysis? In case of any p	naram	neter above							
the permissib								1	12
steps are taken to provide safe									
water?									
Plant Type			RO UV					6	GPS Map Camera
Source of Wate	er		Local Tube Public Water Well Supply			upply		Bahāwalnagar, Punjab, Pa X7XC+66R, Bypass, Hussain Abad E Punjab, Pakistan Lat 29.999145°	IKISTAN Jahāwalnagar, Bahawalnagar,
Working Status	S		Functional Non- Functional				Google	Long 73.271129° 03/05/23 11:44 AM GMT +05:00	
Pumping Unit			Yes No			No			
Control Panel			Yes No			No	M. Commission		
Service Cable			Yes			No			
Ultraviolet Lan			Yes		No		13		ICI COS LA CO
Takeaway Hall			Good		air	Poor	No. of Lot, House, etc., in such such such such such such such such	Bahāwalnagar, Punjab, Pa	
Building Struct	ture C	Condition	Good Fai		air Poor		7	X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan Lat 29.999145°	sanawainagar, Bahawainagar,
Approach to Pu	ump l	House	Good	Fa	air	Poor	Google	Long 73.271129° 03/05/23 11:45 AM GMT +05:00	
Overall Rating									
Average Sco				2	ــا		3 Fair	<u>4</u>	5 Failing
Asset Conditi								Poor	Failing
Category	A		Bom	arka /	Pogrijes	C	D	E	
No remark	Remarks / Requirements								
Data Collected	Designation: Team Memb				ber	Jul	gh.		

		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	Water Filtration Plant						Code:		
IDAMP	Asset Condition Assessme				ent		Date: 02-05-2023		
Name			ŀ		maba	d		Pictures	
Location	Latitu		30.007037						
	Longit	ude	73.266958				i i		
Address			Khadamadam, Bahawalnagar						
Installation	Year				airiaga )08	31		Bahāwalnagar, Punjab, Pal	GPS Map Camera
Installing Ag					1C			2748+VQ3, Bahāwalnagar, Bah Lat 30.007037°	
O&M Agenc	У			N	1C		Google	Long 73.266958° 03/05/23 11:54 AM GMT +05:0	00
Filtration Ca	pacity	(Liter/Hour)		20	000		COLUMN TO THE PARTY OF THE PART		
Operational	Hours			1	2		1-4-4-		
No. of Taps					8				
Effluent Tes	t (If Ava	ailable)	ľ	lot A	/ailabl	e			
	_	ity analysis			_		200		GPS Map Camera
carried out?		lab and	-				•	Bahāwalnagar, Punjab, Pal 2748+VQ3, Bahāwalnagar, Bah	
If yes, parameters	which ?	iau aliu	-					Lat 30.006986° Long 73.26711°	
-	•							03/05/23 11:54 AM GMT +05:0	00
analysis?			-						
In case of an									4
-	the permissible limit, which steps are taken to provide safe			_					
water?									
Plant Type			RO UV			UV		Bahāwalnagar, Punjab, Pa	GPS Map Camera kistan
Source of W	ater		Local Tube Public Water					2749+V3W, Minchinabad - Bahawain Bahawainagar, Punjab, Pakistan Lat 30.007007°	agar Rd, Bahāwalnagar,
			Well Supply Non-		Google	Long 73.267332° 03/05/23 11:56 AM GMT +05:00			
Working Sta	tus		Functional Functional			-			
Pumping Un	it		Yes			No		A SUMMAN AND AND AND AND AND AND AND AND AND A	
Control Pan			Yes No			No			
Service Cabl	е		Yes			No			
Ultraviolet L	.amp/C	hlorinator	Yes			No			GPS Map Camera
Takeaway H	all Con	dition	Good	Fa	air	Poor	•	Bahāwalnagar, Punjab, Pal 2748+VQ3, Bahāwalnagar, Bah	
Building Str	ucture (	Condition	Good	Fa	air	Poor		Lat 30.006966° Long 73.267222°	
Approach to	Approach to Pump House			Fa	air	Poor	Google	03/05/23 11:57 AM GMT +05:0	00
						all Rating			
Average Score 1			2			3	4	5	
	Asset Condition Excellent		:	Goo	d		Fair	Poor	Failing
Catego	ry	A		В			С	D	E
	Remarks / Requirements								
No rem									
Data Collected By: Mr. Abdullah			Designation: Team Memb				ber	Jule	9h

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

	Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar									
Form	Form:					n Plant		Asset Code:		
IDAMP-A4			Asset	Cond	ition A	ssessme	ent		Date: 02-05-2023	
Name			(	Ghalla Mandi				Pictures		
Location	Latitu		30.002049					_		
	Longit	ude	73.261523					000	do Comment	
Address			Ghalla Mandi,					8367 8A E		
Installation	Year		Bahawalnagar 2016					Bahāwalnagar, Punjab, Pa	GPS Map Camera	
Installing Ag					1C			2726+QR5, Bahāwalnagar, Baha Lat 30.002049°		
O&M Agenc				N	1C		Google	Long 73.261523° 03/05/23 12:06 PM GMT +05:0		
Filtration Ca	pacity	(Liter/Hour)		20	000		dial along			
Operational	Hours			1	.2			المنافل إعداق	7	
No. of Taps				!	5					
Effluent Tes	t (If Ava	ailable)	١	lot Av	/ailable	<u>)</u>				
	-	ity analysis			_				GPS Map Camera	
If yes,	which	lab and						Bahāwalnagar, Punjab, Pa 2726+QR5, Bahāwalnagar, Baha		
parameters		iab allu	-					Lat 30.002037° Long 73.261578°		
	f wat	er quality	_				Google	03/05/23 12:06 PM GMT +05:0		
analysis?										
		meter above imit, which								
-		provide safe								
water?									9	
Plant Type			RO UV			<u> </u>		Bahāwalnagar, Punjab, Pa		
Source of W	ater		Local Tube Public Wate					2726+QR5, Bahawalnagar, Baha Lat 30.002019° Long 73.26163°	awalnagar, Punjab, Pakistan	
			Well Suppl			Google	03/05/23 12:06 PM GMT +05:0			
Working Sta	tus		Functional Functional			-				
Pumping Un	it		Yes			No				
Control Pan	el		Yes			No			1977	
Service Cabl			Yes			No		WEST	8	
Ultraviolet L			Yes			No		Dahawanan Duniah Da	GPS Map Camera	
Takeaway H			Good		air	Poor		Bahāwalnagar, Punjab, Pa 2726+QR5, Bahāwalnagar, Baha Lat 30.002021°		
Building Structure Condition		Good Good			Poor	Google	Long 73.261636° 03/05/23 12:07 PM GMT +05:00			
Approach to	Approach to Pump House			Fa	air	Poor	1			
Avorago	corc	1		2	Overa	II Rating	3	4	5	
	Average Score 1 Asset Condition Excellent			Goo	d		ာ Fair	Poor	Failing	
	Category A			В	u		C	D	E	
221280	7				arks /	Requiren				
No rem	narks					- 1000				
No remarks  Data Collected By: Mr. Abdullah			Designation: Team Memb			ım Meml	ber	er Juloh		

		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: **Water Filtration Plant** Asset Code: **IDAMP-A4 Asset Condition Assessment** Date: 02-05-2023 Name Aamir Jan Park **Pictures** Latitude 30.009056 Location 73.258492 Longitude Aamir Jan Park, **Address** Bahawalnagar **Installation Year** 2010 MC **Installing Agency** MC **O&M Agency** Filtration Capacity (Liter/Hour) 2000 **Operational Hours** 12 No. of Taps 9 **Effluent Test (If Available)** Not Available Latest water quality analysis carried out? which yes, 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 Local Tube **Public Water Source of Water** Well Supply Non-**Working Status Functional** Functional **Pumping Unit** Yes No **Control Panel** No Yes **Service Cable** Yes No **Ultraviolet Lamp/Chlorinator** No Yes **Takeaway Hall Condition** Good Fair Poor **Building Structure Condition** Good Fair Poor **Approach to Pump House** Good Fair Poor **Overall Rating** 2 3 4 Average Score 1 5 **Asset Condition** Excellent Good Fair Poor Failing C D Ε Category Α Remarks / Requirements No remarks Data Collected By: Mr. Abdullah Designation: Team Member

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Bahawalnagar								
	Asset Code: Date: 02-05-2023							
	7.55ct condition 7.55c55ment	Sign & Date: 30 May 2023						
M. Fiaz	Designation: Team Lead	Sign & Date: 30 May 2023						
		Municipal Committee Bahawalnaga  Water Filtration Plant Asset Condition Assessment						

	Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Bahawalnagar									
Form: IDAMP-	Water Filtration Plant Asset Condition Assessment				ent	Asset	Code: Date: 02-05-2023		
Name	Civil Club					Pictures			
	30.011866					The state of the s			
Location	Longit	tude	73.255879						3
Address			Civil Cl	ub, Ba	hawa	alnagar		No.	
Installation Y	'ear			20	00				GPS Map Camera
Installing Age	ency			PH	ED			Bahāwalnagar, Punjab, Pal 2763+QWG Session Court, DC Office	e Rd, Officer Colony
O&M Agency	/			M	С			Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011866° Long 73.255879°	, Pakistan
Filtration Cap	acity	(Liter/Hour)		20	00		Google	03/05/23 12:26 PM GMT +05:00	
Operational	Hours			1	2		W.	and the same of th	
No. of Taps				8	3			* # #	98
Effluent Test	(If Ava	ailable)	N	lot Av	ailabl	e		The fall of	
Latest water carried out?	r qual	lity analysis		-					☐ GPS Map Camera
	vhich	lab and		_				Bahāwalnagar, Punjab, Pal 2763+QWG Session Court, DC Office	Rd, Officer Colony
parameters? Findings of	wat	ter quality						Bahāwainagar, Bahawainagar, Punjab 2 Lat 30.011719° Long 73.255869°	, Pakistan
analysis?	wa	ter quality	-				Soogle	03/05/23 12:27 PM GMT +05:00	
In case of any	/ parar	meter above							
the permiss		-	-				e bedlen		
steps are tak water?	steps are taken to provide safe								
Plant Type			RO UV						
	_		Local Tube Public Water			~ .		Bahāwalnagar, Punjab, Pa	
Source of Wa	ater		Well Supply			upply		2763+QW9 Session Court, DC Office Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011718°	
Working Stat	tus		Functional Non- Functional				Google	Long 73.255894° 03/05/23 12:29 PM GMT +05:00	
Pumping Uni	t		Yes No			No			
Control Pane	el		Yes			No			1
Service Cable	•		Yes			No		The same of the sa	U
Ultraviolet La	amp/C	hlorinator	Yes			No			
Takeaway Ha	all Con	dition	Good	Fa	ir	Poor		Bahāwalnagar, Punjab, Pal	
Building Stru	cture	Condition	Good	Fa	ir	Poor		2763+QWG Session Court, DC Office Bahāwalnagar, Bahawalnagar, Punjab	Rd, Officer Colony
Approach to Pump House			Good	Fa		Poor	Google	Lat 30.011715° Long 73.255892° 03/05/23 12:29 PM GMT +05:00	
	ı				Over	all Rating			
Average Sc		1		2			3	4	5
Asset Condition Excellent			:	Good	7		Fair	Poor	Failing
Categor	A	В				С	D	E	
. NI.	- ul · -			кета	irks /	Requirer	nents		
No rema  Data Collecte	Designation: Team Member				per Juloh		9h		
						ı			

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

	Integrated Development And Asset Management Plan (IDAMP)								
			Mun	icipal	Comm	ittee Ba	hawalnaga	r	
Form:						on Plant		Asset	Code:
IDAMP-A	Asset	Cond	lition A	Assessme	ent		Date: 02-05-2023		
Name					Colon	У		Pictures	
Location	Latitu				04620		- A		
	Longit	ude			45712		e il		A F
Address			Faisal Colony, Bahawalnagar						
Installation Y	ear			20	)16			Bahāwalnagar, Punjab, Pa	
Installing Age	ncy			Ν	1C			Quresh Colony Rd, Bahāwainagar, E Lat 30.00462° Long 73.245712°	ahawainagar, Punjab, Pakistan
O&M Agency	•			Ν	1C		Google	03/05/23 12:40 PM GMT +05:00	
Filtration Cap	acity (	(Liter/Hour)		20	000				
Operational H	lours			1	.2		10/003	MEASTERN WATER	1920 1 1808
No. of Taps					6		A COLOR	THE STATE ST	101091010910109
Effluent Test			I	Not A	/ailabl	е			
Latest water carried out?	qual	ity analysis			-		Design makes		GPS Map Camera
-	hich	lab and						Bahāwalnagar, Punjab, Pa Quresh Colony Rd, Bahāwalnagar, E Lat 30.00463°	
parameters?					-			Long 73.245726° 03/05/23 12:41 PM GMT +05:00	
Findings of	wat	er quality	-				300gle		MILITER TO SELECT
analysis?								10	
In case of any the permissi	-								52 15
steps are take		-	_						TOT Line
water?									WI Line
Plant Type			RO			UV		Bahāwalnagar, Punjab, Pa Quresh Colony Rd, Bahāwalnagar, B	GPS Map Camera kistan
Source of Wa	ter			Local Tube Well		ic Water upply		Lat 30.00464° Long 73.245801° 03/05/23 12:41 PM GMT +05:00	
Working State	us		Functional		Non- Functional		Google	03/03/23 12:41 PM GM1 +03:00	
Pumping Unit	t		Yes	5		No	1		
<b>Control Panel</b>			Yes	5		No			
Service Cable			Yes	5		No	1		S
Ultraviolet La	mp/C	hlorinator	Yes	3		No	AMERICA STORE		GPS Map Camera
Takeaway Ha	II Con	dition	Good	F	air	Poor		Bahāwalnagar, Punjab, Pa Quresh Colony Rd, Bahāwalnagar, E Lat 30.004656°	
Building Struc			Good		air	Poor		Long 73.245802°  03/05/23 12:41 PM GMT +05:00	
Approach to I	Pump	House	Good	F	air	Poor	Jodgie J		
					Overa	all Rating		_	_
Average Sco		1 Eventlent		<u>2</u>	al		3	4	5 Failing
Asset Condi		Excellent A		Goo B	u		Fair C	Poor D	Failing E
Category	<u> </u>	A			arks /	Requirer		U U	<u> </u>
No rema	arks			Kelli	ui ko /	Requirer	iiciit3		
No remarks  Data Collected By: Mr. Abdullah			Designation: Team Memb			am Mem	ber	Jul.	S.h

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Bahawalnagar							
Form: IDAMP-A4								
IDAINI XI		Asset Condition Assessment	Sign & Date: 30 May 2023					
Data Checked By: Mr.	M. Fiaz	Designation: Team Lead	Mushy Sign & Date: 30 May 2023					

	Integrated Development And Asset Management Plan (IDAMP)									
			Muni	cipal	Comm	ittee Bal	hawalnagai	r		
Form IDAMP				on Plant	ant.	Asset	Code: Date: 02-05-2023			
Name	-74		Asset Condition Assessme Al-Quresh Colony					Pictures	Date: 02-03-2023	
Ivaille	Latitud	40	30.000913					S/A\\\- b cal 491	Km // 67/	
Location	Longit				15282					
	Longit	uuc			h Colo	nv				
Address					alnaga	-				
Installation	Year			20	16			Bahāwalnagar, Punjab, Pa		
Installing Ag	gency			N	1C			262W+652, Quresh Colony Rd, Bahā Pakistan Lat 30.000913°	iwalnagar, Bahawalnagar, Punjab,	
O&M Agend	у			N	1C		Google	Long 73.245282° 03/05/23 12:55 PM GMT +05:00		
Filtration Ca	pacity (	Liter/Hour)		20	00					
Operationa	Hours			1	2					
No. of Taps				ļ	5		FILES			
Effluent Tes	t (If Ava	ilable)	N	lot Av	ailable	5	1-11	A STATE OF THE STA		
Latest water	•	ity analysis			_				GPS Map Camera	
carried out?		lah and						Bahāwalnagar, Punjab, Pa 262W+652, Quresh Colony Rd, Bahā	kistan awalnagar, Bahawalnagar, Punjab,	
If yes,	which ?	lab and			-		V	Pakistan Lat 30.001014°		
•	f wat	er quality					Google	Long 73.245363° 03/05/23 12:54 PM GMT +05:00	-3311	
analysis?		. ,	-							
		neter above								
the permis		-	_				The same			
water?	ken to p	noviue sale								
Plant Type			RO			UV		Bahāwalnagar, Punjab, Pa		
Source of W	/ater		Local T			c Water		262W+652, Quresh Colony Rd, Baha Pakistan Lat 30.000973°	iwalnagar, Bahawalnagar, Punjab,	
			Wel			ipply Ion-	Google	Lat 30.000973" Long 73.245386° 03/05/23 12:54 PM GMT +05:00		
Working Sta	itus		Functio	nal	-	ctional	Name of the last o			
Pumping Ur	nit		Yes			No				
Control Pan	el		Yes			No				
Service Cab	le		Yes			No		To The	7/	
Ultraviolet I	Lamp/Cl	hlorinator	Yes			No	-		GPS Map Camera	
Takeaway H	Iall Cond	dition	Good	Fa	air	Poor		Bahāwalnagar, Punjab, Pa 262W+652, Quresh Colony Rd, Bahā Pakistan		
Building Str			Good	Fa	air	Poor		Lat 30.000975° Long 73.245341°		
Approach to	Pump	House	Good	Fa	air	Poor	Joogle	03/05/23 12:55 PM GMT +05:00		
					Overa	II Rating	·			
Average S		1		2			3	4	5	
Asset Con		Excellen A	t	Goo	d		Fair	Poor	Failing	
Catego		В			С	D	E			
				Rema	arks / I	Requirer	nents			
No ren	narks		1					I		
Data Collect	Data Collected By: Mr. Abdullah			gnatic	on: Tea	ım Memi	ber	July	9,h	
								1	-	

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Bahawalnagar							
Form: IDAMP-A4								
			Sign & Date: 30 May 2023					
Data Checked By: Mr. M. Fiaz		Designation: Team Lead	Mantha					
			Sign & Date: 30 May 2023					

	Integrated Development And Asset Management Plan (IDAMP)							
		Munic	cipal (	Comn	nittee Ba	hawalnagai	r	
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessmen				ent	Asset	Code: Date: 02-05-2023
Name		Z.A Say					Pictures	
Latit	ude			3544				
Location	itude			16762			V	
	•	Z.A	Sayye	d Col	ony,			
Address		В	ahaw	alnag	ar		Description of the second	GPS Map Camera
Installation Year			20	80			Bahāwalnagar, Punjab, Pa x6vW+FHQ, Chishtian Rd, Bahāwaln	kistan
Installing Agency				1C			Pakistan Lat 29.993544°	
O&M Agency			N	1C		Google	Long 73.246762° 03/05/23 01:06 PM GMT +05:00	
Filtration Capacity			20	00				
Operational Hour	S			2		1 1 1		
No. of Taps			8			All the state of	Market "	
Effluent Test (If A		N	ot Av	ailabl	е	12/	1127	Y
Latest water qua	ality analysis			-		THE BUE LANDS		GPS Map Camera
If yes, which	lab and						Bahāwalnagar, Punjab, Pa X6VW+FHQ, Chishtian Rd, Bahāwaln Pakistan	
parameters?				-			Lat 29.993574° Long 73.246765°	
_	ater quality	_				500gle	03/05/23 01:06 PM GMT +05:00	
analysis?								
In case of any para the permissible								
steps are taken to		_						
water?								32
Plant Type		RO			UV		Bahāwalnagar, Punjab, Pa	
Source of Water		Local Tu			blic Water		X6VW+GP3, Wuqla Colony Bahāwaln Pakistan Lat 29.99359°	nagar, Bahawalnagar, Punjab,
		Well			<mark>upply</mark> Non-	Google	Long 73.246887° 03/05/23 01:06 PM GMT +05:00	M
Working Status		Functio	nal		nctional		5.	To bear to
Pumping Unit		Yes			No	14/1/	1	
Control Panel		Yes			No	MARKET .	1	
Service Cable		Yes		No		1000	MILL	
Ultraviolet Lamp/	<b>Chlorinator</b>	Yes			No			GPS Map Camera
Takeaway Hall Co	ndition	Good	Fa	air	Poor		Bahāwalnagar, Punjab, Pa X6VW+GP3, Wuqla Colony Bahāwaln	
<b>Building Structure</b>	Condition	Good	Fa	air	Poor		Pakistan Lat 29.993584° Long 73.24685°	The state of the s
Approach to Pum	p House	Good	Fa	air	Poor	Google	03/05/23 01:07 PM GMT +05:00	
				Over	all Rating			
Average Score	1		2			3	4	5
Asset Condition	Excellent	:	Good			Fair	Poor	Failing
Category	А		В			С	D	E
			Rema	arks /	Require	ments		
No remarks								
Data Collected By:	Data Collected By: Mr. Abdullah			on: Te	am Mem	ber	Jul.	Sh.

	Integrated Development And Asset Management Plan (IDAMP)						
	Municipal Committee Bahawalnagar						
Form: Water Filtration Plant Asset Code: IDAMP-A4 Asset Condition Assessment 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: **Water Filtration Plant** Asset Code: **IDAMP-A4 Asset Condition Assessment** Date: 02-05-2023 Name Nizam Pura Filtration Plant **Pictures** 29.993602 Latitude Location 73.246841 Longitude **Address** Nizam Pura, Bahawalnagar **Installation Year** 2016 nāwalnagar, Punjab, Pakistan MC **Installing Agency O&M Agency** MC 2000 Filtration Capacity (Liter/Hour) 03/05/23 01:20 PM GMT +05:00 **Operational Hours** 12 6 No. of Taps **Effluent Test (If Available)** Not Available Latest water quality analysis carried out? yes, which lab 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 **Local Tube Public Water** Bahāwalnagar, Punjab, Pakistan **Source of Water** Well Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No **Ultraviolet Lamp/Chlorinator** Yes No **Takeaway Hall Condition** Good Poor Fair **Building Structure Condition** Good Fair Poor Approach to Pump House Good Fair Poor **Overall Rating** 2 3 4 5 Average Score 1 Poor **Asset Condition** Excellent Good Fair Failing В D Α Ε Category **Remarks / Requirements** No remarks Data Collected By: Mr. Abdullah Designation: Team Member

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

#### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Water Filtration Plant Asset Code: IDAMP-A4 Asset Condition Assessment** Date: 02-05-2023 Name Model Town **Pictures** Latitude 29.977562 Location 73.257070 Longitude **Address** Model Town, Bahawalnagar **Installation Year** 2008 Bahāwalnagar, Punjab, Pakistan MC **Installing Agency** X7H4+2RM, Bahās Lat 29.977562° **O&M Agency** MC ong 73.25707° 03/05/23 01:31 PM GMT +05:00 Filtration Capacity (Liter/Hour) 2000 **Operational Hours** 12 8 No. of Taps **Effluent Test (If Available)** Not Available Latest water quality analysis carried out? Bahāwalnagar, Punjab, Pakistan yes, which lab X7H4+2RM, Baha parameters? Findings of water quality 03/05/23 01:31 PM GMT +05:00 analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? **Plant Type** UV RO Local Tube **Public Water** Bahāwalnagar, Punjab, Pakistan **Source of Water** Well Supply Lat 29.977631° Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No **Ultraviolet Lamp/Chlorinator** Yes No **Takeaway Hall Condition** Good Fair Poor Bahāwalnagar, Punjab, Pakistan X7H4+2RM, Bahāwalnagar, Bahawalnagar, Punjab, Pakistal **Building Structure Condition** Good Fair Poor Lat 29.977672° Long 73.257081° 03/05/23 01:38 PM GMT +05:00 Approach to Pump House Good Fair Poor **Overall Rating** 4 5 Average Score 1 2 3 Excellent Good **Asset Condition** Fair Poor Failing Α В D Ε Category **Remarks / Requirements** No remarks Data Collected By: Mr. Abdullah Designation: Team Member

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

	Integrated Development And Asset Management Plan (IDAMP)								
			Muni	cipal	Comn	nittee Bal	hawalnagai	r	
Form						on Plant		Asset	Code:
IDAMP	-A4		Asset	Cond	lition	Assessme	ent		Date: 02-05-2023
Name			Sł		d Nag			Pictures	
Location	Latitud				39647		-		
	Longit	ude	73.255897				Sept. Sept.		
Address					d Nag		ANTIBORE TO		The street of th
Installation	Year		В		alnag 105	dľ	7	Bahāwalnagar, Punjab, Pa	GPS Map Camera
Installing Ag					1C			Street No. 1, pani wali tenki, Bahāwal Pakistan	
O&M Agend				N	1C		Google	Lat 29.989647° Long 73.255897° 03/05/23 02:00 PM GMT +05:00	
Filtration Ca	_	Liter/Hour)		20	000		THE PROPERTY OF STREET		
Operational		-		1	.2		· All	ere la la la la la la la la la la la la la	
No. of Taps					8			Z - \\ QZ	1. 1. 1. 1. 1. 1.
Effluent Tes	t (If Ava	ilable)	N	lot A	/ailabl	е	200		
Latest water	-	ty analysis			-				GPS Map Camera
If yes,	which	lab and					* · ·	Bahāwalnagar, Punjab, Pa Street No. 1, pani wali tenki, Bahāwal	
parameters		iab allu			-		3.7	Pakistan Lat 29.989811° Long 73.255848°	
	f wat	er quality					Google	03/05/23 02:00 PM GMT +05:00	
analysis?			-						
In case of an									
the permis steps are ta									
water?							+++	-	
Plant Type			RO UV			UV		Bahāwalnagar, Punjab, Pa	
Source of W	ater					lic Water		Street No. 1, pani wali tenki, Bahāwal Pakistan Lat 29.989807°	nagar, Bahawalnagar, Punjab,
			Wel	l		<mark>upply</mark> Non-	Google	Long 73.25583° 03/05/23 02:01 PM GMT +05:00	XX
Working Sta	itus		Functio	nal	Functional				
Pumping Un	it		Yes		No				
Control Pan	el		Yes			No			
Service Cabl	e		Yes			No		176	
Ultraviolet I	.amp/Cl	nlorinator	Yes			No	SUTABLERIZADA		GPS Map Camera
Takeaway H	all Cond	lition	Good	Fa	air	Poor		Bahāwalnagar, Punjab, Pa Street No. 1, pani wali tenki, Bahāwal Pakistan	
Building Str			Good	Fa	air	Poor		Lat 29.989807° Long 73.25583°	
Approach to	Pump	House	Good	Fa	air	Poor	300gle	03/05/23 02:01 PM GMT +05:00	
			ı		Over	all Rating			_
Average S		1	_	2			3	4	5
Asset Con		Excellen	τ	Goo	a		Fair	Poor	Failing
Catego	ıı y	A		Bom	arka /	Poguire	C	D	E
• Nore	arks			Kem	arks /	Requirer	nents		
No rem	iai KS								44
Data Collect	Data Collected By: Mr. Abdullah			Designation: Team Memb			ber	July	9.h

Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Bahawalnagar						
Form: Water Filtration Plant Asset Code: IDAMP-A4 Asset Condition Assessment Date: 02-05-20							
			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: **Water Filtration Plant** Asset Code: **IDAMP-A4 Asset Condition Assessment** Date: 02-05-2023 Name Hussainabad **Pictures** 29.994335 Latitude Location 73.269165 Longitude **Address** Hussainabad, Bahawalnagar **Installation Year** 2016 Bahāwalnagar, Punjab, Pakistan MC **Installing Agency O&M Agency** MC Filtration Capacity (Liter/Hour) 2000 03/05/23 02:25 PM GMT +05:00 **Operational Hours** 12 5 No. of Taps **Effluent Test (If Available)** Not Available Latest water quality analysis carried out? yes, which lab 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 **Local Tube Public Water Source of Water** Well Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No **Service Cable** Yes No DURAS Yes **Ultraviolet Lamp/Chlorinator** No **Takeaway Hall Condition** Good Poor Fair **Building Structure Condition** Good Fair Poor Approach to Pump House Good Fair Poor **Overall Rating** 3 4 5 **Average Score** 1 2 Excellent Good Fair Asset Poor Failing Condition Category D Α F Remarks / Requirements Temporary Non-Functional.

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Bahawalnagar							
Form: IDAMP-A4								
Data Collected By: M	r. Abdullah	Designation: Team Member	Jufoh 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)								
		Muni	cipal (	Comm	ittee Bal	hawalnaga	r		
Form: IDAMP-A4					n Plant	ent	Asset	Code: Date: 02-05-2023	
Name		М	uslim	Colon	У		Pictures		
Latit	ude		29,999174						
Location Long	gitude		73.26	2661					
Address		М	uslim	Colon	у,			1	
Address		В	ahawa	alnaga	r			GPS Map Camera	
Installation Year			20				Bahāwalnagar, Punjab, Pa x7x7+M56, Jail Rd, Muslim Colony B		
Installing Agency			M				Punjab, Pakistan Lat 29.999174°		
O&M Agency			M			Google	Long 73.262661° 03/05/23 02:31 PM GMT +05:00		
Filtration Capacit			20						
Operational Hour	rs .		1					0.0.0.0.00	
No. of Taps								14 1 100	
Effluent Test (If A		N	lot Av	ailable	5		JAYOY XXXX	MANAGE BELL	
Latest water qu carried out?	anty analysis		-	-		balance	Bahāwalnagar, Punjab, Pa	GPS Map Camera	
If yes, which	n lab and						X7X7+M56, Jail Rd, Muslim Colony B Punjab, Pakistan		
parameters?				-		Foodle	Lat 29.999174° Long 73.262661°		
_	ater quality	-				Soogle	03/05/23 02:31 PM GMT +05:00		
analysis? In case of any par	ameter above								
the permissible									
steps are taken to	-	_				Markey Markey			
water?									
Plant Type		RO			UV		Bahāwalnagar, Punjab, Pa X7X7+M56, Jail Rd, Muslim Colony B		
Source of Water		Local Ti Wel			c Water	VValer Punjab, Pakistan		ariawainagai, bahawainagai,	
					ipply Ion-	Google	Long 73.262847° 03/05/23 02:32 PM GMT +05:00		
Working Status		Functio	nal		ctional	A THE STATE OF THE			
Pumping Unit		Yes			No			1004	
Control Panel		Yes			No				
Service Cable		Yes			No		PWT Lin	e	
Ultraviolet Lamp	/Chlorinator	Yes			No			GPS Map Camera	
Takeaway Hall Co	ondition	Good	Fa	air	Poor		Bahāwalnagar, Punjab, Pa X7X7+M56, Jail Rd, Muslim Colony B Punjab, Pakistan		
Building Structure		Good	Fa	air	Poor	1	Lat 29.999101° PW LIII Long 73.262847°		
Approach to Pum	p House	Good	Fa		Poor	500gle	03/05/23 02:32 PM GMT +05:00		
				Overa	II Rating				
Average Score	1		2			3	4	5	
Asset Condition			Goo	d		Fair	Poor	Failing	
Category	A		В			C	D	E	
,			Rema	arks /	Requirer	ments			
No remarks		<u> </u>						4.	
Data Collected By	Data Collected By: Mr. Abdullah			on: Tea	ım Mem	ber	Juli	Sh	

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

	Integrated Development And Asset Management Plan (IDAMP)								
		Muni	cipal	Commi	ttee Bal	nawalnagai	r		
Form:		Water Filtration Plant				Asset Code:			
IDAMP-A4		Asset Condition Assessme			ssessme	ent		Date: 02-05-2023	
Name		Civil Court Filtration Plant			Plant		Pictures		
Location				12041					
Longi	tude			54364					
Address		Civil Co			Inagar				
Installation Year				)15					
Installing Agency		S		n Court					
O&M Agency				1C					
Filtration Capacity				000					
Operational Hours	<b>!</b>			.2					
No. of Taps				6					
Effluent Test (If Av		ľ	lot Av	/ailable					
Latest water qua carried out?				-			Bahāwalnagar, Punjab, Pa	GPS Map Camera	
If yes, which	lab and			-			2763+QWG Session Court, DC Office Bahāwalnagar, Bahawalnagar, Punjab	Rd, Officer Colony	
parameters? Findings of wa	ter quality					Google	Lat 30.012041° Long 73.254364° 03/05/23 02:42 PM GMT +05:00	Mark Control	
analysis?	itei quanty	-				03/03/23 02:42 PM GWT +05:00	e h		
In case of any para	meter above								
the permissible		-							
steps are taken to	provide safe						P 9-	7	
water? Plant Type		RO UV			IV			GPS Map Camera	
		Local Tube Public Water			-		Bahāwalnagar, Punjab, Pa 2763+QWG Session Court, DC Office	kistan	
Source of Water		Wel			pply		Bahāwainagar, Bahawainagar, Punjab Lat 30.012051°		
Working Status		Functio	Functional Non-			Google	Long 73.25425° 03/05/23 02:42 PM GMT +05:00		
Pumping Unit		Yes		١	No				
<b>Control Panel</b>		Yes		N	No				
Service Cable		Yes		١	No				
Ultraviolet Lamp/	Chlorinator	Yes		١	No				
Takeaway Hall Cor	ndition	Good	Fa	air	Poor				
<b>Building Structure</b>	Condition	Good	Fa	air	Poor				
Approach to Pump	House	Good	Fa	air	Poor				
				Overal	l Rating				
Average Score	1		2			3	4	5	
Asset Condition	Excellen	t	t Good F		Fair	Poor	Failing		
Category		В			С	D	E		
			Rema	arks / R	equiren	nents			
No remarks							Γ		
Data Collected By:	Desi	Designation: Team Memb			per Juloh				
						Sign & Date: 30 N	1ay 2023		

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

# C. OHR

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

		Integrated D	Developm	ent And A	sset Mana	gement	Plan (IDAMP)	
Municipal Committee Bahawalnagar								
Form: IDAMP-A	.2		Over Head Reservoir Asset Condition Assessment				Asset	Code: Date: 02-05-2023
Name			Khad	damabad 1	Гanki		Pictures	
l I	Latitu	de		30.006957	7			
Location	Longi	tude		73.267264	1			
1	- 0		K	hadamaba	ıd.			
Address				ahawalnag	-			
Year of Const	ructio	on		1983				
Capacity (UK	Gallo	ns)		50,000				
Cleaning Freq	uenc	v (Per Year)		1				
Type of Struct		, , , , ,		Frame, RC	C		*	
Structure Con		n	Good	Fair	Poor			
Tank Condition		''	Good	Fair	Poor		A Z	
	iice V	alvo	Good	ı alı	1001			
		turning Valve						
Working State	us		Abandoned				Bahāwalnagar, Punjab, P. 2748-VQ3, Bahāwalnagar, Bahav Lat 30.00857*	☑ GPS Map Canters skistan sehagar, Punjab, Pakistan
Dising Main	D	ia					Google 03/05/23 11:55 AM GMT +05:00	
Rising Main	N	1aterial						
Delivery Mair	, D	ia					7	Sept 1
	IV	1aterial						4
Overflow		ia						2
Scour Pipe		laterial	Vos. No.					2
		ising Main	Yes		No			
Sluice Valve		elivery Main cour Pipe	Yes Yes		No No			
		verflow Pipe	Yes		No		4 7	
Stair Case		vernow ripe	Yes		No			
Apron Around	d OHF	₹	Yes		No			
Tank Top Rail			Yes		No			
Top Indication		it	Yes		No			
Lightening Ar	reste	r	Yes		No			GPS Map Camera
Boundary Wa			Yes		No		Bahāwalnagar, Punjab, Pi 2748+VQ3, Bahāwainagar, Bahak Lat 30.008952*	akistan valnagar, Punjab, Pakistan
Overflow Disp	posal	Arrangements	Yes		No		Google Long 73.26734* 03/05/23 11:58 AM GMT +05:00	
Approach to	OHR		Good	Fair	Bad			
					l Rating		T	
Average Sco		<u> </u>		2	3		4	5
	Asset Condition Excellent		G	ood	Fai		Poor	Failing
Category	/	A	Re	B marks / R	C equireme		D	Е
No remai	rks		110	a. K5 / Tt	- Squire inte			
- NOTEINA	1 1/2							44
Data Collected By: Mr. Abdullah		Designo	Designation: Team Member			Sign & Date: 30 N		

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

		Integrated [	Developm	ent And A	sset Mana	agement	Plan (IDAMP)		
	Municipal Committee Bahawalnagar								
Form: IDAMP-A2			Over Head Reservoir Asset Condition Assessment				Asset	Code: Date: 02-05-2023	
Name		·	Al Qur	esh Color	ny New		Pictures		
	atit	ude		30.00120	-				
Location		itude		73.24536					
	-0116	ituuc		uresh Col					
Address				ahawalna	• -				
Year of Consti	ruct	ion		2007					
Capacity (UK	Gall	ons)		100,000					
Cleaning Freq	uen	cy (Per Year)		1					
Type of Struct		,, ,	F	rame, RC	C				
Structure Con		on	Good	Fair	Poor				
Tank Conditio			Good	Fair	Poor		A B B		
Number Slu	ice '	Valve		4					
		eturning Valve		1					
Working Statu			Function	Non-	tional	1	NH =		
		Dia	8"						
Rising Main		Material	MS						
D - 11		Dia	6"						
Delivery Main	ו ר	Material	MS						
Overflow	&	Dia	6"						
Scour Pipe		Material	MS						
	_	Rising Main	Yes		No				
Sluice Valve	_	Delivery Main	Yes		No		No.		
	_	Scour Pipe	Yes		No			GPS Map Camera	
		Overflow Pipe	Yes		No		Bahāwalnagar, Punjab 262W+HCV, Bahāwalnagar, Ba		
Stair Case	1.01	ID.	Yes		No		Let 30.001209° Long 73.24536°		
Apron Around		IK	Yes		No	Google	03/05/23 12:46 PM GMT +05:	00	
Tank Top Rail		.h.s	Yes		No				
Top Indication Lightening Ari			Yes Yes		No No				
Boundary Wa			Yes		No				
		I Arrangements	Yes		No				
Approach to 0			Good	Fair	Bad				
					II Rating				
Average Sco	re	1		2	3	3	4	5	
Asset Condition		Excellent	G	ood	Fa	nir	Poor	Failing	
Category		Α		В	C	2	D	E	
			Re	marks / F	Requireme	ents			
Leakage									
Data Collected By: Mr. Abdullah			Designation: Team Member			r	Junt's Sign & Date: 30 N		

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: **Over Head Reservoir Asset Code: IDAMP-A2 Asset Condition Assessment** Date: 02-05-2023 Name Al Quresh Colony Old **Pictures** Latitude 30.001204 Location Longitude 73.245385 Al Quresh Colony, Address 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 **Sluice Valve** Number of Valves | Non-Returning Valve **Working Status Abandoned** Dia **Rising Main** Material Dia **Delivery Main** Material Overflow Dia **Scour Pipe** Material **Rising Main** Yes No **Delivery Main** Yes No Sluice Valve **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 Bad Fair **Overall Rating Average Score** 1 2 5 4 Asset Excellent Good Fair Poor **Failing** Condition C D Ε Category Α В **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 N	1ay 2023		
Data Checked By: Mr. M. Fiaz			Designo	ation	: Tear	n Lead		Sign & Date: 30 N	/an 2023	
		Integrated [	)evelonm	ent A	nd A	sset Mana	gement	Plan (IDAMP)	,	
		integrated E	zevelopili		illu A	SSEC IVIAITE	agement	Tiali (IDAIVII )		
			Municip	al Co	mmit	ttee Baha	walnaga	r		
Form: IDAMP-A	2		Over Head Reservoir Asset Condition Assessment					Asset Code: Date: 02-05-2023		
Name			Мо	del To	own l	New		Pictures	;	
	Latitu	ıde		29.97	77568	3				
Location	Longi	tude		73.25	6857	7				
Address			Model T	own,	Baha	walnagar				
Year of Const	ructio	on			07	<u>U</u>				
Capacity (UK					,000					
Cleaning Freq		-			, <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		15			
Type of Struc		y (. c ca. ,	Frame, RCC			<u> </u>	7.7		Jan 100	
	Structure Condition		Good		air	Poor				
Tank Condition			Good		air	Poor				
	ice V	alve.			4 4	1 001				
		turning Valve			<u> </u>					
or valves NO	лі-ке	turning valve	Non-						H	
Working State	us		Functional Functional			ional				
Di-i B4-i	D	ia	8"					A COST		
Rising Main	Ν	/laterial		N	1S					
Delivery Mair	ם ס	ia		6	<u>;"</u>		Balon			
	. v	/laterial			1S		VÓ		1 4	
Overflow		)ia			<u>"</u>					
Scour Pipe		/laterial	V	N	1S	NI -				
	_	ising Main Jelivery Main	Yes Yes			No No				
Sluice Valve	_	cour Pipe	Yes			No				
		verflow Pipe	Yes			No	Substitute No.	Salva file	GPS Map Camera	
Stair Case			Yes			No			o, Pakistan ahawalnagar, Punjab, Pakistan	
Apron Around OHR		₹	Yes			No		Lat 29.977568° Long 73.256857° 03/05/23 01:32 PM GMT +05:	.00	
Tank Top Railing		Yes			No	Google	03/03/23 01:32 PM GMT 403.	, ou		
Top Indication Light		Yes			No					
Lightening Arrester			Yes			No				
Boundary Wa			Yes No							
Approach to		Arrangements	Yes No Good Fair Bad							
Approactito	SHA		Good			l Rating				
Average Sco	ore	1		2	- Crui	3	}	4	5	
, werage see	Average score 1		+	<del>-</del> ,			•	7	F. 111	

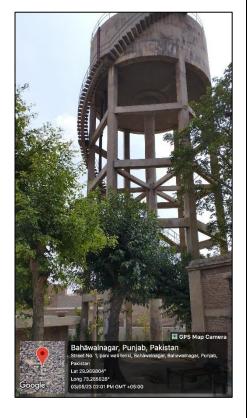
Overall Rating								
Average Score	1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			

Category	А	В	С	D	Е				
Remarks / Requirements									
• Leakage									
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 30 May 2023									
Data Checked By: Mr. M. Fiaz  Designation: Team Lead  Sign & Date: 30 May 2023									
	Integrated Do	evelopment And A	sset Management	Plan (IDAMP)					

### **Municipal Committee Bahawalnagar** Form: **Over Head Reservoir Asset Code: IDAMP-A2 Asset Condition Assessment** Date: 02-05-2023 Model Town Old **Pictures** Name Latitude 29.977567 Location 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 **Sluice Valve** Number of Valves Non-Returning Valve **Working Status Abandoned** Dia **Rising Main** Material Dia **Delivery Main** Material Overflow Dia **Scour Pipe** Material **Rising Main** Yes No **Delivery Main** Yes No **Sluice Valve Scour Pipe** Yes No **Overflow Pipe** Yes No Stair Case Yes No **Apron Around OHR** Yes No /23 01:33 PM GMT +05:00 **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	Excellent	Good	Fair	Poor	Failing		
Condition							
Category	Α	В	С	D	E		
Remarks / Requirements							
No remarks							
Data Collected By	r: Mr. Abdullah	Designation: Tear	m Member	Juloh Sign & Date: 30 May 2023			
Data Checked By:	Mr. M. Fiaz	Designation: Tear	m Lead	Sign & Date: 30 N	ny 1ay 2023		

		Integrated	Developm	ent .	And A	sset Mana	agement Plan (IDAMP)
			Municip	al C	ommi	ttee Baha	walnagar
Form IDAMP-			Over Asset Cor		d Res	As	
Name	Name		Sh	ehza	ad Na	Pictu	
	Lati	tude		29.9	89804	1	
Location	Lon	gitude		73.2	55828	3	
Address					nd Nag valnag	•	
Year of Cons	struc	tion		2	003		47/8
Capacity (UI	K Gal	lons)		50	,000		
Cleaning Fre	eque	ncy (Per Year)			1		
Type of Stru	cture	2	F	ram	ne, RC	С	
Structure Condition		Good	F	air	Poor		
Tank Condit	ions		Good	F	air	Poor	
Number S	luice	Valve			4		
of Valves N	lon-F	Returning Valve	1				
Working Sta	itus		Function	Functional Non- Functional			
Rising Main		Dia		1	L2"		
Mishing Ividin		Material			MS		
Delivery Ma	in	Dia	8"			Section 1987	
-		Material			MS 8"		
Overflow Scour Pipe	&	Dia Material			8 MS		
Scoul Tipe		Rising Main	Yes	<u>'</u>	V13	No	
		Delivery Main	Yes			No	Bahāwalnagar, P
Sluice Valve		Scour Pipe	Yes			No	Street No. 1, pani wali ter Pakistan
		Overflow Pipe	Yes	No		No	Lat 29.989804° Long 73.255828° 03/05/23 02:01 PM GMT
Stair Case	Stair Case		Yes		No		A STATE OF THE STA
Apron Arou		HR	Yes		No		
Tank Top Ra			Yes	Yes No		No	
Top Indicati	on Li	ght	Yes			No	



Asset Code:

**Pictures** 

Date: 02-05-2023

Lightening Arrest	er	Yes No					
<b>Boundary Wall &amp; Gate</b>		Yes No		No			
Overflow Disposa	al Arrangements	Yes		No			
Approach to OHR	R	Good	Fair	Bad			
			Over	all Rating			
Average Score	1		2	3	3	4	5
Asset	Excellent	(	Good	Fa	air	Poor	Failing
Condition							
Category	Α	В		(	2	D	E
		R	emarks /	Requireme	ents		
No remarks							
Data Collected By	r: Mr. Abdullah	Designation: Team Member			r	Sign & Date: 30 N	
Data Checked By:	Designation: Team Lead				Mayf	ny 2023	

		Integrated [	Developmen	t And A	sset Mana	agement	Plan (IDAMP)				
Municipal Committee Bahawalnagar											
Form:			Over Head Reservoir				Asset	Code:			
IDAMP-A	<b>A2</b>		Asset Condi	ition As	sessment			Date: 02-05-2023			
Name			Main Wa	ter Wor	ks Ford		Pictures				
				Wah			T letter es				
Location	Latit	ude	30	.016052	2						
20000000	Long	itude		.253856							
Address				Wah Ca							
				awalnag	gar						
Year of Cons				1967			W				
Capacity (UK		-	1	00,000		The state of the s		1.			
Cleaning Free	_	cy (Per Year)		1		A <sup>n</sup>					
Type of Struc			Fra	me, RC	С			-			
Structure Co	nditio	on	Good	Fair	Poor						
Tank Conditi	ons		Good	Fair	Poor	5					
Number SI	uice	Valve		4							
of Valves N	on-Re	eturning Valve		1				1			
Working Stat	tuc		Functional	Non-							
WOIKING State			Turictional	Funct	tional						
Rising Main	_	Dia		12"							
		Material	MS o"								
Delivery Mai	in 🗕	Dia Material	8" MS								
Overflow	&			8"		_8					
Scour Pipe		Material		MS							
		Rising Main	Yes		No						
Chrise Makes	_	Delivery Main	Yes		No			T			
Sluice Valve	;	Scour Pipe	Yes		No			GPS Man Camera			
	(	Overflow Pipe	Yes		No	CADA	Bahāwalnagar, Punjab	, Pakistan ahawalnagar, Punjab, Pakistan			
Stair Case			Yes		No	国	Lat 30.016052° Long 73.253856°	anawamagar, Punjab, Pakistan			
Apron Aroun		IR	Yes		No	Google	03/05/23 02:49 PM GMT +0	5:00			
Tank Top Rai		l.a	Yes		No						
Top Indication			Yes Yes		No No						
Boundary W			Yes		No						
		I Arrangements	Yes		No						
Approach to	-			Fair	Bad						
				Overal	I Rating						
Average So	core	1	2		3	}	4	5			
Asset Cond		Excellent	Goo	d	Fa	ir	Poor	Failing			
		Α	В		C		D	E			
			Rem	arks / R	Requireme	nts					
No rem	arks										
Data Collected By: Mr. Abdullah			Designation: Team Member			r	Sign & Date: 30 N				

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

	Integrated [	Developme	ent And A	sset Mana	igement	Plan (IDAMP)		
		Municipa	al Commi	ttee Bahav	walnagai			
Form:		Over Head Reservoir				Asset Code:		
IDAMP-A2		<b>Asset Condition Assessment</b>					Date: 02-05-2023	
Name		City	Water Ta	anki		Pictures	•	
La	titude	3	30.000708	3				
Location Lo	ngitude	-	73.258494	1				
Address								
Year of Constru	ction							
Capacity (UK Ga	ıllons)					NAME OF THE PERSON OF THE PERS	and the same	
Cleaning Freque	ency (Per Year)					"不是是一个		
Type of Structu	re		Masonry		M			
Structure Condi		Good	Fair	Poor	1			
Tank Conditions		Good	Fair	Poor	9			
-	e Valve	3000	1 411	. 551		THE PARTY NAMED IN	FSIO - VA	
	Returning Valve							
	neturning valve							
Working Status		A	bandone	d				
Dialog Maio	Dia					19		
Rising Main	Material							
Delivery Main	Dia							
-	Material					4.38		
Overflow &					<b>3</b>	No.		
Scour Pipe	Material							
	Rising Main	Yes		No	1			
Sluice Valve	Delivery Main	Yes		No	For TI			
	Scour Pipe Overflow Pipe	Yes		No			GPS Map Camera	
Stair Case	Overnow Pipe	Yes Yes		No No		Bahāwalnagar, Punjab		
Apron Around (	)HR	Yes		No		Pakistan Lat 30.000708°		
Tank Top Railin		Yes No			Google	Long 73.258494" 03/05/23 03:03 PM GMT +05:00		
Top Indication I		Yes No					No.	
Lightening Arre		Yes		No				
Boundary Wall		Yes		No				
	sal Arrangements	Yes		No				
Approach to OF	IR	Good	Fair	Bad				
				I Rating				
Average Score		-	2	3		4	5	
Asset	Excellent	Go	ood	Fa	ir	Poor	Failing	
Condition				_				
Category	Α		B	C		D	Е	
		Re	marks / R	equireme	nts			
No remarks	5	1						
Data Collected I	Designation: Team Member			•	Junta Sign & Date: 30 N			
						5.g., a Date, 50 N	, 2020	

Data Checked By: Mr. M. Fiaz

Designation: Team Lead

Sign & Date: 30 May 2023

## D. GST

Sr #	Name	Age (Years)	Capacity (Gallons)	Condition	Status	Book Value (PKR Mil)
1	Al-Quresh colony	16	100,000	Good	Functional	1.6
2	Model Town	23	100,000	Fair	Functional	1
		23	100,000	Fall	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	l Developn	nent	and A	sset Man	agement	: Plan (IDAMP)			
			Munici	pal C	Commi	ttee Baha	walnaga	r			
Form IDAMP					_	Reservoir ssessment	:	Asset	Asset Code:		
Name			Al (	Qure	sh Col	ony		Pictures			
	Latit	ıde		30.0	01306	j					
Location	Long	itude		73.2	45575						
Address					sh Col valnag	•	i les				
Year of Con	structi	on			007		10 2		A Property		
Capacity (U	K Gallo	ons)		100	0,000				GPS Map Camera		
Cleaning Fr	equen	y (Per Year)			1			Bahāwalnagar, Punjab, I			
Type of Stru	ucture			Ma	sonry			Lat 30.001306° Long 73.245575°	aravan agar, r arjab, r akistar		
Structure C	onditio	n	Good	F	air	Bad	Google	03/05/23 12:47 PM GMT +05	:00		
Number S	Sluice \	/alve			4						
of Valves	Non-Re	turning Valve	1				雪温7		18 C. 19 C. 19		
Working Sta	atus		Functional Non- Functional								
Incoming N	lain ⊢	Dia	8"				**		GPS Map Camera		
IIICOIIIIIg IV		Material			MS			Bahāwalnagar, Punjab, I			
Delivery Ma	ain 🗕	Dia			8"			Lat 30.00132° Long 73.245671°	anawainagar, Punjab, Pakistan		
Cover Slab		Material	Good		MS Fair	Poor	Google	03/05/23 12:47 PM GMT +05	:00		
Approach R			Good		air Fair	Poor					
Boundary V			Yes			No	_				
					Overa	II Rating					
Average	Score	1		2		:	3	4	5		
Asset Con	dition	Excellent		3000	t	Fa	air	Poor	Failing		
Catego	ory	А		В		(	С	D	E		
			R	ema	rks / F	Requireme	ents				
No rem	narks										
Data Collected By: Mr. Abdullah		Design	Designation: Team Member			er	Sign & Date: 30 N				
								Jigii & Dule. 30 IV	1UY 2023		

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

Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar											
Form	ı:		Ground Storage Reservoir				Asset Code:				
IDAMP-	-A3		Asset Co	ndition As	ssessment			Date: 02-05-2023			
Name			М	odel Towr	า 1		Pictures				
Location	Lati	tude		29.977460	)						
Location	Lon	gitude		73.256923	3	district					
Address			Model To	own, Baha	walnagar						
Year of Con	struc	tion		2000		I I I I					
Capacity (U	K Gal	lons)		100,000							
Cleaning Fre	eque	ncy (Per Year)		1			Bahāwalnagar, Punjab,	GPS Map Camera Pakistan			
Type of Stru	ıcture	2		Masonry			Lat 29.97746°	Sahawalnagar, Punjab, Pakistan			
Structure Co	ondit	ion	Good	Fair	Bad	Google	Long 73.256923° 03/05/23 01:40 PM GMT +0	5:00			
Number S	luice	Valve		4		of the state of					
of Valves	Non-F	Returning Valve		1		A September 1		外外體等重量			
Working Sta	atus		Function	Functional Non- Functional							
Incoming M	lain	Dia	8"								
IIICOIIIIIIg IVI	aiii	Material	MS				Bahāwalnagar, Punjab,	GPS Map Camera			
Delivery Ma	ain	Dia	8"					Bahawalnagar, Punjab, Pakistan			
		Material	MS				Long 73.256934°	5:00			
Cover Slab (				Good Fair Poor 303/05/23 01:40 PM GMT +05:00							
Boundary W			Good Fair Poor Yes No								
				Overa	II Rating						
Average So	core	1		2	3		4	5			
Asset		Excellent	G	iood	Fa	ir	Poor	Failing			
Conditio	n										
Categor	у	А		В	C	)	D	E			
			Re	emarks / F	Requireme	nts					
No rem	arks										
Data Collected By: Mr. Abdullah			Designation: Team Member			r	Junt (Sign & Date: 30 N	Ih May 2023			
Data Checke	ed By	: Mr. M. Fiaz	Designation: Team Lead				Mayf	May 2023			

Integrated Development and Asset Management Plan (IDAMP)										
			Municip	oal Comm	ittee Baha	walnaga	r			
Form			Ground Storage Reservoir				Asset Code:			
IDAMP-	-A3		Asset Co	ndition A	ssessment			Date: 02-05-2023		
Name			М	odel Tow	n 2		Pictures			
Location	Latit	ude		29.977460	)					
Location	Long	itude		73.256923	3					
Address			Model To	own, Baha	walnagar	*		Mark House		
Year of Con	struct	ion		2013						
Capacity (U	K Gall	ons)		100,000						
Cleaning Fre	equen	cy (Per Year)		1				GPS Map Camera		
Type of Stru	ıcture			Masonry			Bahāwalnagar, Punjab, I X7H4+2RM, Bahāwalnagar, E Lat 29.977399°	Pakistan Bahawalnagar, Punjab, Pakistan		
Structure Co	onditio	on	Good	Fair	Bad		Long 73.256927° 03/05/23 01:40 PM GMT +08	E-00		
Number	Sluice ' Valve	Valve+Air		4+1		300gle	03/03/23 01.40 FM GM 1 +00	3.00		
Oi vaives N	Non-Re	eturning Valve		1				49		
Working Sta	atus		Functional Non- Functional					F. H.		
Incoming M	lain ⊢	Dia	10"			TIT		GPS Map Camera		
		Material - ·	MS				Bahāwalnagar, Punjab, I			
Delivery Ma	ain ⊢	Dia Material	8"				Lat 29.977488° Long 73.256882°			
Cover Slab (			MS Good Fair Poor			Google	03/05/23 01:40 PM GMT +08	5:00		
Approach R			Good	Fair	Poor	THE RESIDENCE OF THE PERSON NAMED IN	(Security in Temperature), Let 10 Miles 1650 September 120 1664	N. S. S. S. S. S. S. S. S. S. S. S. S. S.		
Boundary W			Yes		No					
_				Overa	II Rating					
Average So	core	1		2	3	3	4	5		
Asset		Excellent	G	iood	Fa	ir	Poor	Failing		
Conditio	on									
Categor	γ	Α		В		2	D	Е		
			Re	emarks / I	Requireme	nts				
No rem	narks						<del>,</del>			
Data Collected By: Mr. Abdullah			Designation: Team Member			r	Sign & Date: 30 N			
Data Checked By: Mr. M. Fiaz			Designation: Team Lead				Sign & Date: 30 N	ny 1ay 2023		

Integrated Development and Asset Management Plan (IDAMP)												
	Municipal Committee Bahawalnagar											
Form:			Ground Storage Reservoir				Asset	Code:				
IDAMP-	-A3		Asset Co	ondition As	sessment			Date: 02-05-2023				
Name			Sh	nahzad Nag	gar		Pictures					
Location	Latit	ude		29.989757	1							
200411011	Long	itude		73.255738								
Address				ahzad Nag ahawalnag								
Year of Cons	struct	ion		2007			THE RESERVE OF THE PARTY OF THE	W				
Capacity (UI	K Gall	ons)		100,000			Last reported to	GPS Map Camera				
Cleaning Fre	equen	cy (Per Year)		1			Bahāwalnagar, Punjab, I Street No. 1, pani wali tenki, Bahā	Pakistan				
Type of Stru	cture			Masonry			Pakistan Lat 29.989757°	wantagar, bantawantogar, ranjab,				
Structure Co		on	Good	Fair	Bad	Google	Long 73.255738° 03/05/23 02:01 PM GMT +05:00					
Number S	luice '	<b>Valve</b>		4								
of Valves N	Ion-Re	eturning Valve		1								
Working Sta	itus		Functional Non- Functional									
Incoming M	ain	Dia	12"			Me		GPS Map Camera				
incoming ivi		Material	MS			70 O	Bahāwalnagar, Punjab, I	Pakistan				
Delivery Ma	in ⊢	Dia	8"				Street No. 1, pani wali tenki, Bahā Pakistan Lat 29.989733°	wainagar, Banawainagar, Punjab,				
		Material	MS			300gle	Long 73.255787° 03/05/23 02:01 PM GMT +05:00					
Cover Slab C			Good Good	Fair Fair	Poor Poor	574						
Boundary W			Yes	I all	No							
	<u> </u>			Overa	II Rating							
Average So	core	1		2	3	}	4	5				
Asset		Excellent	C	 Good	Fa		Poor	Failing				
Conditio	n							3				
Categor	у	Α		В	C	;	D	E				
			R	emarks / F	Requireme	nts						
No rem	arks											
Data Collected By: Mr. Abdullah			Designation: Team Member			r	Sign & Date: 30 N					
Data Checked By: Mr. M. Fiaz			Designation: Team Lead				Mayf	May 2023				

		Integrated	Developn	nent and A	Asset Mana	agement	Plan (IDAMP)		
			Munici	pal Comm	ittee Baha	walnaga	r		
Form	:			d Storage			Asset Code:		
IDAMP-	-A3		Asset Co	ondition A	ssessment			Date: 02-05-2023	
Name	,		De	egree Coll	ege		Pictures		
Location	Latit	ude	29.994161						
Location	Long	itude	73.267096					1°G.	
Address			Degree College, Bahawalnagar			III III III III			
Year of Construction			2007		r in the state of	SASSIEM .	RI E		
Capacity (U	K Gall	ons)		100,000				GPS Map Camera	
Cleaning Fre	equen	cy (Per Year)		1		1-0	Bahāwalnagar, Punjab,	Pakistan ar, Bahawalnagar, Punjab, Pakistan	
Type of Stru	ıcture			Masonry	•		Lat 29.994161° Long 73.267096°		
Structure Co	onditi	on	Good	Fair	Bad	Google	03/05/23 02:18 PM GMT +05:00		
Number S	luice	Valve		4		The Section of the Se		to all the limited should	
of Valves	Non-R	eturning Valve		1				STEEL STEEL	
Working Status		Function	nal Fu	Non- nctional					
Incoming M	lain	Dia		10"				GPS Map Camera	
Incoming M	lain	Material		MS			Bahāwalnagar, Punjab,	Pakistan	
Delivery Ma	ain –	Dia	8"				X7V8+PW5, Bypass, Bahawainag Lat 29.994161° Long 73.267096°	ar, Bahawalnagar, Punjab, Pakistan 🦠 🧍	
		Material		MS	T _	03/05/23 02:18 PM GMT +05:00			
Cover Slab			Good	Fair	Poor				
Approach R Boundary W			Good Yes	Fair	Poor No				
Doullual y V	vali &	Gate	163	Overa	III Rating				
Average So	core	1		2	3	3	4	5	
Asset	corc	Excellent	(	Good	Fa		Poor	Failing	
Conditio	-							_	
Categor	У	A		В	(		D	E	
			R	emarks /	Requireme	ents			
No rem	arks						Т		
Data Collected By: Mr. Abdullah		Designation: Team Member			r	Julih Sign & Date: 30 May 2023			
Data Checked By: Mr. M. Fiaz			Designation: Team Lead				Sign & Date: 30 May 2023		
<u> </u>			1				3.g., a Date. 30 N	, 2020	

# E. Intermediate Pumping Stations

Sr. No.	Location	Total No. of pumps	Туре	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 I	Developm	ent an	nd Asse	t Man
			Municip			
						c bana
Forn			liate Pump	_		
IDAMP	7-A1		ondition A	ssessn	nent	
1,00012		Asset De				
Name		1-			Colon	У
Location	Latitud	-		30.001		
	Longit	uue		73.245		
Address					Colon Ilnagar	•
Area (Mar	la)		В	2		
•						on-
Working S	tatus		Functio	nal		tional
Constructi	on Yea	r of Water				
Works				200	JU	
Installatio	n Year of	Pump	2007	'	20	07
Capital Cos	st of Ma	chinery				
Operation	al Hours		3			3
Delivery	Dia		6"		6"	
Pipe	Materi		MS		N	1S
Apron Aro		np House	Yes		No	
Hoisting G			Yes		N	lo
Civil Struct			Good	Fai	ir	Poor
Approach	to Pump		Good	Fai	ir	Poor
		Pump De		1		
			Pump			np B
Pump Type			Centrifu			ifugal
Pump Mak			MECC	)		CO
	Discharge Capacity (Cusec)		2			2
Rotational Speed (RPM)		1470	)		70	
Head (ft.)	· '		100			00
Paint of Pu			Poor			or
Number	Gate V		2			2
of Valves	Non-R	eturning Valve	2			2

	Integrated D	Development a	and A	sset Mana	gement	Plan (IDAMP)	
		Municipal Co	ommit	ttee Baha	walnaga	r	
Form: IDAMP-A1		iate Pumping				Asset	Code: Date: 02-05-2023
Base Plate	7.5502 05	Yes No	Ye	-			2410. 02 00 2020
	ro-Mechanical Eq						
Transformer Capa			.00				
Sanctioned Load		61					
Motor Power (HP		50 50					
Motor Make	-	Siemens	Si	iemens	1		
MCU		Yes		No	1		
Earthing of Motor	ſ	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			
		0	veral	l Rating	•		
Average Score	1	2		3	3	4	5
Asset Condition	Excellent	Good		Fa	ir	Poor	Failing
Category	Α	В				D	E
		Remar	ks / R	equireme	nts		
No remarks							
Data Collected By.	Designation: Team Member				Julsh Sign & Date: 30 May 2023		
Data Checked By:	Designation	: Tear	n Lead		Mayf	May 2023	

**Asset Code:** 

**Pictures** 

		Integrated	Developr	nent a	and A	sset Mana	gement P
			Munici	pal Co	ommi	ttee Baha	walnagar
Form IDAMP		Intermed Asset Co	liate Pum ondition	-			
		Asset De	tail				
Name			Model Town 01				
Location	Latitud	le		29.9	77460	)	
Location	Longit	ude					
Address			Model	Гown,	Baha	walnagar	
Area (Marla)					2		
Working St	tatus		Functi	onal	Fu	Non- nctional	
Construction Works	on Yea	ar of Water		20	007		
Installation Year of Pump			200	7		2007	
Capital Cost of Machinery							87 77
Operationa	al Hours		3			3	
Delivery	Dia		6"			6"	
Pipe	Mater	al	MS	5		MS	A. C.
Apron Aro	und Pun	np House	Yes	5		No	•
Hoisting Girder			Yes	5	No		
Civil Struct	Civil Structure Condition			F	air	Poor	Google
Approach t	to Pump		Good	F	air	Poor	- Carrier Contract
		Pump De			T		
			Pum		1	ump B	
Pump Type			Centrif		Ce	ntrifugal	
Pump Mak			KSB		KSB		
Discharge			1.5		1.5		
Rotational	Speed (	RPM)	1470		1470		
Head (ft.)			100		100		Google
Paint of Pu	1		Fai	r		Fair	
Number			2			2	
of Valves	Non-R	eturning Valve	2			2	
Base Plate			Yes	No	Ye	s No	
- (		o-Mechanical Ed				1\	
Transform	•	, ,	20	00 (Cc		ea)	50000
Sanctioned Motor Pow	•	wn)	40		.21	40	
					-		
Motor Mal	ke		Sieme		3	iemens No	Soogle
MCU			Yes			No	
Earthing of Motor Power Wiring			Yes			No	
Service Cable			Yes			No	1
Earthing of MCU			Yes			No	
Energy Meter			Yes			No	
Water Meter			Yes			No	
PFI Equipm			Yes			No	
Generator	·CIIC		Yes			No	
Change Ov	er		Yes			No	
Change OV	<u></u>		163		veral	l Rating	
				U	veidl	i Nating	







	Integrated D	evelopment and A	sset Management	Plan (IDAMP)					
Municipal Committee Bahawalnagar									
Form: IDAMP-A1		ate Pumping Station	Asset Code: Date: 02-05-2023						
Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	Α	В	С	D	Е				
	Remarks / Requirements								
No remarks									
Data Collected By	: Mr. Abdullah	Designation: Tear	m Member	Julish Sign & Date: 30 May 2023					
Data Checked By:	Mr. M. Fiaz	Designation: Tear	n Lead	Sign & Date: 30 May 2023					

		Integrated [	Developme	nt a	nd As	sset Mana	gement Plan (IDAMP)
						tee Bahav	
Form IDAMP			iate Pump indition As	_			Asset Code: Date: 02-05-7
IDAIVIP	-AI			sess	meni	•	
Nama		Asset De				02	Pictures
Name	Latitud		Model Town 02 29.977460				
Location	Longitu				6923		
Address	Longitt		Model To				
Area (Marl	a)				2		
Working St			Function	ıal		Non- nctional	
Construction	on Yea	r of Water		20	13	- Inceronial	
Installation	Year of	Pump	2013			2013	
Capital Cos		-				-	H-H
Operationa		,	3		Aba	andoned	A HA
Delivery	Dia		6"			6"	
Pipe	Materi	al	MS			MS	☐ GPS Map C
Apron Arou	ınd Pun	p House	Yes			No	Bahāwalnagar, Punjab, Pakistan X7G4+HRC, Bahāwalnagar, Bahawalnagar, Punjab, Pak
<b>Hoisting Gi</b>	rder		Yes			No	Lat 29.977165° Long 73.256675°
Civil Struct	ure Con	dition	Good	Fa	air	Poor	Google 03/05/23 01:43 PM GMT +05:00
Approach t	o Pump	House	Good	Fa	air	Poor	
		Pump De	tails				
			Pump A		P	ump B	
Pump Type			Centrifug		1		
Pump Mak			MECO				
Discharge (			2				Bahāwalnagar, Punjab, Pakistan
Rotational	Speed (	RPM)	1470				X7H4+2RM, Bahāwalnagar, Bahawalnagar, Punjab, Pak Lat 29.977313°
Head (ft.)		lm:t	100		Aba	andoned	Long 73.256779° Soogle 03/05/23 01:42 PM GMT +05:00
Paint of Pu			Fair				
Number of Valves	Gate V		2				
Base Plate	NOII-K	eturning Valve		lo.			
Dase Fidle	Floctre	o-Mechanical Eq			ilc		
Transforme					mbin	ed)	
Sanctioned			200		21	,	Bahāwalnagar, Punjab, Pakistan
Motor Pow		-,	50		_	50	X7G4+HRC, Bahawainagar, Bahawainagar, Punjab, Pak Lat 29.977148°
Motor Mak			Siemen	S	Si	emens	Long 73.256566° 200gle 3305/23 01:43 PM GMT +05:00
MCU			Yes			No	The second of th
Earthing of Motor		Yes			No		
Power Wiring		Yes			No		
Service Cable		Yes			No		
Earthing of	MCU		Yes			No	
Energy Met	ter		Yes			No	
Water Met	er		Yes			No	
PFI Equipm	ent		Yes			No	
Generator			Yes			No	
Change Ove	er		Yes			No	
				0	verall	Rating	

	Integrated D	evelopment and A	sset Management	Plan (IDAMP)				
		Municipal Commit	tee Bahawalnagar					
Form: IDAMP-A1		ate Pumping Station		Asset Code: Date: 02-05-2023				
Average Score	1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	В	С	D	E			
	Remarks / Requirements							
No remarks								
Data Collected By	: Mr. Abdullah	Designation: Tear	n Member	Julsh Sign & Date: 30 May 2023				
Data Checked By:	Mr. M. Fiaz	Designation: Tear	n Lead	Sign & Date: 30 May 2023				

		lust a susse al l			A	D 4 -		
		Integrated I	Developn	nent and	Asset	Ma	nagemen	
			Munici	oal Comi	mittee	Bał	nawalnaga	
Form IDAMP			diate Pum					
		Asset	t Detail					
Name		71350	. Dotail	Shahz	ad Naga	ar		
	Latitud	le			89757			
Location	Longit		73.255738					
Address			Shahz	ad Naga	r. Baha	wa	Inagar	
Area (Marl	a)				2		J	
Working St	-		Func	tional	Non	- Fι	ınctional	
Construction		ar of Water		1	983			
Installation Year of Pump			2005	2005	199	3	1993	
Capital Cos		•						
Operationa			3	3	3		3	
Delivery	Dia		6"	6"	6"		6"	
Pipe	Materi	ial	MS	MS	MS		MS	
Apron Arou	ınd Pun	np House	Υ	es		١	lo	
Hoisting Gi		•	Υ	es		١	lo	
Civil Structure Condition			Good	ı	air		Poor	
Approach to Pump House			Good	ı	air		Poor	
	Pump Details							
			Pump	Pump	Pun	ıр	Pump	
			Α	В	С		D	
Pump Type	<b>!</b>		Centrif ugal	Centrif ugal	Cent uga		Centrif ugal	
Pump Mak	e		MECO	MECO	BEC	0	BECO	
Discharge (	Capacity	(Cusec)	3	3	3		3	
Rotational	Speed (	RPM)	1470	1470	147	0	1470	
Head (ft.)			100	100	100	)	100	
Paint of Pu	mping l	Jnit	Fair	Fair	Fai	r	Fair	
Number	Gate V	alve alve	2	2	2		2	
of Valves	Non-R	eturning Valve	2	2	2		2	
Base Plate			Yes	Yes	Ye	S	Yes	
	Ele	ectro-Mechanica	al Equipm	ent Deta	ails			
Transforme	er Capac	city (kVA)			200			
Sanctioned	Load (k	(wh)			L79		ı	
Motor Pow	er (HP)		60	60	60		60	
Motor Mal	ке		Siemen s	Siemer s	BEC	0	BECO	
MCU		Y	es		١	lo		
Earthing of Motor			Υ	es		N	lo	
Power Wiring			Y	es		١	lo	
Service Cable			Υ	es		١	lo	
Earthing of MCU			Υ	es		No		
Energy Me	ter		Υ	es		No		
Water Met	er		Υ	es	No			
PFI Equipm	ent		Υ	es		١	lo	
Generator			Υ	es		N	lo	



Asset Code: \_

**Pictures** 





	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		iate Pumping Stati endition Assessmer		Asset Code: Date: 02-05-2023						
Change Over		Yes	No							
		Overa	ll Rating							
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	Α	В	С	D	E					
		Remarks / F	Requirements							
No remarks										
Data Collected By	: Mr. Abdullah	Designation: Tea	m Member	Juloh Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation: Tea	m Lead	Sign & Date: 30 May 2023						

Asset Code: \_

**Pictures** 

		Integrated I	Developm	ent a	nd A	sset Mana	gement P
			Municip	al Co	mmi	ttee Baha	walnagar
Form IDAMP			liate Pump ondition A				
		Asset De	tail				
Name			De	egree	Colle	ege	
Location	Latitud				94161 57096		
Location	Longit	ude		_			
Address				_	Colle alnag	<b>O</b> ,	
Area (Mari	Area (Marla)				ر مارانم <u>د</u> 2	gai	1
Working Status			Functio			Non- nctional	
Construction Year of Water Works				20	007		
Installation Year of Pump			2007	,		2007	-2
Capital Cos	t of Ma	chinery					
Operationa	Operational Hours					3	(3)
Delivery	Dia		6"			6"	
Pipe	Material		MS			MS	
	Apron Around Pump House			Yes		No	
Hoisting Gi	rder		Yes		No		Google
Civil Struct	ure Con	dition	Good	F	air	Poor	Joogle and
Approach t	o Pump		Good	Fa	air	Poor	West Annual S
		Pump De			ı		12.14
			Pump			ump B	1 12
Pump Type			Centrifugal		Centrifugal		
Pump Mak		(0)	MECO 1 E		MECO 1 5		weeks and the second
Discharge (			1.5		1.5		
Rotational	Speea (	RPIVI)	1470	)	1470		THE PER
Head (ft.)		I	100		100		Google
Paint of Pu			Poor		Poor		-
Number of Valves	Gate V	eturning Valve	2			2	-
Base Plate	NOII-N	eturring valve	Yes			Yes	
Dase Flate	Flectro	o-Mechanical Ed		Deta	ilc	163	
Transform			<sub>l</sub> uipiniciit		00		
Sanctioned					51		
Motor Pow		,	40		_	40	
Motor Mal			Sieme	ns	S	iemens	Google
MCU			Yes			No	
Earthing of Motor			Yes			No	1
Power Wiring			Yes			No	1
Service Cable			Yes		No		]
Earthing of MCU			Yes			No	
Energy Me	ter		Yes		No		]
Water Met	er		Yes			No	
PFI Equipm	ent		Yes			No	
Generator			Yes			No	
Change Ov	er		Yes			No	







	Integrated D	evelopment and A	sset Management	Plan (IDAMP)						
	Municipal Committee Bahawalnagar									
Form: IDAMP-A1		ate Pumping Station		Asset	Code: Date: 02-05-2023					
	Overall Rating									
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	Α	A B C			E					
		Remarks / R	equirements							
No remarks										
Data Collected By	: Mr. Abdullah	Designation: Tean	n Member	Julyh Sign & Date: 30 May 2023						
Data Checked By:	Mr. M. Fiaz	Designation: Tean	n Lead	Sign & Date: 30 May 2023						

# F. Water Supply Network

Sr #	Dia	Length (meter)	Age(years)	Condition	Material	Book Value (PKR Mil)
1	3"	8438				0
2	4"	10571				0
3	6"	10371				0
4	8"	3307				0
5	9"	160				0
6	10"	3619				0
7	12"	1635	51	Failing	AC	0
8	14"	89	21	Failing	AC	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				8
16	4"	14799				11
17	6"	14519				14
18	8"	4629				6
19	9"	224				1
20	10"	5067				8
21	12"	2289	11	Good	PVC,PRCC	5
22	14"	125	11	Good	r vc,r ncc	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				31
30	4"	16913				40
31	6"	16593				43
32	8"	5291				16
33	9"	256	4	Excellent	PVC,G.I	2
34	10"	5791	4	LACEREIIL	F V C, G.1	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 Devel	opment And A	sset Mana	gement Plan (IDA	MP)		
		nicipal Commit					
Form:	Water	Supply Netwo	ork		Asset Code:		
IDAMP-A5	Asset Co	ndition Assess	ment			Date: 02-05-2023	
	Description		Area (Acres)			Percentage	
	Served Area			1712		54	
	Contaminated Area			1603		93	
V	Water Shortage Area			60		03	
	Unserved Area			1457		46	
	r quality analysis carried ommunity network?		Yes		No		
If yes, v	which lab and paramete	ers?			-		
Finding	s of water quality analy	rsis?			-		
of PEQSs, whi	rameter above the per ch steps are taken to pr g water to the consume			-			
	s of water contamination of the consumers?	on received	Yes			No	
If yes, which	steps were taken to recomplaints?	solve the			-		
Pipe Dia (inches)	Pipe Material	Length	n (m)	Year of Lay	ing	Age of Pipe	
3"	AC	843	8	1972		51	
4"	AC	105	71	1972		51	
6"	AC	103	71	1972		51	
8"	AC	330	)7	1972		51	
9"	AC	16	0	1972		51	
10"	AC	361		1972		51	
12"	AC	163		1972		51	
14"	AC	89		1972		51	
15"	AC	33		1972		51	
16" AC 457			1972		51		
18"	AC	54		1972		51	
20"	AC	49		1972		51	
22"	AC	41		1972		51	
24"	AC	304				51	
3"	PVC, PRCC	118		2012		11	
4"	PVC, PRCC	147	99	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	5	
<ul> <li>No remarks</li> </ul>				
Data Collected By: Mr. Abdullah		Designation: Team Member	Julsh Sign & Date: 30 May	
Data Checked By	v: Mr. M. Fiaz	Designation: Team Lead	Maylay Sign & Date: 30 May	2023

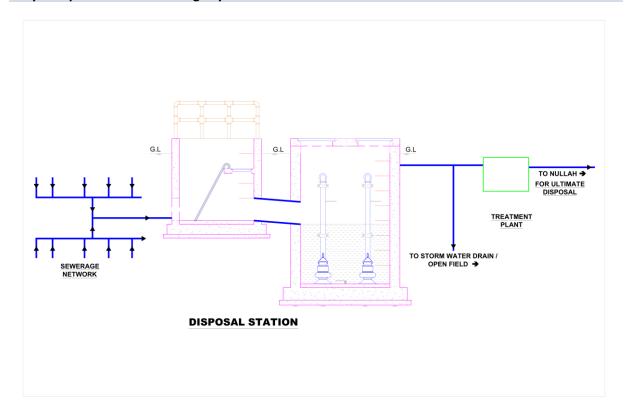
# G. Vehicles/ Machinery

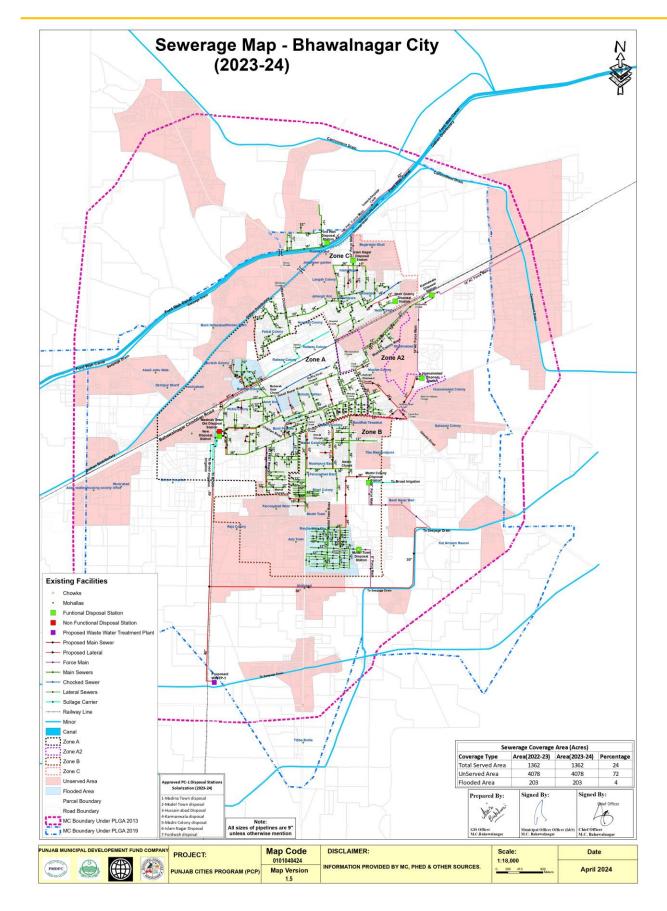
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Water Bowser	BNH 4081	17	Fair	50 HP	Functional	0.8

Integrated Development and Asset Management Plan (IDAMP)									
	Muni	cipal Committee Bahawalnagar							
Form: IDAMP-A16		Moveable Asset Asset Condition Assessment	Asset Code: Date: 02-05-2023						
Type of Vehicle /		Distance							
Machinery		Pictures							
Water Bowser	500 Gallons								
Capacity		500 Gallons							
Purpose	Water Supply								
Year of Manufacturing		2006							
Model		MF 240							
Capital Cost		Not Availab	le						
Fuel Consumption (Lt)		356							
Condition		Fair							
Engine Capacity		50 HP							
Maintenance Cost		Not Availab	le						
Oiling /Fitness		Yes							
Fitness Certificate		No							
Registered		BNH 4081							
Overall Rating		Fair							
No remarks		Remarks / Requirements							
Data Collected By: Mr. Abdul	lah	Designation: Team Member	Jufsh Sign & Date: 30 May 2023						
Data Checked By: Mr. M. Fiaz	7	Designation: Team Lead	Sign & Date: 30 May 2023						

# 2. Sewerage

### **Key Components of a Sewerage System**





### A. Disposal Station

		Age (Ye	ears)	Nos. of	Discharge	Motor	Pump	Motor			Book
Sr#	Name	Civil Structure Pump		pump (Cusec)		hp Make		Make	Condition	Status	Value (PKR Mil)
1	Fordwah	7	7	2	1.5	15	НМА	MECO	Good	Functional	3.6
2	Madina Town New	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	НМА	MECO	Fair	Functional	2.8
6	Hussainabad	7	7	1	1.5	20	НМА	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 Sewerage Disposal Station** Form: **IDAMP-A7 Asset Condition Assessment Asset Detail** Fordwah Disposal Name Station Latitude 30.018637 Location Longitude 73.257302 Fordwah Canal, **Address** Bahawalnagar Area (Acres) 0.3 **Installation Year** 2016 **Capital Cost of Machinery** 24" Outfall Drain Dia Sewer Material **RCC** No. of Screens 1 Screening Goo **Screen Condition** Fair Poor Chamber **Chamber Structure** Masonry Number Rectang Shape Circular ular **Wet Wells** Size 25' **RCC** Structure Masonry Railing Yes No No. of force mains 1 Dia 10" **PVC** Material **Force Main Starting Point Disposal Station Ending Point** Seepage Drain 3 km Length Size Shape **Sullage Carrier** No Sullage Carrier Length Condition 8" Dia **Delivery Pipe** Material C.I 8" Dia **Suction Pipe** C.I Material **Sluice Valves** 2 **Number of Valves Non-Return Valves** 2 **Penstock Valves Ultimate Disposal** Seepage Drain Goo **Civil Structure Condition** Fair Poor d Goo **Control Room Structure** Fair Poor d Goo **Discharge Box Structure** Fair Poor d Goo **Approach to Pump House** Fair Poor d



**Pictures** 

**Asset Code:** 









	Integrated [	Develo	pment and	Asset Man	agement Pla	an (IDAMP)		
Hoisting Girder	<u> </u>		Yes	No				
Boundary Wall &	Gate		Yes	No				
Treatment of Sew			Yes	No				
Wastewater daily		dav?						
(based on availab			12	27				
Ultimate disposal								
-	o-Mechanical Eq	uipme	nt Details					
Number of WAPD	<u> </u>	игрине.		1				
Transformer Capa					-			
Number of MCU	icity (KVA)		25					
Sanctioned Load (kWh)				<u>.</u> !3				
Power Factor Improvement Equipment			Yes	No				
Service Cable	Tovernent Equipi	Herri	Yes	No				
Power Wiring			Yes	No				
	•			No				
Earthing of Motor	l		Yes	No				
Earthing of MCU Generator Availab	aility		Yes	No				
			Yes					
Light Wiring of Pu	ımp House		Yes	No				
Change Over			Yes	No No				
			Pum	p Detail				
				Pump A	1-	Pump B		
Pump Type			Submersible			Submersible		
Pump Brand			HMA			HMA Good		
Pump Paint				Good		MECO		
Motor Brand			MECO 2016					
Installation Year o	•			2016			016	
Discharge Capacit				1.5			1.5	
Rotational Speed	(RPM)		960				960	
Head (ft.)			40				40	
Motor Power (HP)	•		20				20	
Pump Daily Runni	ing Time (Hours)			4			4	
Base Plate	1		Yes		No	Yes	No	
	Sluice Valve					2		
Number of Valves	110111111111111111111111111111111111111	g				2		
	Valve							
				all Rating				
Average Score	1		2		3	4	5	
Asset Condition	Excellent		Good	Fá	air	Poor	Failing	
Category	Α		В		С	D	E	
			Remarks /	Requireme	ents			
<ul> <li>No remarks</li> </ul>								
Data Collected By: Mr. Abdullah		Designation: Team Member		1ember	Jufsh Sign & Date: 30 May 2023			
Data Checked By: Mr. M. Fiaz			Designation: Team Lead			Sign & Date: 30 May 2023		

	Integrated Develo	pment a	and A	\ss	et Man	agement Plan (IDA	MP)
	Muni	icipal Co	omm	itte	ee Baha	walnagar	
Form: IDAMP-A7	Sewerage Disp Asset Condition						A
	Asset Detail						Pict
Name		ls	lam I	۷a٤	gar		
Location	Latitude	3	0.01	567	78		10
Locution	Longitude		3.26				-
Address			am N hawa	_			
Area (Acres)			0.3	35			
Installation Year			201	16		Bahāwaln Jahangir Ko	t, Bahāwal
Capital Cost of Ma	chinery					Lat 30.0189 Long 73.257	7494°
Outfall Drai	-		36	"		Google 02/05/23 03	3:56 PM GI
Sewer	Material		RC	C			Marie Con Control
	No. of Screens		2				
Screening Chamber	Screen Condition	Goo d	Fa	ir	Poor		
	<b>Chamber Structure</b>		Masc	nr	У	SELECTION OF THE PERSON OF THE	
	Number		2				
	Shape		Rectang Circular		Bahāwaln 2786+2RJ, Di Punjab, Pakis Lat 30.01567:	isposal Road stan	
Wet Wells	Size		35	,'		Google Long 73.2612	48°
	Structure	Maso	nry		RCC	OLIGOTES STATE	
	Railing	Yes	;		No		and on y
	No. of force mains		1			AL WAY	Tay ke
	Dia		24	"			A STATE OF
Force Main	Material		ΑŒ	0			
Force Ividin	Starting Point	Disposal Station			ation		
	<b>Ending Point</b>	Seepage Drain			rain	Bahāwaln 2786+2RJ, Di	
	Length		150	00'		Punjab, Pakis Lat 30.01572	
	Size					Google Long 73.2613	
Sullage Carrier	Shape	No S	ullag	e (	arrier		
ounage carrier	Length		ua6		arrie.		
	Condition						
Delivery Pipe	Dia		10				
	Material		C.				
Suction Pipe	Dia Material		10 C.			Bahāwaln	
	Sluice Valves		 9			2786+2RJ, Di Punjab, Pakis	isposal Road
Number of Valves			<u> </u>			Lat 30.01588 Long 73.2614	13°
Number of valves	Penstock Valves		2			Google 02/05/23 03:	
Ultimate Disposal		See	epage		rain		
Civil Structure Condition		Goo	Fa		Poor		
Control Room Structure		Goo d	Fa	ir	Poor		
Discharge Box Str	ucture	Goo d	Fa	ir	Poor	Bahāwain 2786+2RJ, Di Punjab, Pakis	isposal Road stan
Approach to Pum	o House	Goo d	Fa	ir	Poor	Google Lat 30.015824 Long 73.2612 02/05/23 04:	223°
<b>Hoisting Girder</b>		Yes	5		No		



**Pictures** 

**Asset Code:** 









	Integrated D	evelo	pment :	and /	Asset Man	agem	ent Pla	n (IDAI	MP)		
Boundary Wall & G		cvcio	Yes		No	agem	CIIC I IG	ווי (ווייי	v /		
Treatment of Sewa			Yes		No						
Wastewater daily d		lav?	10.		110						
(based on available				46	02						
Ultimate disposal of		v.c,									
•	-Mechanical Equ	inme	nt Deta	ilc							
Number of WAPDA	-	ipilic		1							
Transformer Capac				20							
Number of MCU	ity (KVA)		5								
Sanctioned Load (k	\//b\			15							
Power Factor Improvement Equipment			Yes		No						
Service Cable	overnent Equipm	CIIC	Yes		No						
Power Wiring			Yes		No						
Earthing of Motor			Yes		No						
Earthing of MCU			Yes		No						
Generator Availabi	lity		Yes		No						
Light Wiring of Pun			Yes		No						
	ih unnse		Yes		No						
Change Over				_	p Detail						
				np A	Pum	n B	Dur	np C	Pump	n	Pump E
			Full	ηрΑ	, Centrif			rifugal	Centrifu		Centrifugal
Pump Type			Subm	ersik	ol Centin	_		on-	/Non-	_	/Non-
rump Type				е	Clogg				-		Clogging
Pump Brand			НМА		Mast		Clogging MECO		Clogging MECO		MECO
•				air	Fai		Fair		Fair	,	Fair
Pump Paint Motor Brand			1	CO	MEC			CO	MECC	`	MECO
Installation Year of	Dumn			16	201			16	2016	_	2016
Discharge Capacity				.5	3	·U		3	3		3
Rotational Speed (I				. <u>.                                   </u>	960	1		60	960		960
Head (ft.)	AF IVI)				50			50	50		50
Motor Power (HP)			50 20		40		40		40		40
Wiotor Fower (III)			20		70		Non-		Non-		Non-
Pump Daily Runnin	g Time (Hours)		1	.0	10	)	Functional		Function		Functional
Base Plate			Yes	No	Yes	No	Yes	No		Vo	Yes No
Dase Flate	Sluice Valve		163	IVC	163	NO		9	163	10	163 110
Number of Valves	Non-Returning						•				
ranibel of valves	Valve						!	5			
			C	)vera	II Rating						
Average Score	1		2			3			4		5
Asset Condition	Excellent		Good		F	air		P	oor		Failing
Category	Α		В			С			D		E
			Remar	rks /	Requireme	ents					
No remarks			T				Ī				
Data Collected By: Mr. Abdullah			Designation: Team Member			er	Jufoh Sign & Date: 30 May 2023				
Data Checked By: Mr. M. Fiaz			Designation: Team Lead					Mayfry			

Municipal Committee Bahawalnagar

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

# Municipal Committee Bahawalnagar

Date: 02-05-2023

**Asset Code:** 

	Integrated Develo	pment a	and Ass	et Mana	agement Plan (IDAMP)		
	Muni	cipal Co	mmitt	ee Baha	walnagar		
Form: IDAMP-A7	Sewerage Disp Asset Condition	•					
	Asset Detail				Pict		
Name		Ka	ırmanv	/ala			
Name	1	•	osal St				
Location	Latitude		0.0107				
	Longitude		3.2719				
Address			rmanw hawaln	-			
Area (Acres)			0.15		Bahāwalnagar, Pu 276C+HF6, Manchinaba		
Installation Year			2016		Pakistan Lat 30.010709°		
Capital Cost of Mad	chinery				Google Long 73.271959° 02/05/23 04:34 PM GMT		
Outfall Drain	Dia		15"		page 2500 malinates and page 1 mg		
Sewer	Material		RCC				
	No. of Screens		1				
Screening Chamber	Screen Condition	Goo d	Fair	Poor			
	Chamber Structure	Masonry		ry			
	Number		1		Bahāwalnagar, Pu 276C+9G2, Bahāwaln		
	Shape	Recta ulai	_ (	Circular	Lat 30.010789° Long 73.272052° 02/05/23 04:35 PM 0		
Wet Wells	Size		20′				
	Structure	Masoi	nry	RCC			
	Railing	Yes		No			
	No. of force mains		1				
	Dia	18"					
Force Main	Material	AC			Section and		
	Starting Point		osal St		Bahāwalnagar, Pu 276C+9G2, Bahāwalı		
	Ending Point	See	page D	rain	Lat 30.010848° Long 73.272038°		
	Length		5700′		Google 02/05/23 04:35 PM 0		
	Size						
Sullage Carrier	Shape	No S	ullage (	Carrier			
	Length Condition						
	Dia		8"				
Delivery Pipe	Material		C.I				
	Dia		8"		Bahāwalnagar, Pu		
Suction Pipe	Material		C.I		276C+9G2, Bahāwalr Lat 30.010924°		
	Sluice Valves		1		Long 73.272042°		
Number of Valves	Non-Return Valves		1		Joogie		
	Penstock Valves		1				
Ultimate Disposal		See	page D	rain			
Civil Structure Cond	Goo d	Fair	Poor	100 2 100 100 100 100 100 100 100 100 10			
Control Room Structure			Fair	Poor	Bahāwalnagar, Pu		
Discharge Box Stru	cture	Goo d	Fair	Poor	276C+9G2, Bahāwair Lat 30.010938° Long 73.272073°		
Approach to Pump	House	Goo d	Fair	Poor	Google 02/05/23 04:35 PM 0		



**Pictures** 









		CVCIO	pillelit allu	Asset iviana	agement Pi	an (IDAMP)			
Hoisting Girder			Yes	No					
Boundary Wall & G	iate		Yes	No					
Treatment of Sewa	ige		Yes	No					
Wastewater daily of	discharge in m <sup>3</sup> /	day?	1841						
(based on available	e information at	MC)	10	041					
Ultimate disposal o	of wastewater?								
	o-Mechanical Equ	uipme	nt Details						
Number of WAPDA	A Feeders			1					
Transformer Capac	ity (kVA)			25					
Number of MCU				1					
Sanctioned Load (kWh)				20					
Power Factor Impr	ovement Equipn	nent	Yes	No					
Service Cable			Yes	No					
Power Wiring			Yes	No					
Earthing of Motor			Yes	No					
Earthing of MCU			Yes	No					
Generator Availabi	•		Yes Yes	No No					
	Light Wiring of Pump House								
Change Over			Yes	No					
			Pum	p Detail					
						mp A			
Pump Type			Submersible						
Pump Brand						IMA			
Pump Paint						Fair			
Motor Brand						IECO			
Installation Year of	•					016			
Discharge Capacity						1.5			
Rotational Speed (	RPM)		960						
Head (ft.)			50						
Motor Power (HP)	_		20						
Pump Daily Runnin	ig Time (Hours)		12						
Base Plate			Yes No						
N 1 61/1	Sluice Valve		1						
Number of Valves	Non-Returning	3				1			
	Valve		Orean	all Rating					
Average Score	1		2		3	4	5		
Asset Condition	Excellent		Good		air	Poor	Failing		
	Α		В		C	D	E		
Category	Α			Requireme	_	<u> </u>	<u> </u>		
No remarks			cmarks /	печанение					
Data Collected By: I	Mr. Abdullah		Designation	on: Team M	lember	Julop			
Data Checked By: N	Лr. M. Fiaz		Designation: Team Lead			Sign & Date: 30 May 2023  Sign & Date: 30 May 2023			

Date: 02-05-2023

**Asset Code:** 

Form:	Muni	-!1 6-								
Form:	Municipal Committee Bah									
IDAMP-A7	Sewerage Disp Asset Condition				A					
	Asset Detail				Pict					
Name	Нι	ıssaina	ıbad							
Ivallie		Disp	osal S	tation						
Location	Latitude	29.999318			200					
Location	Longitude	73.271067								
Address		Hussainabad, Bahawalnagar								
Area (Acres)		0.35		Bahāwalnagar, Pu 276C+9G2, Bahāwaln						
Installation Year			2016	;	Lat 30.010938° Long 73.272073°					
Capital Cost of Machi	inery				Google 02/05/23 04:48 PM 0					
Outfall Drain	Dia		27"		The second secon					
Sewer	Material		RCC							
	No. of Screens		2							
Screening Chamber	Screen Condition	Goo d	Fair	Poor						
	<b>Chamber Structure</b>		Masonry		ALL MANAGEMENT OF THE PARTY OF					
	Number		2		Bahāwalnagar, Pu x7xC+66R, Bypass, Hus					
	Shape	Recta ulai	_ (	Circular	Punjab, Pakistan Lat 29,999318° Long 73.271067° 02/05/23 04:48 PM GMT					
Wet Wells	Size		25′		02/03/23 04:46 FW GWI					
	Structure	Masoi	nry	RCC						
	Railing	Yes	;	No						
	No. of force mains		1							
	Dia		16"							
	Material	AC								
Force Main	Starting Point	Disposal Station		tation	Bahāwalnagar, Pu x7xC+66R, Bypass, Hus					
	Ending Point	Karmanwala			Punjab, Pakistan Lat 29.999305°					
_			Dispos		Google Long 73.271143° 02/05/23 04:48 PM GMT					
	Length		4140	,						
_	Size									
Sullage Carrier	Shape	No Sullage Carrier								
-	Length Condition				1					
	Dia		8"		100					
Delivery Pipe	Material		 C.I		Bahāwalnagar, Pu					
	Dia		8"		X7XC+66R, Bypass, Hus Punjab, Pakistan					
Suction Pipe	Material		C.I		Lat 29.99923° Long 73.271274°					
	Sluice Valves		1		02/05/23 04:49 PM GMT					
Number of Valves	Non-Return Valves		1							
<u> </u>	Penstock Valves		2							
Ultimate Disposal		Karmanwala Disposal								
Civil Structure Condit	tion	Goo d	Fair	Poor	Bahāwalnagar, Pu					
Control Room Structu	ure	Goo	Fair	Poor	276C+9G2, Bahāwalr Lat 30.010938° Long 73.272073°					
Discharge Box Structo	ure	Goo d	Fair	Poor	92/05/23 04:35 PM 0					



**Pictures** 









	Integrated Development and Asset Management Plan (IDAMP)										
Approach to Pump	House	Goo d	Fai	r Poor							
Hoisting Girder		Yes		No							
Boundary Wall & G	ate	Yes		No							
Treatment of Sewa	ge	Yes		No							
Wastewater daily d	lischarge in m <sup>3</sup> /day?		10/	11							
(based on available	information at MC)		184	) I							
Ultimate disposal o	f wastewater?										
Electro	-Mechanical Equipme	ent Detai	ls								
Number of WAPDA	Feeders		1								
Transformer Capac	ity (kVA)		200	0							
Number of MCU			1								
Sanctioned Load (k	•		20								
-	ovement Equipment	Yes		No							
Service Cable		Yes		No							
Power Wiring		Yes		No							
Earthing of Motor		Yes		No							
Earthing of MCU	••	Yes		No							
Generator Availabi		Yes		No							
Light Wiring of Pun	np House	Yes		No							
Change Over		Yes		No							
		1	ump	Detail	D.,	A					
Dumn Tuno			Pump A Submersible								
Pump Type Pump Brand						IMA					
Pump Paint						air					
Motor Brand						IECO					
Installation Year of	Dumn	2016									
Discharge Capacity	•	1.5									
Rotational Speed (F		960									
Head (ft.)	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	50									
Motor Power (HP)		20									
Pump Daily Runnin	g Time (Hours)	12									
Base Plate	g rime (riouis)	Yes No									
	Sluice Valve					1					
Number of Valves	Non-Returning										
	Valve					1					
		0	veral	ll Rating							
Average Score	1	2		•	3	4	5				
Asset Condition	Excellent	Good		Fa	air	Poor	Failing				
Category	Α	В			С	D	E				
		Remar	ks / F	Requireme	ents						
No remarks		•				1					
Data Collected By: I	Mr. Abdullah	Desigr	Designation: Team Member			Jufoh Sign & Data: 20 May 2022					
Data Checked By: M	1r. M. Fiaz	Desigr	natioi	n: Team Le	ead	Sign & Date: 30 May 2023  Sign & Date: 30 May 2023					

Municipal Committee Bahawalnagar

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



**Pictures** 

**Asset Code:** 









	Integrated I	Develo	pment and	Asset	Mana	gement Pl	an (IDAMP)			
Boundary Wall 8	k Gate		Yes	N	0					
Treatment of Se	wage		Yes	N	0					
Wastewater dail	y discharge in m <sup>3</sup> /	day?	C-	, F O						
(based on availa	ble information at	MC)	67	'50						
Ultimate disposa	al of wastewater?									
Elec	tro-Mechanical Eq	uipme	nt Details	t Details						
Number of WAPDA Feeders				1						
Transformer Capacity (kVA)			20	200						
Number of MCU				8						
Sanctioned Load	(kWh)		160							
Power Factor Im	provement Equip	ment	Yes	N	0					
Service Cable			Yes	N	О					
Power Wiring			Yes	N	o					
Earthing of Moto	or		Yes	N	0					
Earthing of MCU			Yes	N	O					
Generator Availa	ability		Yes	N	o					
Light Wiring of P	ump House		Yes	N	0					
Change Over			Yes	N	0					
			Pum	p Deta	ail					
			Pump	Α	F	Pump B	Pump	С	Pump D	
Pump Type	Dumn Tuno		Centrifuga	al/No		trifugal/No	Centrifug	al/No	Centrifugal/No	
				n-	Clogging	n-Clogging		n-Clogging		
Pump Brand		Master			HMA	HMA		HMA		
Pump Paint			Fair			110.40				
Motor Brand			Siemei	ns		HMA	HMA	١	HMA	
Installation Year	•		2016	i						
Discharge Capac			3			3	3		3	
Rotational Speed	d (RPM)		960							
Head (ft.)			50							
Motor Power (H	P)		60		60		60		60	
Pump Daily Runi	ning Time (Hours)		22		Non-		Non		Non-	
			V	NI -		ınctional	Functio		Functional	
Base Plate			Yes	No F	Yes		Yes No		Yes No	
				np E			mp F	C	Pump G Centrifugal/Non-	
Pump Type			Centrifu	igai/ivo gging	JI1-		•		Clogging	
Pump Brand				MA			gging MA		HMA	
Pump Paint			<u>п</u>	VIA		Г	IVIA		HIVIA	
Motor Brand			Ш	ΛΛΔ		L	MA		HMA	
Installation Year	of Pump		HMA			'	IVIA		AIVIFI	
Discharge Capac	<b>.</b>			3			2		3	
Rotational Speed	<u> </u>			<u> </u>		3				
Head (ft.)	a (111 141)									
Motor Power (H	D)		-	50			60		60	
•	•		Non-Fu		al		unctional	N	on-Functional	
Base Plate	Pump Daily Running Time (Hours)		Yes	_	lo	Yes	No		es No	
	Sluice Valve						14		110	
Number of Valve		g								
	Valve						7			
			Overa	all Rat	ing					
Average Score	1		2		3		4		5	
Asset Condition	Excellent		Good		Fa	ir	Poor		Failing	
	I .			<u> </u>						

	Integrated Development and Asset Management Plan (IDAMP)											
Category	Α	В	С	D	E							
Remarks / Requirements												
<ul> <li>No remarks</li> </ul>	1											
Data Collected B	y: Mr. Abdullah	Designation	on: Team Member	Sign & Date: 30								
Data Checked By	r: Mr. M. Fiaz	Designation	on: Team Lead	Sign & Date: 30	May 2023							

	Integrated Develo	pment a	and .	Ass	et Mana	agement Plan	(IDAMP)
	Muni	cipal Co	mm	nitte	ee Baha	walnagar	
Form: IDAMP-A7	Sewerage Disp Asset Condition						Δ
	Asset Detail						Pict
Name	1			-	n Old		
Location	Latitude		9.99				
20041011	Longitude		73.240822				C C
Address					wn, agar		
Area (Acres)	Area (Acres)			.8			
Installation Year		No	t Av	/aila	ıble	X7	ahāwalnagar, Pu XC+66R, Bypass, Hus
Capital Cost of Ma	chinery					La	29.999145°
Outfall Drai	n Dia						19 73.271129* 105/23 10:08 AM GMT
Sewer	Material						
	No. of Screens					Company 200	
Screening Chamber	Screen Condition	Goo d	Fa	air	Poor		
	<b>Chamber Structure</b>						May 1
	Number						Series .
	Shape	Recta ula	-	C	ircular	X7 Pu	
Wet Wells	Size					Lo	ng 73.271129°
Wet Wells	Structure	Maso	nry		RCC		700;23 10:06 AN GNT
	Railing	Yes	;		No		
	No. of force mains						
	Dia					West .	
Favor Main	Material						
Force Main	Starting Point					hallows I. *	4000
	<b>Ending Point</b>					Ba	ahāwalnagar, Pu XC+66R, Bypass, Hus
	Length					Pu	njab, Pakistan
	Size					Lo	
Sullage Carrier	Shape						
Sullage Carrier	Length						
	Condition					Bahāwalna X7XC+66R, By Punjab, Pakista Lat 29.999145 Long 73.27112c 03/05/23 10:00  Bahāwalna X7XC+66R, By Punjab, Pakista Lat 29.99145 Long 73.2712c 03/05/23 10:00  Bahāwalna X7XC+66R, By Punjab, Pakista Lat 29.99145 Long 73.2712c 03/05/23 10:00  Bahāwalna X7XC+66R, By Punjab, Pakista Lat 29.99145 Long 73.2712c 03/05/23 10:00  Bahāwalna X7XC+66R, By Punjab, Pakista Lat 29.99145 Long 73.2712c 03/05/23 10:00	
Delivery Pipe	Dia						
Delivery ripe	Material						
Suction Pipe	Dia						
- Suction 1 ipc	Material						ahāwalnagar, Pu xc+66R, Bypass, Hus
	Sluice Valves					Pu	njab, Pakistan
Number of Valves						Lo	
	Penstock Valves						
Ultimate Disposal		_	1		I		
Civil Structure Cor	ndition	Goo d	Fa	air	Poor		
Control Room Str	ucture	Goo d	Fa	air	Poor		
Discharge Box Str	ucture	Goo d	Fa	air	Poor	X7 Pu	
Approach to Pum	p House	Goo d	Fa	air	Poor	Lo	
<b>Hoisting Girder</b>		Yes	;		No		



**Pictures** 

**Asset Code:** 









Integrated Development and Asset Management Plan (IDAMP)									
Boundary Wall &	Gate		Yes	No					
Treatment of Sev	wage		Yes	No					
Wastewater dail	y discharge in m³/	day?			1				
(based on availal	ole information at	MC)							
Ultimate disposa	I of wastewater?								
Elect	ro-Mechanical Eq	uipme	nt Details						
Number of WAPI	DA Feeders				1				
Transformer Cap	acity (kVA)								
Number of MCU					1				
Sanctioned Load	(kWh)								
Power Factor Improvement Equipment			Yes	No	1				
Service Cable			Yes	No	1				
Power Wiring			Yes	No					
Earthing of Moto	or		Yes	No	1				
Earthing of MCU			Yes	No	1				
Generator Availa			Yes	No	1				
Light Wiring of P			Yes	No	1				
Change Over				No	1				
			Yes Pum	p Detail					
				Pump A	4	Pu	ımp B		
Pump Type				<u> </u>			•		
Pump Brand									
Pump Paint									
Motor Brand									
Installation Year	of Pump								
Discharge Capaci	•								
Rotational Speed									
Head (ft.)	. ()								
Motor Power (HI	<b>)</b>								
Pump Daily Runn	•								
Base Plate			Yes No			Yes	No		
200011000	Sluice Valve								
Number of Valve		σ							
	Valve	•							
			Over	all Rating					
Average Score	1		2		3	4	5		
Asset	_					<u> </u>			
Condition	Excellent		Good	F	air	Poor	Failing		
Category	Α		В		С	D	Е		
			Remarks /	Requirem	ents				
This Disnosa	Station has been	ahand	oned						
- This Disposal	- Jeanon Has Deen	abanu	T			Γ			
						<b>1</b>	11.		
				_		ful	on		
Data Collected By: Mr. Abdullah		Designati	Designation: Team Member						
					<i>Ciam</i> 8 5 1 33	A.4 2022			
						Sign & Date: 30	IVIAY 2023		
						a min	eph-		
Data Chacked Pro	· Mr M Eigz		Decianati	on: Toam !	ead	/vi sug	ry		
Data Checked By:	IVII. IVI. FIUZ		Designation	on: Team L	cuu	DM O			
						Sign & Date: 30 May 2023			
	L			Jigii & Dule. 30	IVIUY ZUZJ				

Date: 02-05-2023

**Asset Code:** 

	Integrated Develo	pment a	nd <i>F</i>	Asso	et Mana	igement	Plan	(IDAMP)
	Muni	cipal Co	mm	itte	e Baha	walnaga	r	
Form: IDAMP-A7	Sewerage Disp Asset Condition							
	Asset Detail							Pic
Name		Mad	dni (	Col	ony			
	Latitude		9.98			100		
Location	Longitude	73	3.26	201	L4			A San
Addass		Mad	dni (	Colo	ony,		6	
Address		Bah	awa	alna	agar			
Area (Acres)			0.8	35				
Installation Year			20	11			_ X7X0	nāwalnagar, P C+66R, Bypass, Hi
Capital Cost of Ma	achinery						Lat 2	ab, Pakistan 9.999145°
Outfall Drai			36			Google		73.271129° 5/23 10:27 AM GM
Sewer	Material		RC	C		Control of San Williams	-	9 11 10 10 10 10 10 10 10 10 10 10 10 10
Screening	No. of Screens		2					
Chamber	Screen Condition	Good	_	air	Poor			
	Chamber Structure	N	/lasc		У	11/1	7100	
	Number		2					
	Shape	Rectar ular	ng	Circular				nāwalnagar, P C+66R, Bypass, Hu
Wet Wells Force Main	Size		25	<i>"</i>			Punja	ab, Pakistan 9.999145°
	Structure	Mason	ry		RCC	Google	Long	73.271129° 5/23 10:28 AM GN
	Railing	Yes			No	TOTAL SERVICE	-	
	No. of force mains		1					ATTA STATE
	Dia		20	)"				
Force Main	Material		PV	′C				T.Westinger
TOICE WIGHT	Starting Point	Disp	osal	Sta	ation			
	Ending Point	Seepage Drain			$\subseteq$			
	Length	5600′		City				
	Size	2.5'x4'				Lat 2	9.999145°	
Sullage Carrier	Shape	Rectangular			Google			
	Length		70			The state of the St		7
	Condition		Fa				A Aug	-
Delivery Pipe	Dia		8					
	Material Dia		C.				Bahāwalnagar X7XC-66R, Bypass, Punjab, Pakistan Lit 28 pagenda* Long 73.271129* I SAU5/23 10:23 AM	And the second
Suction Pipe	Material		C.					
	Sluice Valves		- 8			Party Const	Rah	nāwalnagar, P
Number of Valves			4			1	X7X0	C+66R, Bypass, Hu ab, Pakistan
realiser of valves	Penstock Valves		2				Lat 2	9.999145° 73.271129°
Ultimate Disposa		See			rain	Google		5/23 10:28 AM GM
-	Civil Structure Condition			air	Poor			
Control Room Str	ucture	Good	Fa	air	Poor	3/6	1	
Discharge Box Structure		Good	Fa	air	Poor		3	院
Approach to Pum	Approach to Pump House		Fa	ir	Poor			
Hoisting Girder					No		2	
Boundary Wall &	Gate	Yes			No			nāwalnagar, P C+66R, Bypass, Hu
Treatment of Sew	_	Yes			No		Punja	:+66R, Bypass, Hi ab, Pakistan 9.999145°
	discharge in m³/day? le information at MC)	4909				Google	Long	9.999145° 73.271129° 5/23 10:29 AM GN
Ultimate disposal								
Citimate disposal		l						



**Pictures** 









	Integrated [			Asset	Mana	gement Pla	ın (IDAM	IP)		
Electro	o-Mechanical Eq	uipme	nt Details							
Number of WAPD	A Feeders			1						
Transformer Capac	city (kVA)		2	00						
Number of MCU				5						
Sanctioned Load (I	kWh)		1	43						
Power Factor Impr	ovement Equipr	nent	Yes	N	0					
Service Cable			Yes	N	o					
Power Wiring			Yes	N	0					
Earthing of Motor			Yes No		0					
Earthing of MCU			Yes	N	О					
Generator Availab	ility		Yes	N	o					
Light Wiring of Pur			Yes	N	0					
Change Over	•		Yes No		О					
J			Pur	np Det	ail					
			Pump	•		Pump B	Pui	mp C	Pump D	
D T.			Centrifug			trifugal/No		ugal/No	Centrifugal/No	
Pump Type			n-Clogg			Clogging	n-Clo	ogging	n-Clogging	
Pump Brand			KSB			MECO		ECO	MECO	
Pump Paint			Fair							
Motor Brand	•		Siemens			MECO	MECO		MECO	
Installation Year o	f Pump		2020							
Discharge Capacity (Cusecs)		3								
Rotational Speed (	•		960							
Head (ft.)	•		50							
Motor Power (HP)			40							
, ,			16			Non-	N	on-	Non-	
Pump Daily Runnir	ng Time (Hours)		16		Functional		Functional		Functional	
Base Plate			Yes	No	Ye	s No	Yes	No	Yes No	
	Sluice Valve				ı		8		1	
Number of Valves	Non-Returning	3					-			
	Valve						4			
			Over	all Rat	ing					
Average Score	1		2		3	,	4	l .	5	
Asset	Excellent		Good		Fa	ir	Po	or	Failing	
Condition										
Category	Α		B					)	E	
			Remarks /	Requ	ireme	nts				
No remarks			I							
Data Collected By:	Mr. Abdullah		Designati	on: Te	am M	ember	mber ful of h		Sh	
							Sign &	Date: 30	May 2023	
Data Checked By: N	Mr. M. Fiaz		Designati	on: Te	am Le	ad	Mayery			
							Sign & Date: 30 May 2023			

	Integrated Develo	pment a	and As	set Man	agement Plan (IDAMF	P)
	Muni	cipal Co	mmit	tee Baha	walnagar	
Form: IDAMP-A7	Sewerage Disp Asset Condition					Α
	Asset Detail				Pi	ict
Name		М	odel T	own		
Location	Latitude	2	9.976	654		
Location	Longitude					
Address			odel To hawalı	-		2
Area (Acres)	_	0.3	- 0-	STANDIS -	in and	
Installation Year			1965	5	Bahāwainagar, X7XC+66R, Bypass,	
Capital Cost of Mad	chinery				Punjab, Pakistan Lat 29.999145°	
Outfall Drain	_		18"		Google Long 73.271129° 03/05/23 10:56 AM	GMT
Sewer	Material		RCC			-
	No. of Screens		0			
Screening Chamber	Screen Condition	Goo d	Fair	Poor		
	Chamber Structure	-	Į	ı		
	Number		1			
	Shape	Rectang Circular		Circular	Bahāwalnagar, X7XC+66R, Bypass, Punjab, Pakistan	
Wet Wells	Size	a.a.	25'		Lat 29.999145° Long 73.271129° page 12.0523 10:57 AM 4	
	Structure	Maso		RCC	900gle 03/05/23 10:57 AM	GMT
	Railing	Yes		No		200
	No. of force mains	1				
	Dia		8"			
	Material	PVC			SEAR .	
Force Main	Starting Point	Disposal Station				THE CO.
	Ending Point	Seepage Drain			Bahāwalnagar,	
	Length		4600		X7XC+66R, Bypass, Punjab, Pakistan	Hus
	Size				Lat 29.999145° Long 73.271129° 03/05/23 10:57 AM	CHI
Callera Camian	Shape	N-C		C	03/00/23 10/37 AN	CON I
Sullage Carrier	Length	No Sullage Carrier				
	Condition					
Delivery Pipe	Dia		6"		The same of the sa	
Delivery Fipe	Material		C.I			
Suction Pipe	Dia		6"			100
- Juction 1 ipc	Material		C.I		Bahāwalnagar, x7xC+66R, Bypass,	
	Sluice Valves		2		Punjab, Pakistan Lat 29.999145°	1
Number of Valves	Non-Return Valves		1		Google Long 73.271129° 03/05/23 10:57 AM	GMT
	Penstock Valves		0		CATH BO DA	
Ultimate Disposal			page	Drain		
Civil Structure Con	dition	Goo d	Fair	Poor		
Control Room Stru	cture	Goo d	Fair	Poor		
Discharge Box Stru	cture	Goo d	Fair	Poor	Bahāwalnagar, X7XC+66R, Bypass, Punjab, Pakistan	
Approach to Pump	House	Goo d	Fair	Poor	Google Lat 29.999145° Long 73.271129° 03/05/23 10:57 AM	GMT
Hoisting Girder		Yes		No		



**Pictures** 

**Asset Code:** 









	Integrated [	Develo	pment and	Asset Mana	agement Pl	an (IDAMP)			
Boundary Wall &			Yes	No		· · · ·			
Treatment of Sev			Yes	No					
	discharge in m <sup>3</sup> /	day?							
	ole information at		18	341					
Ultimate disposa	l of wastewater?	·							
Elect	ro-Mechanical Eq	uipme	nt Details						
Number of WAPE	•	•	1	1					
Transformer Capa	acity (kVA)		25						
Number of MCU	, , , , , , , , , , , , , , , , , , ,		1						
Sanctioned Load (kWh)			2	20					
Power Factor Imp	provement Equipr	nent	Yes	No					
Service Cable	• •		Yes	No					
Power Wiring			Yes	No					
Earthing of Moto	r		Yes	No					
Earthing of MCU			Yes	No					
Generator Availa	bility		Yes	No					
Light Wiring of Pu	•		Yes	No					
Change Over	•		Yes	No					
J			Pun	np Detail					
				•	Pu	ımp A			
Pump Type					Centrifugal	/Non-Clogging			
Pump Brand			Shehzad Pump						
Pump Paint			Good						
Motor Brand					Sie	emens			
Installation Year	of Pump					2021			
Discharge Capaci						1.5			
Rotational Speed	• • • • • • • • • • • • • • • • • • • •					960			
Head (ft.)	(/					50			
Motor Power (HP	P)		20						
Pump Daily Runn			12						
Base Plate	0 - (		Yes No						
	Sluice Valve					2			
Number of Valve		g							
	Valve	_				1			
			Over	all Rating					
Average Score	1		2	3	3	4	5		
Asset Condition	Excellent		Good	Fa	air	Poor	Failing		
Category	Α		В	(	С	D	E		
·			Remarks /	Requireme	ents				
No remarks									
Data Collected By: Mr. Abdullah			Designation: Team Member  Sign & Date: 30 May 2022						
Data Checked By: Mr. M. Fiaz			Designati	on: Team Le	ead	Sign & Date: 30 May 2023  Sign & Date: 30 May 2023			

Municipal Committee Bahawalnagar

### B. Sewerage Network

Sr	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR
#			1.85 (1.55.15)			Mil)
1	9"	5250				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	23	Poor	RCC	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				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	13	Good	RCC	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				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	9	Excellent	RCC	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

Form: Sewerage Network Asset Code:										
IDAMP-A6	A	Asset Condition As	ssessment	Date: 02-05-2023						
Desc	ription	Area	(Acres)	Percei	ntage					
Serve	d Area	13	362	20	6					
Flood	ed Area	2	03	1!	 5					
Unserv	ed Area	4(	078	74	4					
Type and numb	er of complaints									
received to	MC regarding		51 (Bl	ockage)						
	e system?									
-	ered by MC to									
Pipe Dia	complaints		No. of							
(inches)	Pipe Material	Length (m)	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 24	RCC RCC	3172 2514	42 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" 21"	RCC	1677	28	2014	9					
24"	RCC	1154	15	2014	9					
27"	RCC RCC	914 638	12 8	2014 2014	9					
30"	RCC	316	4	2014	9					
33"	RCC									
36"	RCC									
48"	RCC	612	5	2014	9					
		<del></del>	-							

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form: Sewerage Network Asset Code: IDAMP-A6 Asset Condition Assessment Date: 02-05-202									
Data Collected By:	Mr. Abdullah	Designation: Team Member	Jufsh Sign & Date: 30 May 2023						
Data Checked By: N	Лr. M. Fiaz	Designation: Team Lead	Sign & Date: 30 May 2023						

# C. Vehicles/ Machinery

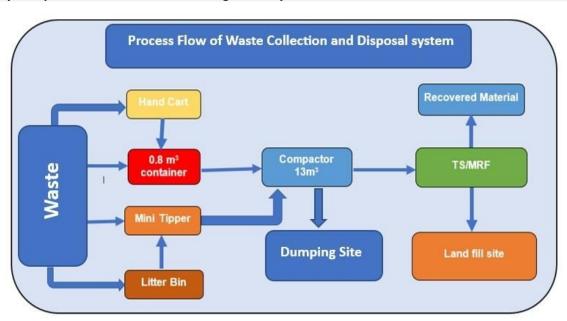
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Suction Machine	TMA-7	16	Fair	6000 CC	Functional	1.1
2	Jetting Machine	TMA-8	16	Fair	6000 CC	Functional	1.1
3	De Watering Sets (6 Nos)	-	-	Good		Functional	Not Available
4	Shoulder Foggers(6 Nos)	Not Applicable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

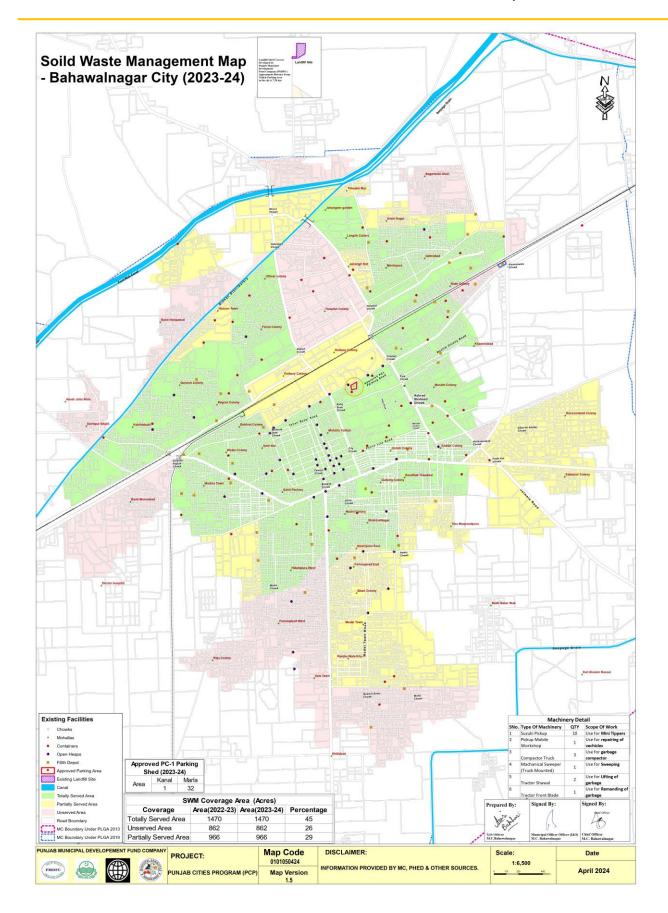
In	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form: Moveable Asset Asset Code:											
Type of Vehicle / Machinery	Pict	ures									
Sucker & Jetting Machine	Balabandagar, Punjab, Pakistan Eza-900. Bana Jana Bana Bana Bana Bana Bana Bana	Buthwichstag Puriols, Pokiston 77.3-3 vs. Rabarings Ennish, Rekston 77.3-3 vs. Rabarings Ennish, Rekston 87.5 vs. Tabarings 87.5 vs. Tabarings 97.5 vs. Tab									
	Suction Machine	Jetting Machine									
Capacity	4500 liters	4500 liters									

Purpose	Suction	Jetting
Year of Manufacturing	2007	2007
Model	PKB 211	PKB 211
Capital Cost		
Fuel Consumption (Lt)	766	602
Condition	Fair	Fair
<b>Engine Capacity</b>	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 / Requiremen	ts
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	12	9	Good	Functional	432
	Mutiana Chowk					

		Integra	ated De	velop	mer	nt And A	sset Mana	Integrated Development And Asset Management Plan (IDAMP)										
				Muni	cipal	l Commit	tee Bahav	walnaga	r									
Form: IDAMP-A	11			Solid Waste Dumping Site Asset Code: Asset Condition Assessment Date: 02-0					Code: Date: 02-05-2023									
Name							Jessinene											
	Latitu	do			andfill Site Pictures 0.010315													
Location —	Longit			73.2			<u></u>											
	LUIIGIL	uue	Near			Chowk,	-											
Address				Arifwa														
Area (Acres)			<u>'</u>		9	Jau												
Distance from	m urha	n area			' km				A CONTRACTOR OF THE PARTY OF TH	THE PARTY OF THE P								
Year the site				- 07	KIII													
dumping ser		ceu ioi		20	011													
Average wa		umped																
daily	iste u	umpeu							A Part of the	7. N								
(based on	infor	mation	ļ	Not A	vaila	ble		***	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
provided by								*		***								
EHS SOPs	for	waste					1 _											
handlers				ľ	No													
Availability	of PP	Es for	.,				in the second	in Horal P.	The state of the s	the second								
waste collect	tors/ha	andlers	Υe	25		No												
Expected Life	e (Year	rs)			5													
Land Owners	ship		Private			1 2 A A A												
Site Accessib	ility		Good															
Surface Type	:		Fla	Flat Depresse														
Approach Ro	ad Cor	ndition	Good	F	air	Poor												
Parking Shed	l		Υe	!S		No		e de										
Boundary Wa	all		Υe	es.		No												
Gate			Υe	!S		No												
Ramps			Yε	!S		No												
Any Building		2	Υe	!S		No		STORES NO.	marine Ind	To suffer the same								
Weigh Bridge	е		Υe	!S		No												
Earth		Cover	Υe	5		No	- A-											
Arrangemen																		
Compaction			Yε			No			and the									
	Plantation Around Site			es		No			7 3/3 ·	The state of								
Any illegal occupants or																		
encroachments observed-				ľ	No													
ıт yes, type	if yes, type					Overell	Poting											
Average Sco	ro	1			2		Rating 3		4	5								
Average 300	16																	
Asset Excelle			ent		God	od	Fa	ir	Poor	Failing								

Category	Α	В	С	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: Ted	ım Lead	Sign & Date: 30	kry May 2023					

# B. Vehicles/ Machinery

Sr #	l 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-	0.15
							Functional	
3	MILLAT	BNE 6791	1	24	Poor	50 HP	Non-	0.15
_	ACTI	TN4A 4	1	11	Fai:	OF LID	Functional	0.2
	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-	0.2
							Functional	
	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-	0.4
							Functional	
11	Truck-Hino	Hino-3	1	11	Fair	4009 CC	Non-	0.4
12	Truck-Hino	Hino-4	1	11	Fair	4009 CC	Functional Functional	0.4
								0.4
	MILLAT	MF 385	1	12	Fair	85 HP	Functional	0.2
	MILLAT	BNJ 1021	1	24	Poor	50 HP	Functional	0.1
	MILLAT	BNE 6787	1	12	Fair	50 HP	Functional	0.2
	Front Blade Tractor	Not Registered	1	11	Fair	85 Hp	Functional	
	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 <sup>3</sup>	Not Available	1	1	Excellent	4 m³	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 Code: Asset Condition Assessment Date: 02-05-2023					2-05-2023		
Type of Vehicle /				Pict	ures				
Machinery				- 100	ui es				
Tractor-Millat			ROUSON				201 272 272 272 273 273 273 273 273 273 273	Avedrager, Funiab, Polistic 5-900, Entwining all Century Ing. 77.725/094* 723.10732 AM CWT +00000	COTS Map Camera No. Puniab, Pakitran
	Tractor -Millat 1	Tractor -Millat 2	Tractor -Millat 3	Tractor -Millat 4	Tract -Mil 5		Tractor -Millat 6	Tractor -Millat 7	Tractor -Millat 8
Capacity	50HP	50HP	85HP	50HP	50H	IP	50HP	50HP	50HP
Purpose	SWM	SWM	SWM	SWM	SWI	М	SWM	SWM	SWM
Year of Manufacturing	1999	1999	2012	2012	201	.1	1999	2011	2009
Model	MF240	MF240	MF385	MF240	MF2	40	MF240	MF240	MF240
Capital Cost									
Fuel Consumption (Lt)	Non- Functio nal	Non- Functio nal	Non- Functio nal	507	549	9	244	310	307
Condition	Poor	Poor	Fair	Fair	Fai	r	Poor	Fair	Fair
Engine Capacity	50HP	50HP	85HP	50HP	50H	IP	50HP	50HP	50HP
Maintenance Cost	Not Availab le	Not Availab le	Not Availab le	Not Availab le	No Avail le	lab	Not Availab le	Not Availab le	Not Availab le
Oiling /Fitness	No	No	No	Yes	Ye		Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	)	No	No	No
Registered	BNE 6788	BNE 6791	Not Registe red	Not Registe red	BN 102		BNE 6787	BNJ 1022	BNJ 1023
Overall Rating	Poor	Poor	Fair	Fair	Fai	r	Poor	Fair	Fair
		Re	marks / Re	quirement	S				
No remarks									
Data Collected By: Mr.	Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 30 May 2023					23			

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:		Moveabl		·	Asset Code:	
IDAMP-A16		Asset Condition	n Assessment		Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures			
Tractor-FIAT		2724+9/42, Bahtu Lat 30,001034* Long 73,257058*	Purish, Rubsten Purish, Rubsten 1931 - 1950	Bahāwahagar, P 2733-92M, Pa-hada Lan 2723-1007 0300/23 1032 AM O	Unjub, Pakistan non Etherinose, Punis, Pakistan MI 450 00	
	Tract	Tractor-FIAT 1 Tractor-FIAT 2		Tractor-FIAT 3		
Capacity		35HP	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-Function	ıal	405	
Condition		Fair	Fair		Fair	
Engine Capacity		35HP	55HP		55HP	
Maintenance Cost		Available	Not Available	e	Not Available	
Oiling /Fitness		Yes	No		Yes	
Fitness Certificate		No	No		No	
Registered	Not F	Registered	Not Registere	ed	Not Registered	
Overall Rating		Fair	Fair		Fair	
			Requirements			
No remarks						
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 30 May 2023						

Sign & Date: 30 May 2023

		Mayshy
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	DW 0

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Bahawalnagar						
Form: IDAMP-A16	Moveable Asset Asset Code: Asset Condition Assessment Date: 02-05-2				Asset Code: Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures			
Tractor		2724-9/12, Bahli La 29/00/0347 Long 73/25/7935 03/06/23 10:33 A	To Final Coning.  (F. Pimilal, Pakidam  walnas, Edminicasi, Pakida  M Odil 495:00	Bohawinggr, Pur 275-270, Rehistor Les 3000944 Les 200794 Con 2727107 Colores And Online	a: Bahavalingar, Punlab, Pakistan 405:00	
		lade Tractor	Front End Load	er 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	
<b>Engine Capacity</b>	:	B5HP	55HP		55HP	
Maintenance Cost	Not	Available	Not Available		Not Available	
Oiling /Fitness		Yes	No		Yes	
Fitness Certificate		No	No		No	
Registered	Not F	Registered	BNJ 1021		Not Registered	
Overall Rating		Fair	Fair		Fair	
		Remarks ,	/ Requirements			
No remarks						
Data Collected By: Mr.	Abdullah	Designation: Team Member		Sign &	Juloh Date: 30 May 2023	
Data Checked By: Mr.	M. Fiaz	Designation: Team Lead		Sign & Date: 30 May 2023		

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A16			loveable Asset ondition Assessment		As	set Code: Date: 02-05-2023	
Type of Vehicle / Machinery			Pict	ures			
Truck-HINO	E.D.Paint  BECOMMERCIONES  PRES  1246						
	Truck- H		Truck- Hino 2	Tı	ruck- Hino 3	Truck- Hino 4	
Capacity (Volume)	8 m		8 m <sup>3</sup>		8 m <sup>3</sup>	8 m <sup>3</sup>	
Purpose	SWN	Л	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	ļ	Non-Functional	No	n-Functional	510	
Condition	Fai	r	Fair		Fair	Fair	
Engine Capacity	4009	CC	4009 CC	4009 CC		4009 CC	
Maintenance Cost	Not Ava	ilable	Not Available	N	Not Available Not Avail		
Oiling /Fitness	Yes	5	No		No	Yes	
Fitness Certificate	No		No		No	No	
Registered	Not Regi	stered	Not Registered	No	ot Registered	Not Registered	
Overall Rating	Fai		Fair		Fair	Fair	
		Re	marks / Requirements	S			
No remarks							
Data Collected By: Mr. Abdullah De			Designation: Team Member		Julih Sign & Date: 30 May 2023		
Data Checked By: Mr.	M. Fiaz	Design	ation: Team Lead		W	Duffry 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A16	,	Moveable Asset Asset Code:					
Type of Vehicle / Machinery			Pictures				
Loader Rickshaw	Bahawalnagar, Punjab, Pakistan 2024-956, Bahdwalnau, Ghabananau, Punjab, Pakistan 2024-956, Bahdwalnau, Ghabananau, Punjab, Pakistan 2024-956, Bahdwalnau, Ghabananau, Punjab, Pakistan 2024-957, Bahdwalnau, Ghabananau, Punjab, Pakistan 2025-957, 2025-2023 Ast Austri - 405.00						
	Loader Rickshaw 1	Loader 1 Rickshaw 2	Loader Rickshaw 3	Loader Rickshaw 4	Loader Rickshaw 5		
Capacity	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>		
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 Availab	le 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		
Storan nating		Remarks / Requ		1 3000	3000		
No remarks							
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 30 May 2023							
Data Checked By: Mr.	M. Fiaz	Designation: Team L	.ead	Mayf Sign & Date: 30 N	1ay 2023		

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A16		Moveable Asset Asset Code: Asset Condition Assessment Date: 02-05-2023					
Type of Vehicle / Machinery			Pict	ures			
Loader Rickshaw			Buhāwalangar, 224-300; Bahawal 272-3700; 050023 10:33 AA	CGFE Map Camer a Pomple, Polician Insulis Enhancings; Purisk, Palitica Cost +35:00			
	Loader Rickshaw 6	Loader Rickshaw 7	Loader Rickshaw 8	Loader Rickshaw 9	Loader Rickshaw 10	Loader Rickshaw 11	
Capacity	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	
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	
	Not	Not	Not	Not	Not	Not	
Maintenance Cost	Available	Available	Available	Available	Available	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 /	Requirement	s			
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

# 4. Building

### Α. Offices

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

		Integrated De	velopment an	nd Asset Mana	gement	Plan (IDAMP)
			Municipal Con	nmittee Bahav	walnaga	r
Form:			Building			
IDAMP-A	14	A	sset Condition	n Assessment		
Name			MC B	uilding		Pictu
Location	Latitu	ıde	29.99	98752	One (CON) (CON)	A200.
Location	Longi	tude	73.25	55591		B.
Address			Rafique Sl	hah Chowk		
Year of Cons	tructi	on	19	972	ar I	200
Land Area (A	cres)		1	LO		
No. of Storie	S			1	-	
Condition			Fa	air		
Purpose			Admini	stration	The second	
No. of Staff			5	29	•	Bahāwalnagar, Pu Hussainabad sharki Tehs
No. of Room	S		2	28	M	Bahawalnagar, Punjab, Pa Lat 29.998752°
Conference/	Meet	ing Room	Yes	No	Google	Long 73.256591° 03/05/23 12:13 PM GMT
Store Room			Yes	No		
Study Room,	/Book	Shelf	Yes	No	1	
Boundary W	all		Yes	No		
Heating & Co	oling	Arrangement	Yes	No	b	
Parking Lots			Yes	No	**	
Drinking Wa	ter Fa	cilities	Yes	No		
Availability a	nd qu	ality of water				
(based on av	ailab	e water quality	Yes	No		
test reports)						Bahāwalnagar, Pu
Washrooms	/ Sew	erage System	Yes	No		Hussainabad sharki Tehs Bahawalnagar, Punjab, P
Separate Wa	shroc	m for Ladies	Yes	No	Zoogle	Lat 29.998752° Long 73.255591°
Prayers Area	/roor	n	Yes	No	200	03/05/23 12:13 PM GMT
Furniture			Yes	No	-	2,1204
Electric Appl	iance	s (Fans Etc.)	Yes	No		
Machinery &	Equi	pment	Yes	No		
Sports Club			Yes	No	A	
Staff Attenda	ance S	System	Yes	No		
Emergency Alarm System			Yes	No	11 15 18	WE ALL
Fire Fighting System / Equipment			Yes	No		
Ramps for wheel chairs at entry		Voc	No		Bahāwalnagar, Pu	
gate			Yes	No		X7X4+F6X, Baldia Rd, Ba Lat 29.998649°
Security Guard			Yes	No		Lat 29,998649* Long 73,25572° 03/05/23 12:12 PM GMT
Park/lawn outdoor/indoor		Yes	No	boogle		
plantation			res	INU		
			Ov	erall Rating		
Average Sco	re	1	2	3		4



**Pictures** 

Asset Code: \_

Date: 02-05-2023





Overall Rating									
Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	Α	В	С	D	E				

Integrated Development and Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar								
Form:		Building	Asset Code:						
IDAMP-A14		Asset Condition Assessment	Date: 02-05-2023						
		Remarks / Requirements							
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member	Julih Sign & Date: 30 May 2023						
Data Checked By: Mr. M. Fiaz		Designation: Team Lead	Sign & Date: 30 May 2023						

# B. Library

Sr #	Name	Age (Years)	Condition	Status	Area Acre
1	MC Library		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** Asset Code: Form: Shop **Asset Condition Assessment IDAMP-A17** Date: 02-05-2023 **Property** No of Litigation Conditi **Business Property** Ownershi **Encroachm** Shop Area Current **Tenant** SR. Latitude Longitude Location **Address** (Sqft) Exist Code **Stories** p Status ent Status Status on Name Status Dr. Baldia Road Freshly,cyl 29.9977285 Maqsod Rented/ Owned/ Bahawalnag 1 9002 73.255517 200 1 Commercial No No Good inder Managed Ahmad Leased gass,jazz ar Baloch franchise

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Minchanaba 30.0073031 d Road 73.267637 Owned/ Rented/ Muhamm Agricultur 2 19008 168 1 Commercial No No Good Bahawalnag 1 2 Managed Leased ad Amjad al parts ar Fazilat Ul Minchanaba Nisa W/o d Road 30.0079309 73.268300 Owned/ Rented/ Aluminum 20004 3 168 1 Commercial No No Good Mushtaa. 6 7 Bahawalnag Managed Leased works Abdul ar Rasheed Municipal Shopping Center 29.9999082 73.256320 Owned/ Rented/ Aziz Ul 200 12013 Thana Sadar 1 Commercial No No Good Architect 41 Managed Leased Rehman Road Bahawalnag ar Quaid-e-30.0025891 Muhamm Milat Road 73.260441 Owned/ Rented/ Arms 5 6011 48 No Good 1 Commercial No 8 58 Bahawalnag Managed Leased ad Igbal Repairing ar Shops Mulhiq Bagh Malik Ali Hospital 30.0002109 73.256704 Owned/ Rented/ 6 17005 140 1 Commercial No No Good Abdul Asia Cargo Thana Sadar 9 04 Leased Managed Hafeez Bahawalnag ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Nilam Cinema Chowk 29.9989125 73.262263 Muhamm Owned/ Rented/ Auto 7 25001 Muslim 64 1 Commercial No No Good 6 6 Electrician Managed Leased ad Nasir Colony Bahawalnag ar Old Meat Market Fid Muhamm 29.9993812 73.252149 Owned/ Rented/ 8 Gah Road 1 1025 156 Commercial No No Good ad Auto shop 3 18 Managed Leased Bahawalnag Rafique ar Nilam Cinema Chowk 29.9992733 73.262362 Owned/ Rented/ Muhamm 64 Commercial 9 25002 Muslim 1 No No Good Auto shop 3 29 Managed Leased ad Ameer Colony Bahawalnag ar Quaid-e-Auto Milat Road 30.0034323 73.259931 Owned/ Rented/ Shaukat 10 31001 1504 1 Commercial No No Good Spare 8 Bahawalnag 46 Managed Leased Ali **Parts** ar Quaid-e-Muhamm Auto Milat Road 30.0021822 73.260603 Owned/ Rented/ 391 11 24001 1 Commercial No No Good ad Spare Bahawalnag 9 23 Managed Leased Abubakar **Parts** ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Quaid-e-Muhamm Auto 30.0023715 73.260944 Milat Road Owned/ Rented/ 12 24002 391 1 Commercial No No Good ad Spare Bahawalnag 9 19 Managed Leased Magsood **Parts** ar Minchanaba Muhamm Auto d Road 30.0062961 73.266180 Owned/ Rented/ 19002 168 1 Good ad 13 Commercial No No spare 2 9 Bahawalnag Managed Leased Mushtag parts ar Quaid-e-Auto Milat Road 30.0033824 73.259835 Owned/ Rented/ Spare 30009 900 1 14 Commercial No No Good Liagat Ali Bahawalnag 3 18 Managed Leased Parts and ar Pesticide Nilam Cinema Chowk 29.9992717 73.262363 Owned/ Rented/ Muhamm Auto 15 25003 Muslim 64 1 No No Good Commercial 2 18 Managed Leased ad Hanif Store Colony Bahawalnag ar Dilshad Market Muhamm Auto 73.259552 Quaid-e-30.0038400 Owned/ Rented/ 216 16 3012 1 Commercial No No Good ad Work 7 Milat Road 55 Managed Leased Shareef Shop Bahawalnag ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Dilshad Market Haji Jan Quaid-e-30.0035241 73.259775 Owned/ Rented/ Auto 3022 300 1 Muhamm 17 No Good Commercial No 8 Workshop Milat Road Managed Leased ad Bahawalnag ar Dilshad Market 30.0035242 73.259776 Auto Quaid-e-Owned/ Rented/ Tariq 18 3019 276 1 Commercial No No Good Milat Road 9 09 Managed Leased Mansoor Workshop Bahawalnag ar Quaid-e-Milat Road 30.0036875 73.260228 Owned/ Zulfigar Rented/ Auto 19 30010 1225 1 Commercial No No Good Bahawalnag 48 Managed Leased Ali Workshop ar Dilshad Market Quaid-e-30.0038246 73.259621 Owned/ Rented/ Mubarik Auto 30004 5394 1 20 Commercial No No Good Milat Road 6 37 Ali Workshop Managed Leased Bahawalnag ar Municipal Market 29.9995319 73.255180 Owned/ Rented/ Irshad 241 21 8014 1 Commercial No No Good Backery Tehsil Bazar 1 12 Managed Ahmad Leased Road

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Municipal Market Tehsil Bazar 29.9995264 73.255205 Owned/ Rented/ Irshad 241 22 8019 1 Commercial No No Good Bakery Road 9 15 Ahmad Managed Leased Bahawalnag ar Municipal Shopping Center 29.9998295 73.256223 Owned/ Rented/ Ameer 23 12017 Thana Sadar 200 1 Commercial No No Good Bar B Que 25 Managed Leased Mavia Road Bahawalnag ar Municipal Shopping Center 29.9998192 73.256145 Owned/ Rented/ Rasheed Barbar 200 24 12019 Thana Sadar 1 Commercial No No Good 7 95 Ahmad Shop Managed Leased Road Bahawalnag ar Municipal Shopping 29.9999011 73.256313 Mehmood Owned/ Rented/ Barbar 12014 Center 200 1 No 25 Commercial No Good 3 33 Managed Leased Igbal Shop Thana Sadar Road

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Khan Baba Muhamm 29.9931032 73.253763 Barbar Road Owned/ Rented/ 1 26 11031 100 Commercial No No Good ad Bahawalnag 91 Managed Leased Shop Rafique ar Old Meat Market Eid 29.9995712 73.252434 Muhamm Owned/ Rented/ Barber 27 1027 Gah Road 120 1 Commercial No No Good 8 03 shop Managed Leased ad Siddig Bahawalnag ar Dilshad Market Quaid-e-73.259648 Owned/ Muhamm Rented/ 30003 30.0038197 5394 1 28 Commercial No No Good Bardana 86 ad Ayyub Milat Road Managed Leased Bahawalnag ar Municipal Market Bargar Tehsil Bazar 29.9997392 73.255653 Owned/ Rented/ Muhamm 60 1 29 8001 Commercial No No Good Showarm 3 3 Road Managed Leased ad Munir a Bahawalnag ar Quaid-e-Milat Road 73.260932 Owned/ Rented/ **Battery** 30.0016848 48 30 6005 1 Commercial No No Good Sabir Ali Bahawalnag 08 Managed Leased shop ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Quaid-e-Muhamm Milat Road 30.0018177 **Battery** 73.261046 Owned/ Rented/ 31 5016 48 1 Commercial No No Good ad Ashfaq 3 81 Bahawalnag Managed Leased shop Javed ar Quaid-e-73.261031 Milat Road 30.0019290 Rahat & Owned/ Rented/ **Battery** 32 5019 48 1 Good Commercial No No 8 34 Co. Shop Bahawalnag Managed Leased ar Quaid-e-Milat Road 73.260967 Owned/ Rented/ Rahat & Battery 33 5020 30.0016735 48 1 Good Commercial No No Shop Bahawalnag 07 Managed Leased Co. ar Quaid-e-Muhamm Milat Road 30.0018892 73.260997 Owned/ Rented/ **Battery** ad Ashfaq 34 5015 48 1 Commercial No No Good 3 63 Managed Bahawalnag Leased shop Javed ar Quaid-e-Milat Road 30.0012726 73.260951 Owned/ Rented/ Battery 35 5012 19040 1 Commercial No Good Saleem No Bahawalnag 3 89 Managed Leased Store ar Municipal Market 73.255205 Tehsil Bazar 29.9994137 Owned/ Rented/ Mirza Book 36 8003 241 1 Commercial No Good No 7 89 Road Managed Leased Irfan Depot Bahawalnag ar

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Baldia Road 29.9987953 73.254754 Zahid Book dipu Owned/ Rented/ Bahawalnag 15019 200 1 Good 37 Commercial No No 8 12 Managed Leased Mehmood store ar Municipal Shopping Center 29.9998783 73.256338 Owned/ Rented/ Muhamm 200 38 12012 Thana Sadar 1 Commercial No No Good Book shop 4 Managed Leased ad Akbar Road Bahawalnag ar Baldia Road Ghulam 29.9991472 73.255073 Owned/ Rented/ 23003 Bahawalnag 431 1 Mustafa Book shop 39 Commercial No No Good 72 Managed Leased Gull ar Minchanaba Building d Road 30.0074306 73.267742 Muhamm Owned/ Rented/ 40 19011 168 1 No Good Material Commercial No Bahawalnag 6 38 Managed ad Yasin Leased Shop ar Minchanaba Building d Road 30.0076496 73.267896 Owned/ Mehmood Rented/ 41 19013 168 1 Commercial No No Good Material Bahawalnag 2 39 Managed Akhtar Leased Shop ar Minchanaba Building 73.267908 d Road 30.0076549 Owned/ Rented/ Mehmood 42 19014 168 1 No Good Material Commercial No 7 97 Bahawalnag Managed Leased Akhtar Shop ar

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Minchanaba Building 30.0077143 73.268103 Abdul d Road Owned/ Rented/ 43 19018 168 1 Commercial No No Good Material 2 Bahawalnag 08 Managed Leased Rehman Shop ar Minchanaba Building 30.0078561 73.268245 d Road Owned/ Rented/ Furgan 19024 168 1 44 Commercial No No Good Material 2 48 Bahawalnag Managed Leased Ahmad Shop ar Minchanaba Building d Road 30.0080284 73.268347 Owned/ Rented/ Muhamm 45 19027 168 1 No No Good Material Commercial ad Siddig Bahawalnag 5 25 Managed Leased Shop ar Minchanaba Building Sarfraz d Road 30.0080205 73.268353 Owned/ Rented/ 46 19028 168 1 Commercial No No Good Material Bahawalnag 4 12 Ahmad Managed Leased Shop ar Minchanaba Building d Road 30.0083633 73.268684 Owned/ Rented/ Bahsir 47 19033 168 1 No Good Material Commercial No 4 75 Managed Ahmad Bahawalnag Leased Shop ar Minchanaba Building d Road 30.0083725 73.268731 Muhamm Owned/ Rented/ 19034 168 1 No Material 48 Commercial No Good 7 62 Leased ad Abid Bahawalnag Managed Shop ar 30.0078561 73.268245 Qari Minchanaba Owned/ Rented/ Building 19023 168 49 1 Commercial No No Good d Road 2 48 Managed Leased Sultan Metrial

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Minchanaba Ghulam Burger & d Road 30.0062676 73.266009 Owned/ Rented/ 19006 1 Shuarma 50 168 Commercial No No Good Muhamm Bahawalnag 2 97 Managed Leased ad shop ar Municipal Shopping Center 29.9997813 73.256101 Burger Owned/ Rented/ Muhamm 200 1 51 12020 Thana Sadar Commercial No No Good Shop 33 Managed Leased ad Yasin Road Bahawalnag ar Dilshad Market Car Quaid-e-30.0035802 73.259775 Owned/ Rented/ 52 30002 202 1 Ashraf Ali Showroo Commercial No No Good 2 Managed Milat Road 48 Leased m Bahawalnag ar Dilshad Market Car Quaid-e-Muhamm 30.0041424 73.259349 Owned/ Rented/ 53 30008 2946 1 Commercial No No Good Showroo Milat Road 99 Managed Leased ad Younas m Bahawalnag ar

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Quaid-e-Car 30.0032292 73.260127 Salah Ud Milat Road Owned/ Rented/ 54 30012 4602 1 Commercial No No Good Showroo Bahawalnag Din 4 16 Managed Leased m ar Minchanaba Car 30.0077153 73.268085 Muhamm d Road Owned/ Rented/ 55 19019 168 1 Showroo Commercial No No Good 7 56 Bahawalnag Managed Leased ad Afzal m ar Minchanaba Car d Road 30.0077667 73.268101 Owned/ Rented/ Azizan 56 19020 168 1 No No Good Showroo Commercial Bahawalnag 2 45 Managed Leased Bibi m ar Minchanaba Car d Road 30.0077667 73.268101 Owned/ Rented/ Inayat 57 19021 168 1 Commercial No No Good Showroo 2 45 Managed Bahawalnag Leased Begum m ar Minchanaba Car d Road 73.268117 Owned/ Rented/ Nasreen 30.0078042 Showroo 58 18012 168 1 No Good Commercial No 64 Managed Akther Bahawalnag Leased m ar **Bypass** Minchanaba Malik 30.0093668 Owned/ 73.271390 Rented/ Cargo 59 d Road 1 28001 15999 Commercial No No Fateh Good 6 01 Managed Service Leased Bahawalnag Khan ar 30.0093827 **Bypass** 73.271345 Owned/ Rented/ Bashir Cargo 60 28002 15999 1 No No Commercial Good Minchanaba 62 Managed Leased Ahmad Service

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** d Road Bahawalnag ar **Bypass** Minchanaba 30.0090784 73.271381 Owned/ Rented/ Rana Cargo 28003 d Road 15999 1 61 Commercial No No Good 80 Sardar Managed Leased Service Bahawalnag ar **Bypass** Minchanaba Rana 30.0089297 73.271229 Owned/ Rented/ Cargo 62 28004 d Road 15999 1 Commercial No No Good Abdul 4 64 Service Managed Leased Bahawalnag Ghafar ar **Bypass** Minchanaba 30.0074037 73.271332 Owned/ Nazir Rented/ Cargo 28012 d Road 15999 1 No 63 Commercial No Good 6 47 Managed Leased Ahmad Service Bahawalnag ar Minchanaba d Road 30.0072090 73.267717 Owned/ Rented/ Muhamm Cement 64 19007 168 1 No No Good Commercial Bahawalnag 3 17 Managed Leased ad Siddig shop ar Miscellaneo 29.9998537 us Market 73.253154 Owned/ Rented/ Manzoor Commercial 65 2012 163 1 No No Good Ceramics Eid Gah 4 83 Managed Leased Ahmad Road

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Khan Baba Muhamm 29.9942133 ad Chemical Road 73.254626 Owned/ Rented/ 1 66 11019 100 Commercial No No Good Bahawalnag 8 32 Managed Leased **Ibrahim** House Babu ar Miscellaneo us Market Eid Gah 29.9997337 73.252871 Abdul Chicken Owned/ Rented/ 2008 1 67 163 Commercial No No Good 03 Road Managed Leased Toheed Shop Bahawalnag ar Khan Baba Road 29.9934767 73.253747 Munshi Chicken Owned/ Rented/ 68 11025 100 1 Commercial No No Good 6 56 Bahawalnag Managed Leased Jamaldin shop ar Old Meat Market Eid 29.9994944 73.252390 Owned/ Abdul Chiken Rented/ 69 1018 Gah Road 120 1 Commercial No No Good 2 04 Shop Managed Leased Majeed Bahawalnag ar Baldia Road 29.9985754 73.254912 Muhamm Owned/ Rented/ 70 15013 Bahawalnag 200 1 No No Commercial Good Clinic 7 23 Managed Leased ad Arshad ar Baldia Road 29.9986262 73.255056 Owned/ Muhamm Rented/ 71 15034 Bahawalnag 200 1 Commercial No Good Clinic No 1 88 Managed ad Ahmad Leased ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Municipal Shopping Center 73.256307 Owned/ Rented/ Muhamm 72 Thana Sadar 29.9998634 200 1 12015 Commercial No No Good Clinic 73 ad Ibrar Managed Leased Road Bahawalnag Municipal Shopping Center 29.9999039 73.256813 Owned/ Rented/ Dr. 73 13001 Thana Sadar 200 1 Commercial No No Good Clinic 84 Magbool Managed Leased Road Bahawalnag ar Dr Rented/ shopping 29.9999091 73.256831 Owned/ 240 2 Commercial Magbool 74 No No Fair Clinic Managed center 2 3 Leased Ahmad Municipal Shopping Center 29.9998464 73.256837 Owned/ Rented/ Dr. 75 13002 Thana Sadar 200 1 Commercial No No Good Clinic 8 67 Managed Leased Magbool Road Bahawalnag ar Khan Baba 29.9939822 73.254122 Owned/ Rented/ Ikram Ud 100 1 76 11009 Commercial No No Good Clinic 6 Din Road 54 Managed Leased

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Baldia Road 29.9980694 73.255355 Owned/ Muhamm Rented/ 77 9003 Bahawalnag 1088 1 No Good Clinics Commercial No 7 17 ad Jamil Managed Leased ar **Bypass** Minchanaba 30.0083302 73.271290 Owned/ Rented/ Bashir Coc cola 78 28006 d Road 15999 1 Commercial No No Good 2 32 Managed Leased Ahmad and hotel Bahawalnag ar Shops Mulhiq Bagh Ali Hospital 30.0001426 73.257182 Owned/ Rented/ Rana Cold 79 17010 140 1 No No Good Commercial 2 87 Thana Sadar Rashid Managed Leased Corner Bahawalnag ar Quaid-e-Muhamm Milat Road 30.0033254 73.259910 Owned/ Cold Rented/ 80 29001 1504 1 No Good ad Commercial No Bahawalnag 8 11 Managed Leased Corner Zulfigar ar Shops Mulhiq Bagh Courier Ali Hospital 30.0003763 73.256563 Owned/ Rented/ Muhamm 17013 140 81 1 Commercial No No Good and Thana Sadar 3 5 Managed Leased ad Nawaz Pharmacy Bahawalnag ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Quaid-e-30.0025905 73.260498 Milat Road Owned/ Rented/ Saeed Courier 82 5004 19040 1 Commercial No No Good 8 84 Bahawalnag Managed Leased Ahmad Service ar Khan Baba Khan 29.9931200 73.253747 Road Owned/ Rented/ Decoratio 83 11032 100 1 Good Commercial No No Muhamm 2 58 Bahawalnag Managed Leased ad ar Municipal Shopping Center Muhamm 29.9999049 73.256465 Owned/ Rented/ Decoratio 84 12002 Thana Sadar 200 1 Good Commercial No No 9 02 Managed Leased ad Khalid n Shop Road Bahawalnag ar Khan Baba Road 29.9931654 73.253794 Owned/ Rented/ Muhamm Decoratio 85 11002 100 1 Commercial No No Good 92 Bahawalnag Managed Leased ad Akram n shop ar Khan Baba 29.9931060 73.253719 Niaz Road Owned/ Rented/ Decoratio 86 11033 100 1 No No Good Commercial Bahawalnag 4 16 Managed Leased Ahmad n Shop ar Quaid-e-Milat Road 73.260390 Owned/ Rented/ Muhamm Decoratio 87 5001 30.0027384 19040 1 No Good Commercial No 11 Managed Bahawalnag Leased ad Anwar n shop ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Baldia Road 29.9985731 73.254740 Abdul Dental Owned/ Rented/ Bahawalnag 15004 315 1 88 Commercial No No Good 9 07 Managed Leased Hafeez Clinic ar Baldia Road 29.9985579 73.254858 Owned/ Rented/ Farzand Dental 89 15033 Bahawalnag 200 1 Commercial No No Good 4 46 Managed Leased Ali Clinic ar Shops Mulhig Bagh Ali Hospital 73.257109 Owned/ Rented/ Ghulam Drv 90 17014 30.0000998 140 1 Commercial No No Good 99 Thana Sadar Managed Leased Mustafa Cleaner Bahawalnag ar Ghulam Shops Mulhiq Bagh Rasool. Ali Hospital 30.0000922 73.257077 Ghulam Owned/ Rented/ Dry 91 17015 140 1 No Commercial No Good Thana Sadar 9 33 Managed Mustafa Cleaner Leased Bahawalnag Toseef Ahmad ar Shops Mulhig Bagh Ghulam Ali Hospital 30.0000777 73.257057 Mustafa, Owned/ Rented/ Dry 92 17016 140 1 No No Good Commercial Thana Sadar 4 6 Managed Leased Muhamm Cleaner Bahawalnag ad Nazir ar Khalida 30.0012707 73.261240 Owned/ Thana City Rented/ Dry 93 16005 162 1 No Good Commercial No Parveen, 58 Road Managed Leased cleaner Shamim

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag Ijaz, Bushra ar Khanum M Sabir Miscellaneo S/o us Market Ahmad Eid Gah 29.9996675 73.252752 Owned/ Rented/ Dry Fruit Bukhsh M 94 2002 130 1 Commercial No No Good Shop 2 87 Road Managed Leased Amin S/o Bahawalnag Aleem Ud ar Din Khan Baba 29.9940791 73.254392 Muhamm **Dry Fruits** Road Owned/ Rented/ 95 11003 100 1 Commercial No No Good 17 Bahawalnag Managed Leased ad Ayyub shop ar Khan Baba 29.9932824 73.253741 Owned/ Road Rented/ Electric 96 11024 100 1 Commercial No No Good Allah Ditta 5 87 Managed Bahawalnag Leased shop ar Khan Baba 73.253894 Owned/ Rented/ Muhamm Electric Road 97 11020 29.9938712 100 1 No No Good Commercial Bahawalnag 54 Managed Leased ad Yasin store ar Miscellaneo us Market 29.9999326 73.253142 Owned/ Rented/ Muhamm Electric Commercial 98 2011 163 1 No No Good Eid Gah 5 38 Managed Leased ad Saleem Store Road

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Dilshad Market Muhamm Electric Quaid-e-30.0039763 73.259432 Owned/ Rented/ 252 Welding, 99 3020 1 Commercial No No Good ad Milat Road 5 31 Leased Managed Ibrahim Gate Jali Bahawalnag ar Nilam Cinema Chowk 29.9992717 73.262363 Owned/ Rented/ Muhamm Engineeri 100 25004 Muslim 64 1 Commercial No No Good 2 18 ad Akram Managed Leased ng Works Colony Bahawalnag ar Nilam Cinema Chowk Ishtiag 29.9993265 73.262333 Owned/ Rented/ Engineeri 64 101 25007 Muslim 1 Commercial No No Good 4 48 Ahmad Managed Leased ng Works Colony Bahawalnag ar Eid Gah Road 73.267799 Owned/ Rented/ Muhamm Engineeri 30.0075999 32 1 102 18011 Commercial No No Good 93 Managed ad Safdar Bahawalnag Leased ng works ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Municipal Shopping Center 73.256571 Owned/ Arshad **Fabrics** Rented/ Thana Sadar 29.9999284 200 1 103 12006 Commercial No No Good 96 Ghafoor Managed Leased shop Road Bahawalnag ar Old Meat Muhamm Market Eid 29.9995557 73.252423 Owned/ Rented/ Gah Road ad Javed 104 1015 120 1 Commercial No No Good Fish 2 55 Managed Leased Bahawalnag Igbal ar Thana City Syed Road 30.0000854 Owned/ 73.256810 Rented/ Irshad 105 16001 162 1 Commercial No No Good Fish shop Bahawalnag 4 13 Managed Leased Hussain ar Old Meat Market Eid 29.9995018 73.252382 Owned/ Rented/ Munir Gah Road 1 106 1017 120 Commercial No No Good Fish shop 54 Ahmad Managed Leased Bahawalnag ar Old Meat Market Eid 29.9994639 73.252330 Owned/ Rented/ Sheikh Gah Road 120 1 107 1019 Commercial No No Good Fish Shop 58 Ahmad Managed Leased Bahawalnag ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Old Meat Market Eid 29.9994512 73.252290 Owned/ Rented/ Shahab 120 108 1010 Gah Road 1 Commercial No No Good Fish Shop 2 Din 14 Managed Leased Bahawalnag ar Old Meat Market Eid Muhamm 73.252263 Owned/ Rented/ 109 1020 Gah Road 29.9994617 120 1 Commercial No No Good ad Fish Shop 64 Managed Leased Bahawalnag Ramzan ar Old Meat Market Eid 29.9994666 73.252229 Owned/ Rented/ Mehtab 1 110 1021 Gah Road 120 Commercial No No Good Fish Shop 5 37 Managed Leased Ali Bahawalnag ar Old Meat Market Eid Muhamm 29.9994051 73.252132 Owned/ Rented/ 120 1 Fish shop 111 1024 Gah Road Commercial No No Good ad 8 97 Managed Leased Bahawalnag Mushtaq ar Old Meat Market Eid 29.9994385 Abdul 73.252215 Owned/ Rented/ 112 1022 Gah Road 120 1 No Good Fish store Commercial No 6 56 Managed Leased Jabbar Bahawalnag ar Thana City 30.0001792 73.257197 Owned/ Dr. Non Rented/ Foundatio 113 16002 23392 1 No No Good 77 Road Commercial Managed Leased **Bukhtiar** n School

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Baldia Road 29.9988357 73.255040 Ghulam Owned/ Rented/ Fresh 15039 Bahawalnag 200 1 114 Commercial No No Good 8 63 Managed Leased Rasool iuice ar Baldia Road 29.9978024 73.255303 Owned/ Rented/ Rauf freshly 115 9001 Bahawalnag 200 1 Commercial No No Good 9 53 Managed Leased Ahmad water ar Khan Baba 29.9935403 73.253715 Owned/ Naseer Ud Fruit chat Road Rented/ 11035 100 1 Good 116 Commercial No No Bahawalnag 2 77 Managed Leased Din shop ar Old Meat Market Eid Muhamm 29.9996308 73.252642 Owned/ Rented/ 117 1026 Gah Road 94 1 Commercial No No Good ad Fruit Shop 2 39 Managed Leased Shareef Bahawalnag ar Khan Baba Muhamm Road 29.9940877 73.254325 Owned/ Rented/ 11005 100 1 No ad Fruit shop 118 Commercial No Good 03 1 Managed Leased Bahawalnag Abdullah ar Khan Baba 29.9938036 73.253807 Road Owned/ Rented/ Muhamm 119 11016 100 1 Commercial No No Good Fruit shop 3 79 Bahawalnag Managed Leased ad Ali ar Khan Baba 29.9936311 73.253801 Owned/ Rented/ Shaukat 120 11001 100 1 Commercial No No Good Fruit Shop 2 01 Ali Road Managed Leased

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Longitude Latitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Minchanaba 30.0082485 73.268636 d Road Owned/ Rented/ Muhamm **Furniture** 1 121 19030 168 No No Good Commercial 5 Bahawalnag 09 Managed Leased ad Ashraf shop ar Baldia Road 29.9993029 73.255044 Owned/ Rented/ Javed 122 23001 Bahawalnag 431 1 Commercial No No Good Garments 7 82 Managed Leased Igbal ar Baldia Road Haji Abdul 29.9991300 73.254997 Garments Owned/ Rented/ 123 15005 Bahawalnag 431 1 Commercial No No Good Rehman 6 95 Managed Leased shop ar Qureishi Minchanaba 73.266225 d Road Owned/ Rented/ Muhamm Gas 19005 30.0064394 168 1 No 124 Commercial No Good Bahawalnag 49 Managed Leased ad Ali Agency ar Thana City Muhamm Road 30.0014032 73.261526 Owned/ Rented/ General 16006 162 125 1 No Commercial No Good Bahawalnag 8 ad Jamil Managed Leased Store ar Old Meat Market Eid 29.9995632 73.252710 Bashir General Owned/ Rented/ **Gah Road** 120 1 126 1012 No No Commercial Good 6 64 Managed Leased Ahmad Store Bahawalnag ar Old Meat 29.9995629 73.252586 Owned/ Rented/ Muhamm General 127 1014 120 1 Commercial No No Good 3 Market Eid 84 Managed Leased ad Saleem Store

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Gah Road Bahawalnag ar Miscellaneo us Market Eid Gah 29.9997336 73.252858 Owned/ Rented/ Mehmood General 2006 130 1 128 Commercial No No Good 59 Road Managed Leased Ahmad Store Bahawalnag ar Khan Baba Road 29.9939274 73.253974 Owned/ Rented/ Muhamm General 129 11012 100 1 No No Commercial Good Bahawalnag 8 67 Managed ad Asghar Store Leased ar Dilshad Market Haji Jan Quaid-e-30.0035241 73.259775 Owned/ General Rented/ 130 3018 300 1 Commercial No No Good Muhamm 7 8 Milat Road Managed Leased Store ad Bahawalnag ar Old Meat Market Eid 29.9995629 73.252586 Muhamm Owned/ Rented/ General 131 1013 **Gah Road** 120 1 Commercial No No Good 3 84 Managed Leased ad Siddig Store Bahawalnag ar Khan Baba 29.9939528 73.254018 Owned/ Rented/ General 132 11011 100 1 Commercial No No Good Yasin Road 8 32 Managed Leased Store

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Khan Baba Abdul 29.9937823 73.253806 Aziz, Road Owned/ Rented/ General 1 133 11017 100 Commercial No No Good Bahawalnag 76 Managed Leased Rasheed Store Ahmad ar Khan Baba Road 29.9935844 73.253798 Owned/ Rented/ Muhamm General 11014 100 1 No 134 Commercial No Good 89 Managed ad Yasin Bahawalnag Leased Store ar Khan Baba Road 29.9935249 73.253755 Owned/ Rented/ Niaz General 135 11029 100 1 Commercial No No Good Managed Bahawalnag 4 6 Leased Ahmad Store ar Khan Baba Road 29.9932534 73.253701 Owned/ Zahoor Rented/ General 136 11030 100 1 Commercial No No Good 55 Bahawalnag 8 Managed Leased Ahmad Store ar Minchanaba d Road 30.0079252 Owned/ Rented/ Siraj 137 19026 73.268282 168 1 No No Good Hardware Commercial Bahawalnag 5 Managed Leased Ahmad ar Khan Baba Shaukat Ali Bazria Road 29.9941755 73.254604 Owned/ Rented/ 1 138 11021 100 Commercial No Good Hardware No 5 47 Abdul Bahawalnag Managed Leased Sattar ar

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Khan Baba Muhamm Road 29.9940108 73.254303 Owned/ Rented/ ad Azam, 139 11007 100 1 Commercial No No Good Hardware 67 Bahawalnag 8 Managed Leased Muhamm ar ad Imran Khan Baba Muhamm 29.9940019 73.254272 Owned/ ad Niaz, Road Rented/ 11006 100 1 140 Commercial No No Good Hardware 2 79 Bahawalnag Managed Leased Muhamm adJaved ar Miscellaneo us Market Eid Gah 73.253049 Owned/ Rented/ 29.9997637 2010 163 1 No No 141 Commercial Good Liagat Ali Hardware 41 Road Managed Leased Bahawalnag ar Quaid-e-Muhamm Milat Road 30.0027056 73.260406 Owned/ Rented/ 142 5002 19040 1 Commercial No No Good ad Khalid Hardware 9 89 Managed Bahawalnag Leased Akhter ar Muhamm Baldia Road 29.9986397 73.255016 Owned/ ad Rented/ 15001 Bahawalnag 200 1 No No Good Hotel 143 Commercial 3 09 Managed Leased Ghulam ar Umer Muhamm Baldia Road 29.9988522 73.254965 Owned/ Rented/ ad Bahawalnag Commercial 144 15002 200 1 No No Good Hotel 9 45 Managed Leased Ghulam ar Umer

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Asset Code:** Shop **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** Longitude SR. Latitude Location Code **Address** (Sqft) **Stories** Exist p Status ent Status **Status** on Name **Status Baldia Road** Syed 29.9988902 73.254970 Owned/ Rented/ Bahawalnag 200 1 Good 145 15012 Commercial No No Ahmad Hotel 5 22 Managed Leased Shah ar Baldia Road 29.9986262 73.255056 Owned/ Rented/ Fida 146 15035 Bahawalnag 200 1 Commercial No No Good Hotel 1 88 Managed Leased Ahmad ar Baldia Road Muhamm 29.9986452 Owned/ Rented/ ad Khalid 15036 Bahawalnag 73.254965 200 1 Commercial No No Good Hotel 147 5 Managed Leased ar Faroog Baldia Road 29.9987627 73.254891 Owned/ Rented/ Muhamm 15022 200 1 No 148 Bahawalnag Commercial No Good Hotel 3 01 Managed Leased ad Anwar ar Muhamm Baldia Road 29.9989141 73.254699 Owned/ Rented/ ad 15017 Bahawalnag 100 1 No Good 149 Commercial No Hotel 4 44 Managed Ghulam Leased ar Umer Baldia Road 29.9990055 73.254858 Owned/ Rented/ Ghulam Bahawalnag 200 150 15020 1 Commercial No No Good Hotel 3 2 Managed Leased Umer ar Baldia Road 29.9989805 73.254857 Owned/ Rented/ Muhamm 151 15016 Bahawalnag 100 1 Commercial No No Good Hotel 7 ad Siddig 05 Managed Leased ar Baldia Road 29.9985224 73.254814 Abdul Owned/ Rented/ 15025 Bahawalnag 200 1 No 152 Commercial No Good Hotel 6 89 Hafeez Managed Leased ar **Bypass** 30.0079769 73.271311 Owned/ Rented/ Muhamm 28008 15999 1 Hotel 153 Commercial No No Good Minchanaba 36 Managed Leased ad Azam

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** d Road Bahawalnag ar **Bypass** Minchanaba 30.0073312 73.271357 Owned/ Rented/ Muhamm 28013 d Road 15999 1 154 Commercial No No Good Hotel 5 1 Managed Leased ad Jamil Bahawalnag ar Muhamm Quaid-ead Attique Milat Road 30.0021490 73.260718 Owned/ Rented/ 155 24003 391 1 Commercial No No Good Abbasi, Hotel 8 73 Bahawalnag Managed Leased Muhamm ar ad Akhtar Quaid-e-Ch. Milat Road 73.260774 Owned/ Rented/ 24004 30.0020802 391 1 No No Good Muhamm Hotel 156 Commercial Bahawalnag Managed Leased ad Jamil ar Quaid-e-Milat Road 30.0087388 73.269184 Owned/ Muhamm Rented/ Ice cream 157 20002 478 1 Commercial No No Good Bahawalnag 8 24 Managed Leased ad Imran shop ar Dilshad Market Muhamm Quaid-e-30.0041330 73.259483 Owned/ Rented/ 3023 Commercial 158 132 1 No No Good ad Iron Shop Milat Road 8 57 Managed Leased Ramzan Bahawalnag ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Dilshad Market 73.259483 Zikur Quaid-e-30.0041330 Owned/ Rented/ 1 3002 132 Commercial No Good 159 No Iron Shop 8 57 Leased Rehman Milat Road Managed Bahawalnag ar Dilshad Market 30.0040886 73.259448 Ghulam Quaid-e-Owned/ Rented/ 160 3003 132 1 Commercial No No Good Iron Shop Milat Road 1 49 Managed Leased Hussain Bahawalnag ar Dilshad Market Quaid-e-30.0040891 73.259455 Owned/ Rented/ Zikur 161 3004 132 1 Commercial No No Good Iron Shop 6 73 Milat Road Managed Leased Rehman Bahawalnag ar Dilshad Market Quaid-e-30.0040113 73.259437 Owned/ Rented/ Muhamm 162 3006 132 1 Commercial No No Good Iron Shop 7 73 Milat Road Managed Leased ad Jamil Bahawalnag ar Dilshad 30.0040113 73.259437 Owned/ Rented/ Muhamm 163 3005 Market 132 1 Commercial No No Good Iron Shop 7 73 Managed Leased ad Jamil Quaid-e-

# **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Milat Road Bahawalnag ar Dilshad Market Riaz Quaid-e-30.0040011 73.259428 Owned/ Rented/ 3007 132 1 No Ahmad 164 Commercial No Good Iron Shop 6 63 Milat Road Managed Leased Shahid Bahawalnag ar Dilshad Market Quaid-e-30.0039455 73.259447 Owned/ Muhamm Rented/ 165 3008 221 1 Commercial No No Good Iron Shop 7 24 Milat Road Managed Leased ad Naeem Bahawalnag ar Dilshad Market Quaid-e-30.0038790 73.259534 Owned/ Rented/ Azhar 3011 204 1 Good 166 Commercial No No Iron Shop Milat Road 4 11 Managed Leased Qayyum Bahawalnag ar Dilshad Market Quaid-e-30.0038023 73.259567 Owned/ Rented/ Muhamm 264 1 167 3013 Commercial No No Good Iron Shop 2 Milat Road 4 ad Aslam Managed Leased Bahawalnag ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Dilshad Market 73.259592 Zia Ul Quaid-e-30.0037616 Owned/ Rented/ 276 1 3014 Commercial No Good 168 No Iron Shop 6 42 Leased Khizir Milat Road Managed Bahawalnag ar Dilshad Market 30.0037093 73.259623 Abdul Quaid-e-Owned/ Rented/ 169 3015 288 1 Commercial No No Good Iron Shop Milat Road 4 83 Waheed Managed Leased Bahawalnag ar Dilshad Market Quaid-e-30.0037018 73.259614 Owned/ Rented/ Yahya 170 3016 300 1 Commercial No No Good Iron Shop 36 Milat Road 8 Managed Leased Khan Bahawalnag ar Dilshad Market Muhamm Quaid-e-30.0034513 73.259786 Owned/ Rented/ 171 3001 300 1 Commercial No No Good ad Iron Shop 2 56 Milat Road Managed Leased Ramzan Bahawalnag ar Dilshad 30.0039791 73.259539 Owned/ Rented/ Sajid 172 30006 Market 4427 1 Commercial No No Good Iron Shop 74 Managed Leased Rafique Quaid-e-

Integrated Development and Asset Management Plan (IDAMP)															
	Municipal Committee Bahawalnagar														
Form: IDAMP-A17						Shop Asset Condition Assessment							Asset Code: Date: 02-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroachm ent Status	Litigation Exist	Current Status	Conditi on	Tenant Name	Business	
		Milat Road Bahawalnag ar													
173	30007	Dilshad Market Quaid-e- Milat Road Bahawalnag ar	30.0040482 4	73.259457 84	3032	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Iqbal Raza Shaheen	Iron Shop	
174	30011	Quaid-e- Milat Road Bahawalnag ar	30.0034002 5	73.259827 62	408	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ashfaq	Iron Shop	
175	19025	Minchanaba d Road Bahawalnag ar	30.0078962	73.268252 44	168	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Furqan Ahmad	Iron Shop	
176	1011	Old Meat Market Eid Gah Road Bahawalnag ar	29.9994582 8	73.252190 41	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Imam Din	Iron Shop	
177	11018	Khan Baba Road Bahawalnag ar	29.9936528 1	73.253769 67	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: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Khan Baba Khoshi Road 29.9936233 73.253783 Owned/ Rented/ 178 11027 100 1 Commercial No No Good Muhamm Iron Shop 15 Bahawalnag 4 Managed Leased ad ar Khan Baba 29.9935253 73.253735 Road Owned/ Rented/ Muhamm 11026 100 1 179 Commercial No No Good Iron Shop 3 33 Bahawalnag Managed Leased ad Arshad ar Khan Baba Muhamm Road 29.9932259 73.253828 Owned/ Rented/ 11028 100 1 Good 180 Commercial No No ad Iron Shop Bahawalnag 5 05 Managed Leased Shareef ar Quaid-e-Hafiz Milat Road 30.0014033 73.261069 Owned/ Rented/ 181 6004 48 1 Commercial No No Good Muhamm Iron shop Bahawalnag 3 1 Managed Leased ad Sharif ar Dilshad Market Quaid-e-30.0038581 73.259618 Owned/ Malik Rented/ 182 30005 1116 1 Commercial No No Good Iron Store Milat Road 8 47 Managed Tufail Leased Bahawalnag ar Municipal Shopping 29.9999355 73.256481 Owned/ Rented/ Nisar Jazz 183 12003 Center 200 1 Commercial No No Good 9 41 Managed Leased Ahmad Franchise Thana Sadar Road

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Municipal Shopping Center 29.9999331 73.256523 Owned/ Rented/ Nisar Jazz 12004 Thana Sadar 200 1 184 Commercial No No Good 6 9 Managed Leased Ahmad Franchise Road Bahawalnag ar Baldia Road 29.9991512 73.255032 Owned/ Rented/ Nadeem Jewellers Bahawalnag 431 1 185 23002 Commercial No No Good 2 75 Managed Leased Shop Azmat Municipal Shopping Center 29.9999026 73.256443 Owned/ Rented/ Juice Thana Sadar 200 1 186 12025 Commercial No No Good Jahanzaib 48 Managed Leased Corner Road Bahawalnag ar Quaid-e-Laal Milat Road 73.261158 Owned/ Rented/ Juice shop 5014 30.0012672 19040 1 Muhamm 187 Commercial No No Good 61 Managed and PCO Bahawalnag Leased ad ar Khan Baba Road 29.9941353 73.254344 Owned/ Rented/ Bashir Karyana 188 11034 100 1 Commercial No No Good Bahawalnag 1 63 Managed Leased Ahmad Store

Integrated Development and Asset Management Plan (IDAMP)															
	Municipal Committee Bahawalnagar														
Form IDAN	n: 1P-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	Ownershi p Status	Encroachm ent Status	Litigation Exist	Current Status	Conditi on	Tenant Name	Business	
189	19003	Minchanaba d Road Bahawalnag ar	30.0063475 7	73.266206 98	168	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Saleem	Khal Banola	
190	2005	Miscellaneo us Market Eid Gah Road Bahawalnag	29.9997005	73.252837 04	130	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ikram	Khal Banola	
191	30020	Quaid-e- Milat Road Bahawalnag ar	30.0031916 9	73.260137 86	4602	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ilyas Sidddiqi	Khal Banola/Re sidence	
192	1023	Old Meat Market Eid Gah Road Bahawalnag ar	29.9994350 8	73.252145 83	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Shafiq	Kiryana Store	
193	18010	Eid Gah Road Bahawalnag ar	30.0015367 6	73.257246 16	32	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Rafique	Kryana store	
194	17003	Shops Mulhiq Bagh Ali Hospital Thana Sadar	30.0004349 6	73.256561 14	264	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Qasim Ali	Landa Cloths	

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	Ownershi p Status	Encroachm ent Status	Litigation Exist	Current Status	Conditi on	Tenant Name	Business	
		Bahawalnag ar													
195	8016	Municipal Market Tehsil Bazar Road Bahawalnag ar	29.9995264 9	73.255205 15	241	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Arshad Khan	Madina Bakers & Sweets	
196	8018	Municipal Market Tehsil Bazar Road Bahawalnag ar	29.9995270 5	73.255025 4	484	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Irshad Ali	Madina Bakers & Sweets	
197	15037	Baldia Road Bahawalnag ar	29.9987759 9	73.255043 27	200	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Latif	Map Maker	
198	19035	Minchanaba d Road Bahawalnag ar	30.0068603 6	73.271328 88	168	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Khushi Muhamm ad	Marbel Shop	
199	20005	Minchanaba d Road Bahawalnag ar	30.0068604 8	73.271329 17	168	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Shakoor	Marbel Shop	
200	19038	Minchanaba d Road	30.0067103 6	73.270873 19	168	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhama md Ali S/o	Marble shop	

# **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag Allah Bakhsh, ar Muhamm ad Javed S/o **Bypass** Minchanaba Muhamm 30.0086717 73.271376 Owned/ Rented/ Marble 201 28005 d Road 15999 1 Commercial No No Good ad 29 Managed Leased works Bahawalnag Mushtag ar **Bypass** Minchanaba Siraj 30.0076552 73.271335 Owned/ Rented/ Marble 15999 202 28009 d Road 1 Commercial No No Good 8 Managed Leased Ahmad works Bahawalnag ar Miscellaneo us Market 29.9997100 Eid Gah 73.252799 Owned/ Rented/ Muhamm Masala 2001 130 1 Good 203 Commercial No No Road 6 51 ad Sabir Managed Leased Jaat Shop Bahawalnag ar Miscellaneo us Market Eid Gah Muhamm 73.252856 Owned/ Rented/ Masala 2004 29.9996607 130 1 204 Commercial No No Good 79 Jaat Shop Road Leased Managed ad Anwar Bahawalnag ar

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status Exist p Status **Status** on Name **Status** khan baba 29.9939716 73.254122 medical Owned/ Rented/ 280 2 205 Commercial No No Fair Chirag din 5 88 market Managed Leased store Quaid-e-Muhamm 30.0016796 73.260989 Milat Road Owned/ Rented/ 48 1 206 6001 Commercial No No Good ad Milk shop 5 Bahawalnag 38 Managed Leased Nadeem ar Minchanaba d Road 30.0082549 73.268618 Owned/ Rented/ Shamim 207 19029 168 1 Mini Guds Commercial No No Good 8 92 Akhter Bahawalnag Managed Leased ar Minchanaba d Road 30.0105371 73.271557 Owned/ Rented/ Muhamm Mobil Oil 272 208 21001 1 Commercial No No Good Bahawalnag 8 36 Managed Leased ad Ashraf Shop ar Baldia Road Syed 29.9985671 73.255221 Owned/ Mobile Rented/ Naieeb Ali 209 14002 Bahawalnag 100 1 No Commercial No Good 6 26 Managed Leased shop Shah ar Municipal Market 29.9996879 Tehsil Bazar 73.255510 Owned/ Rented/ Muhamm Mobile 210 8002 60 1 No Good Commercial No 8 77 Shop Road Managed Leased ad Amin Bahawalnag Municipal Mobile Market 29.9996366 73.255572 Owned/ Rented/ Mirza 60 211 8015 1 Commercial No No Good Tehsil Bazar 9 1 Managed Leased Irfan Shop Road

# **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Municipal Market Tehsil Bazar 29.9995748 73.255494 Owned/ Rented/ Muhamm Mobile 212 8004 60 1 Commercial No No Good Road 6 66 ad Shafi Managed Leased Shop Bahawalnag ar Municipal Market Tehsil Bazar Shahid 73.255566 Owned/ Rented/ Mobile 29.9995715 60 1 Commercial 213 8005 No No Good 59 Road Managed Leased Mehmood Shop Bahawalnag Municipal Market Hafiz Tehsil Bazar 29.9995083 Owned/ Mobile 73.255438 Rented/ 214 8006 60 1 Commercial No No Good Muhamm Road 4 98 Managed Leased Shop ad Yousaf Bahawalnag ar Municipal Market Tehsil Bazar 73.255421 Owned/ Rented/ Muhamm Mobile 29.9995386 60 Commercial 215 8007 1 No No Good Road 58 Managed Leased ad Afzal Shop Bahawalnag ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Municipal Market Muhamm 73.255433 Tehsil Bazar 29.9995521 Owned/ Rented/ Mobile 60 1 ad Arshad 216 8008 Commercial No Good No Shop Road 82 Leased Managed Adil Bahawalnag ar Municipal Market 29.9996214 73.255375 Owned/ Abdul Mobile Tehsil Bazar Rented/ 217 8009 60 1 Commercial No No Good 9 Road 9 Ghani Managed Leased Shop Bahawalnag ar Municipal Market Tehsil Bazar 29.9993872 73.255326 Owned/ Rented/ Sved Mobile 60 218 8010 1 Commercial No No Good 8 07 Road Managed Leased Ikram Shop Bahawalnag ar Municipal Abbasia Shopping Textile Center 29.9997514 73.256102 Owned/ Rented/ Mils Mobile 200 218 12022 Thana Sadar 1 Commercial No No Good 3 Managed Bazria Leased shop Road Muhamm Bahawalnag ad Dilbar ar Municipal 73.256118 Owned/ Rented/ Abbasia Mobile 219 12021 29.9997446 200 1 Commercial No No Good Managed **Textiles** shop Shopping Leased

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Center Mils Thana Sadar Bazria Muhamm Road ad Dilbar Bahawalnag ar Municipal Shopping Center 30.0000641 73.256687 Owned/ Mobile Rented/ 12008 Thana Sadar 200 1 Akhtar Ali 220 Commercial No No Good 06 Managed Leased Shop Road Bahawalnag ar Eid Gah Road 30.0027996 Owned/ Muhamm Mobile 73.259950 Rented/ 32 221 18001 1 Commercial No No Good Bahawalnag 6 Managed Leased ad Iqbal shop ar Eid Gah 30.0028583 Muhamm Road 73.259854 Owned/ Rented/ Mobile 32 18002 No Good 222 1 Commercial No 6 03 Bahawalnag Managed Leased ad Amjad Shop ar Eid Gah Road 30.0028788 73.259847 Owned/ Rented/ Muhamm Mobile 18003 32 223 1 Commercial No No Good Bahawalnag 2 38 Leased ad Arif Shop Managed ar Muhamm Eid Gah 30.0028033 73.259726 Owned/ Mobile Rented/ 18005 32 1 No No Good ad 224 Commercial 9 17 Road Managed Leased shop Khuram

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Nilam Cinema Chowk Muhamm Mobile 29.9993450 73.262264 Owned/ Rented/ 225 25006 Muslim 64 1 ad Commercial No No Good 84 Managed Leased Shop Shareef Colony Bahawalnag ar Municipal Market Tehsil Bazar 29.9995098 73.255290 Owned/ Rented/ Muhamm Mobile 8013 241 1 226 Commercial No No Good 2 ad Safdar shop Road 31 Managed Leased Bahawalnag ar Quaid-e-Motorcycl Muslim Milat Road 73.260464 Owned/ Rented/ 227 5003 30.0026011 19040 1 Commercial No No Good Cycle 23 Managed Bahawalnag Leased Showroo Works ar Dilshad Market Muhamm Motors ad Asim Quaid-e-30.0036270 73.259705 Owned/ Rented/ 1 228 30001 252 Commercial No No Good and Rent Milat Road 2 19 Managed Leased Khan A Car Bahawalnag Zahid ar 30.0004289 Saif Ullah Mukhtar Shops 73.256560 Owned/ Rented/ 229 17004 264 1 No No Good Commercial 5 46 Mulhiq Bagh Managed Leased Qureshi Flex

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop No of **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** p Status ent Status Exist **Status** on Name **Status** Ali Hospital Thana Sadar Bahawalnag ar Khan Baba Muhamm Road 29.9940360 73.254173 Owned/ Rented/ Naswar 230 11008 100 1 Good ad Khalil Commercial No No 7 81 Bahawalnag Managed Leased shop Khan ar 30.0028187 73.259855 Owned/ Rented/ 2 1250 231 Satluj park Commercial No No Fair null null 94 Managed Leased Baldia Road Office Anti 29.9981697 73.255139 Owned/ Rented/ 232 14001 Bahawalnag 1632 1 Commercial No No Good Corruptio Office 67 Managed Leased ar n Shops Mulhiq Bagh Malik Ali Hospital 30.0002770 73.256584 Owned/ Rented/ 1 233 17006 140 Commercial No No Good Abdul Office Thana Sadar 4 86 Managed Leased Hafeez Bahawalnag ar Minchanaba 30.0076495 Abdul d Road 73.268079 Owned/ Rented/ 168 1 234 19017 Commercial No No Good Oil shop Bahawalnag 4 34 Managed Leased Rehman Miscellaneo us Market 29.9997099 73.252799 Owned/ Rented/ Muhamm Oil Shop 235 2003 130 1 Commercial No No Good Eid Gah 4 23 Managed Leased ad Sultan Road

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Quaid-e-Milat Road 30.0021433 73.260641 Owned/ Rented/ Muhamm 48 1 236 6008 Commercial No No Good Oil shop 3 Bahawalnag 01 Managed Leased ad Asghar ar Quaid-e-Muhamm Milat Road 30.0018363 73.261079 Owned/ Rented/ 237 5017 48 1 No Commercial No Good ad Ayyub Oil shop 4 67 Managed Bahawalnag Leased Khan ar Quaid-e-Milat Road 30.0089757 73.269351 Owned/ Rented/ Muhamm 478 238 20003 1 Commercial No No Good Open Plot Managed Bahawalnag 8 61 Leased ad Din ar Minchanaba d Road 30.0080828 73.271369 Owned/ Muhamm Rented/ 239 19039 168 1 Commercial No No Good Open Plot 7 67 Bahawalnag Managed Leased ad Shafiq ar Chishtian Road 29.9958477 73.241343 Owned/ Rented/ Ahsan 240 21002 1088 1 No No Good Open Plot Commercial 6 67 Bahawalnag Managed Leased Kareem ar Khan Baba Road 29.9940620 73.254370 Owned/ Rented/ Mumtaz Paint 241 11004 100 1 Commercial No Good No 2 37 Bahawalnag Managed Leased Ahmad Shop ar

### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop No of **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Minchanaba Ashfaq 30.0073029 d Road 73.267636 Owned/ Rented/ 242 19009 168 1 Commercial No No Good **Paints** 9 91 Managed Leased Bahawalnag Ahmad ar Old Meat Muhamm Market Eid 29.9995290 73.252398 Owned/ ad Rented/ 243 1016 Gah Road 120 1 Commercial No No Good Pan Shop 1 84 Leased Managed Siddique Bahawalnag Umer ar Mohd. Rafiq S/O Old Meat Market Eid Ameer 73.252611 Owned/ Rented/ 29.9995819 95 244 1002 Gah Road 1 Commercial No No Good Bux. Faiz Pan Shop Managed Leased Muhamm Bahawalnag ad S/O ar MAmin Baldia Road 29.9987281 Abdul 73.255113 Owned/ Rented/ 200 245 15028 Bahawalnag 1 Commercial No No Good **Pharmacy** 8 32 Managed Leased Rehman ar Baldia Road 29.9986765 73.255202 Owned/ Rented/ Shoukat 15029 Bahawalnag 200 1 No Good 246 Commercial No **Pharmacy** 6 76 Managed Ali Leased ar Municipal Abdul Shopping 29.9996656 73.256036 Owned/ Rented/ 247 12024 Center 200 1 Commercial No No Good salam **Pharmacy** 6 04 Managed Leased Thana Sadar akhtar Road

# **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Municipal Shopping Center 29.9998541 73.256130 Owned/ Rented/ **Amanat** 248 12016 Thana Sadar 200 1 Good Commercial No No **Pharmacy** 1 2 Managed Leased Ali Road Bahawalnag ar Municipal Shopping Center 29.9999511 73.256529 Owned/ Rented/ Amjad Thana Sadar 1 Pharmacy 249 12005 200 Commercial No No Good Ghafoor 54 Managed Leased Road Bahawalnag ar Khan Baba Chiragh Road 29.9940061 73.254152 Owned/ Rented/ 250 11010 100 1 Commercial No No Good **Pharmacy** Bahawalnag 3 07 Managed Leased Din ar Municipal Shopping Center 29.9998168 73.256168 Owned/ Rented/ Muhamm 251 12018 Thana Sadar 200 1 Commercial No No Good Pharmacy 8 64 Managed ad Ahmad Leased Road Bahawalnag ar

## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Dilshad Market Quaid-e-73.259446 30.0039454 Owned/ Rented/ Muhamm 1 252 3009 132 Commercial No Good **Pharmacy** No 5 95 Leased ad Naeem Milat Road Managed Bahawalnag ar Dilshad Market Ch. Fagir 73.259481 Quaid-e-Owned/ Rented/ 30.0039111 253 3010 192 1 Commercial No No Good Muhamm Pharmacy Milat Road 18 Managed Leased ad Bahawalnag ar Municipal Market Sved Tehsil Bazar 29.9993940 73.255157 Owned/ Rented/ Shamshad Photo 248 254 8017 1 Commercial No No Good 5 37 Road Managed Leased Hussain Studio Zaidi Bahawalnag ar Municipal Shopping Center Mazhar 29.9997088 73.256022 Owned/ Rented/ Photo 255 12011 Thana Sadar 200 1 Commercial No No Good Igbal 6 Managed Leased Studio Road Ghazi Bahawalnag ar Photostat Quaid-e-30.0025016 73.260560 Owned/ Rented/ Nazir 256 5005 19040 1 Commercial No No Good Milat Road 09 Managed Leased Ahmad shop

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Thana City 30.0000948 73.256829 Road Owned/ Rented/ Mumtaz **Photostat** 1 257 16004 162 Commercial No No Good Bahawalnag 8 42 Managed Leased Ahmad e ar Municipal Market Tehsil Bazar 29.9995481 73.255487 Owned/ Rented/ Muhamm **Photostat** 8011 60 1 Commercial 258 No No Good 8 91 Road Managed Leased ad Igbal e Shop Bahawalnag Municipal Market Mirza 29.9995541 Tehsil Bazar 73.255391 Owned/ Rented/ Photostat 60 1 Muhamm 259 8012 Commercial No No Good Road 8 16 Leased Managed e Shop ad Asharf Bahawalnag ar Quaid-e-Milat Road 30.0024835 73.260368 Owned/ Rented/ Abdul Photostat 48 260 6007 1 Commercial No No Good 1 86 Managed Bahawalnag Leased Latif e shop ar 30.0028187 73.259855 Owned/ Rented/ satluj park 13600 2 No null 261 Commercial No Fair press club 94 Managed Leased Shops Muhamm 30.0002457 73.256937 Owned/ Rented/ 17011 Mulhiq Bagh 140 1 ad Azhar **Printers** 262 Commercial No No Good 87 Managed Leased Ali Hospital Igbal

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Thana Sadar Bahawalnag ar Municipal Shopping Center 29.9999455 73.256740 Safdar Owned/ Rented/ Printing 200 263 12001 Thana Sadar 1 Commercial No No Good 7 Managed Bilal Leased Press Road Bahawalnag ar Municipal Shopping Center 29.9998991 73.256748 Owned/ Rented/ Nazir Printing 200 13003 Thana Sadar 1 264 Commercial No No Good 6 45 Ahmad Managed Leased Press Road Bahawalnag ar Municipal Shopping Center 29.9997805 73.256817 Owned/ Rented/ Muhamm Printing 265 12010 Thana Sadar 200 1 Commercial No No Good 4 82 Managed Leased ad Irshad Press Road Bahawalnag ar Municipal 29.9997233 73.256811 Owned/ Rented/ Anwar Printing 266 12009 Shopping 200 1 Commercial No No Good 2 79 Managed Leased Bibi Press Center

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi Tenant **Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Thana Sadar Road Bahawalnag ar Municipal Shopping Center 29.9996781 73.256802 Owned/ Rented/ Muhamm Printing 267 12026 Thana Sadar 200 1 Commercial No No Good 72 Managed Leased ad Tariq Press Road Bahawalnag Shops Mulhiq Bagh Ali Hospital 30.0005142 Owned/ Printing 73.256570 Rented/ Amjad 1 268 17002 264 Commercial No No Good 9 Thana Sadar 51 Managed Leased Ghafoor Press Bahawalnag ar Shops Mulhig Bagh Ali Hospital 30.0005708 73.256516 Owned/ Rented/ Printing 269 17001 264 1 Commercial No No Good Jalal Din Managed Thana Sadar 8 07 Leased press Bahawalnag ar Baldia Road 73.254774 Owned/ Rented/ Nizam Ul Property Bahawalnag 29.9986255 263 Good 270 15011 1 Commercial No No 91 Managed Leased Din Dealer ar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Eid Gah Muhamm 30.0027089 Road 73.259590 Owned/ Rented/ 32 271 18007 1 Commercial No No Good ad Red chilli 29 Bahawalnag 9 Managed Leased Munawar ar Baldia Road 29.9987447 73.254997 Owned/ Rented/ Khurram Refreshm 15030 Bahawalnag 200 1 272 Commercial No No Good 75 Mashkoor Managed Leased ent Point ar Minchanaba d Road 30.0076084 73.267802 Owned/ Rented/ Repairing 273 168 1 Commercial No No Good Ramzan Bahawalnag 2 2 Managed Leased shop ar Quaid-e-Muhamm Milat Road 30.0017171 73.261114 Owned/ Rented/ 478 274 30013 1 Commercial No No Good ad Amir Residence 59 Bahawalnag 4 Managed Leased Rasheed ar Quaid-e-Milat Road 30.0012814 73.261039 Owned/ Rented/ Nazir Samosa 19040 1 275 5013 Commercial No No Good Bahawalnag 4 67 Managed Leased Ahmad Shop ar Minchanaba d Road 30.0075966 73.268036 Owned/ Rented/ Habib Sanitary 276 19015 168 1 Commercial No No Good 5 56 Managed Leased Ahmad Bahawalnag Store ar Minchanaba d Road 30.0075965 73.268036 Owned/ Rented/ Shamim Sanitary 19016 277 168 1 Commercial No No Good 3 27 Bahawalnag Managed Leased Akther Store ar

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Quaid-e-Abdul 30.0022742 Milat Road 73.260634 Owned/ Rented/ Sapray 278 6009 48 1 Commercial No No Good Rehman 5 81 Bahawalnag Managed Leased center Khawar ar Quaid-e-Milat Road 30.0023792 73.260663 Owned/ Rented/ Shafqat Sapray 279 5006 19040 1 Commercial No No Good 31 Bahawalnag Managed Leased Nadeem centre ar Quaid-e-Milat Road 30.0017230 73.261214 Owned/ Rented/ Muhamm Sapray 280 5011 19040 1 No No Good Commercial Bahawalnag 3 72 Managed Leased ad Amin Centre ar Nazir Quaid-e-Ahmad. Seeds and Milat Road 30.0025867 73.260440 Muhamm Owned/ Rented/ 281 6012 19040 1 No Fertilizer Commercial No Good Bahawalnag 9 68 ad Managed Leased Shop Rafique ar **Anjum** Khan Baba Road 29.9934186 73.253714 Owned/ Sami ul Shoe Rented/ 282 11023 100 1 No No Good Commercial Bahawalnag 7 37 Managed Hag Leased store ar Baldia Road Haji Abdul 29.9991857 73.255038 Shoes Owned/ Rented/ 283 23004 Bahawalnag 431 1 Commercial No No Good Rehman 6 07 Managed Leased Shop ar Qureishi Khan Baba 29.9933424 73.253700 **Shoes** Owned/ Rented/ Muhamm 284 11022 100 1 Commercial No No Good Road 29 Managed Leased ad Faroog Shop

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Bahawalnag ar Minchanaba 30.0064142 d Road 73.266217 Owned/ Rented/ Naeem Snooker 285 19004 168 1 Commercial No No Good Bahawalnag 6 97 Managed Leased Akthar Club ar Minchanaba Solar d Road 30.0078439 73.268249 Owned/ Rented/ Qari 19022 168 1 286 Commercial No No Good panels Bahawalnag 7 81 Sultan Managed Leased shop ar Baldia Road Muhamm 29.9985510 73.255241 Owned/ Rented/ Sports 287 14003 Bahawalnag 100 1 Commercial No No Good ad Shafiq 2 21 Managed Leased shop ar Uz Zaman Baldia Road Muhamm 29.9988960 73.254957 Owned/ Rented/ Sports 288 15027 Bahawalnag 200 1 Commercial No No Good ad 8 04 Managed Shop Leased Zulfigar ar Baldia Road 29.9987448 73.254998 Owned/ Muhamm Sports Rented/ 200 1 289 15032 Bahawalnag Commercial No No Good 3 03 ad Faroog Managed Leased Shop ar Baldia Road Abdul 29.9986448 73.255019 Owned/ Rented/ Sports Bahawalnag 290 15038 200 1 Commercial No No Good 8 91 Managed Leased Latif shop ar Thana City Nazar Road 30.0014230 73.261555 Owned/ Rented/ Spray 16007 162 291 1 Commercial No No Good Muhamm Bahawalnag 79 Managed Leased centre ad ar

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop **Property** Area No of Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** Exist p Status ent Status **Status** on Name **Status** Quaid-e-30.0022545 Milat Road 73.260697 Owned/ Rented/ Munir Spray 292 5007 19040 1 Commercial No No Good Bahawalnag 1 37 Ahmad Managed Leased centre ar Baldia Road 29.9988936 73.254954 Owned/ Rented/ Khalil 15003 263 1 293 Bahawalnag Commercial No No Good Store 5 95 Managed Leased Ahmad ar Baldia Road 29.9990054 73.254857 Owned/ Rented/ **Imtiaz** 294 15014 Bahawalnag 100 1 Commercial No No Good Store 2 91 Managed Leased Ahmad ar Baldia Road 29.9984896 73.254990 Owned/ Muhamm Rented/ Bahawalnag 100 1 No Good Store 295 15009 Commercial No 5 52 Managed Leased ad Ashraf ar Baldia Road 29.9984775 73.254810 Abdul Owned/ Rented/ 296 15008 Bahawalnag 100 1 No Commercial No Good Store Hafeez Managed Leased ar Baldia Road Abdul 29.9985041 73.254813 Owned/ Rented/ Bahawalnag 100 297 15007 1 Commercial No No Good Store 1 Hafeez 11 Managed Leased ar Baldia Road 29.9985521 73.254802 Owned/ Rented/ Khalil 298 15026 Bahawalnag 200 1 Commercial No No Good Store 2 12 Managed Leased Ahmad ar Baldia Road Muhamm 29.9985914 73.254794 Owned/ Rented/ 299 15006 Bahawalnag 263 1 No Good ad Khalid Commercial No store 5 Managed Leased ar Faroog

#### **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Baldia Road 73.254685 Owned/ Rented/ Muhamm 15023 29.998726 263 1 300 Bahawalnag Commercial No No Good Store Managed Leased ad Igbal ar Sada Baldia Road 73.254687 Owned/ Rented/ Hussain. 301 15024 Bahawalnag 29.9987371 331 1 Commercial No No Good Store 15 Arif Managed Leased ar Hussain Shops Mulhiq Bagh Malik Ali Hospital 30.0002090 73.256515 Owned/ Rented/ 17007 140 1 Abdul 302 Commercial No No Good Store Thana Sadar 1 32 Managed Leased Hafeez Bahawalnag ar Shops Mulhiq Bagh Malik Ali Hospital 30.0002090 73.256515 Owned/ Rented/ 303 17009 140 1 Commercial No No Good Abdul Store 32 Thana Sadar Managed Leased Hafeez Bahawalnag ar Shops Mulhiq Bagh Malik Ali Hospital 30.0002610 73.256547 Owned/ Rented/ 17008 140 304 1 Commercial No No Good Abdul Store 7 Thana Sadar 16 Managed Leased Hafeez Bahawalnag ar Khan Baba Muhamm 73.253924 Owned/ Rented/ 29.9939022 305 11013 100 1 No Commercial No Good Store Road Managed Leased ad Nazir

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories** ent Status Exist p Status **Status** on Name **Status** Bahawalnag ar Baldia Road 29.9988771 73.254798 Owned/ Muhamm Rented/ Bahawalnag 15018 100 1 No Good Store 306 Commercial No 2 24 ad Umer Managed Leased ar Baldia Road 29.9984896 73.254990 Owned/ Rented/ Muhamm 307 15010 Bahawalnag 100 1 Commercial No No Good Store 5 52 Managed Leased ad Ajmal ar Miscellaneo us Market Eid Gah 29.9999245 73.253178 Owned/ Rented/ Muhamm 1 308 2013 163 Commercial No No Good store Road 31 Managed Leased ad Hafeez Bahawalnag ar **Bypass** Minchanaba Store and 30.0076264 73.271329 Owned/ Rented/ Muhamm 309 28011 d Road 15999 1 Commercial No No Good Wait 3 41 Managed Leased ad Igbal Machine Bahawalnag ar Minchanaba 30.0063154 d Road 73.266178 Owned/ Rented/ Irshad Sweet 168 1 310 19001 Commercial No Good No 38 Shop Bahawalnag 9 Managed Leased Ahmad Quaid-e-Milat Road 30.0013150 73.261159 Owned/ Rented/ Sweet 48 311 6003 1 Commercial No Good Jamal Din No Bahawalnag 6 63 Managed Leased Shop ar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code Address (Sqft) **Stories Exist** p Status ent Status **Status** on Name **Status** Quaid-e-Muhamm Milat Road 30.0016228 73.260996 Owned/ Rented/ **Sweets** 312 5010 19040 1 Commercial No No Good ad 8 2 Bahawalnag Managed Leased shop Magsood ar Quaid-e-Milat Road 30.0013150 73.261159 Owned/ Rented/ **Sweets** 6002 48 1 Jamal Din 313 Commercial No No Good 6 63 Bahawalnag Managed Leased shop ar Thana City Khawaja Road 30.0000681 73.256925 Owned/ Rented/ 16003 162 1 Afzal Tea Stall 314 Commercial No No Good Bahawalnag 5 33 Managed Leased Ahmad ar Dilshad Market Quaid-e-30.0035241 73.259775 Owned/ Rented/ Muhamm 315 3017 300 1 No Commercial No Good Tea stall Milat Road 7 8 Managed ad Usman Leased Bahawalnag ar Khan Baba Road 29.9938662 73.253865 Owned/ Rented/ Muhamm 316 11015 100 1 No No Tea Stall Commercial Good Bahawalnag 3 64 Managed ad Ismail Leased ar Quaid-e-Muhamm Milat Road 30.0022130 73.260675 Owned/ Rented/ 48 Commercial 317 5008 1 No No Good ad Tea stall Bahawalnag 4 35 Managed Leased Rafique ar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Eid Gah 30.0027320 73.259804 Gulam Tobacco Road Owned/ Rented/ 318 18006 32 1 Commercial No No Good 9 26 Managed Bahawalnag Leased Rasool Shop ar Municipal Shopping Center Gulzar 29.9999735 Owned/ 73.256604 Rented/ Travel 319 12007 Thana Sadar 200 1 Commercial No No Good Ahmad 75 Managed Leased agency Road Nagi Bahawalnag Shops Mulhiq Bagh Muhamm Ali Hospital 30.0001563 Travels 73.257151 Owned/ Rented/ 140 1 320 17017 Commercial No No Good ad Thana Sadar 1 96 Managed Leased and Tours Magsood Bahawalnag ar Shops Mulhig Bagh Ali Hospital 30.0001246 73.257130 Owned/ Rented/ Israr Travels 321 17012 140 1 Commercial No No Good Ahmad Thana Sadar 2 15 Managed Leased and Tours Bahawalnag ar Dilshad Qasim Tyre and Market 30.0035169 73.259734 Owned/ Rented/ 322 3021 264 1 Commercial No No Good Muhamm Battery Quaid-e-6 65 Managed Leased ad Ali Service Milat Road

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag (Dawn Autos) ar Quaid-e-Tyre and Milat Road 30.0015053 73.261088 Abdul Owned/ Rented/ 48 1 323 6006 Commercial No No Good Battery 5 Bahawalnag 73 Managed Leased Latif Service ar **Bypass** Minchanaba 30.0098629 73.270600 Owned/ Rented/ Naseem 28007 d Road 15999 1 324 Commercial No No Good Tyre Shop 74 Akhter Managed Leased Bahawalnag ar Quaid-e-Milat Road 30.0017609 73.261004 Owned/ Rented/ Muhamm 325 5009 19040 1 No No Good Commercial Tyre shop 5 58 Managed ad Saleem Bahawalnag Leased ar Quaid-e-Muhamm Milat Road 30.0018177 73.261046 Owned/ Rented/ 326 5018 48 1 Commercial No No Good ad Ayyub Tyre shop 3 81 Managed Leased Bahawalnag Khan ar Quaid-e-Milat Road 30.0019726 73.260918 Owned/ Rented/ 48 327 5021 1 Commercial No Good Sajid Aziz Tyre Shop No 9 Bahawalnag 52 Managed Leased Quaid-e-30.0020689 Milat Road 73.260911 Owned/ Rented/ Muhamm 5022 64 328 1 Commercial No Good Tyre shop No Bahawalnag 8 63 Managed Leased ad Jamil ar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Minchanaba Utility 30.0070013 73.271311 d Road Owned/ Rented/ Manzoor store 329 19037 168 1 Commercial No No Good 3 01 Managed Ahmad Bahawalnag Leased warehous ar e Miscellaneo us Market 29.9997337 Owned/ Abdul Eid Gah 73.252871 Rented/ Vegetable 130 330 2007 1 Commercial No No Good Road 1 03 Managed Leased Ghafar Shop Bahawalnag ar Miscellaneo us Market Eid Gah 29.9997337 73.252871 Owned/ Rented/ Habib Vegetable 331 2009 163 1 Commercial No No Good 1 03 Road Ahmad Managed Leased Shop Bahawalnag ar Eid Gah Muhamm Vegetable Road 30.0028136 73.259779 Owned/ Rented/ 32 18004 Good 332 1 Commercial No No 9 09 ad Yasin Bahawalnag Managed Leased Shop ar Eid Gah Road 30.0027232 73.259570 Owned/ Rented/ Vegetable 32 333 18008 1 Commercial No No Good Ashraf Bahawalnag 4 87 Leased Managed shop ar Eid Gah 30.0027491 73.259549 Muhamm Vegetable Owned/ Rented/ 32 334 18009 1 Commercial No No Good Road 5 88 Managed ad Kashif Leased Shop

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop **Asset Code: IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** Shop No of **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Bahawalnag ar Municipal Shopping Center Veterinary 29.9997112 73.256074 Owned/ Rented/ Muhamm 335 Thana Sadar 200 1 Good Medical 12023 Commercial No No 2 58 Managed Leased ad Tufail Road Store Bahawalnag ar Baldia Road 29.9987632 73.254856 Owned/ Rented/ Muhamm Warehous 100 1 336 15021 Bahawalnag Commercial No No Good 2 88 Leased ad Shafiq Managed e ar Baldia Road 29.9984897 73.254990 Owned/ warehous Rented/ 15015 Bahawalnag 100 1 Attaullah 337 Commercial No No Good 7 81 Managed Leased ar Baldia Road Sajjad 29.9987447 73.254997 Owned/ Rented/ Weapons Bahawalnag 200 Commercial 338 15031 1 No No Good Ahmad 1 75 Managed Leased Dealer Shakir ar Minchanaba d Road 30.0073029 73.267636 Owned/ Rented/ Rana 339 19010 168 1 No Good Welding Commercial No 9 91 Bahawalnag Managed Leased Tario ar Minchanaba d Road 30.0074736 73.267765 Owned/ Rented/ Muhamm 340 19012 168 1 Commercial No Good Welding No 5 96 ad Yasin Bahawalnag Managed Leased ar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Bahawalnagar** Form: Shop Asset Code: **IDAMP-A17 Asset Condition Assessment** Date: 02-05-2023 **Property** No of Shop **Property** Area Ownershi Encroachm Litigation Current Conditi **Tenant Business** SR. Latitude Longitude Location Code **Address** (Sqft) **Stories** ent Status **Exist** p Status **Status** on Name **Status** Nilam Cinema Chowk 29.9993141 73.262222 Owned/ Azhar Rented/ 64 1 341 25005 Muslim Commercial No No Good Welding 94 Mehmood Managed Leased Colony Bahawalnag ar Quaid-e-30.0042279 73.259248 Milat Road Owned/ Rented/ Muhamm Woodwor 342 30015 816 1 Commercial No No Good 8 48 ad Yaar Bahawalnag Managed Leased ks Quaid-e-Shah Milat Road 30.0041678 73.259257 Owned/ Rented/ Woodwor 343 30014 201 1 Commercial No No Good Muhamm 21 6 ks Bahawalnag Managed Leased ad ar Minchanaba d Road 30.0082502 73.268665 Owned/ Rented/ Muhamm Wook 344 19031 168 1 Commercial No No Good 7 59 Bahawalnag Managed Leased ad Zafar works ar Minchanaba d Road 30.0083925 73.269082 Muhamm Owned/ Rented/ wook 19032 168 1 345 No No Good Commercial 5 Bahawalnag 81 Managed Leased ad Zafar works ar **Bypass** 73.271350 Owned/ Rented/ Work 346 28010 Minchanaba 30.0081896 15999 1 Commercial No No Good Asmat Ara 6 Managed Leased shop d Road

	Integrated Development and Asset Management Plan (IDAMP)																
	Municipal Committee Bahawalnagar																
Form IDAM	n: IP-A17						Ass	Shop et Condition A	ssessment				Asset Code: Date:	02-05-2023			
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	Soft) Stories Location n Status ent Status Evict Status on		T   Location   Ownershi   Encroachm   Litigation				Conditi	Tenant Name	Business			
		Bahawalnag ar															
347	6010	Quaid-e- Milat Road Bahawalnag ar	30.0024723 3	73.260369 91	48	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ashraf	Workshop			
348	9002	Baldia Road Bahawalnag ar	29.9977285 4	73.255517	200	1	Commercial		No	No	Rented/ Leased	Good	Dr. Maqsod Ahmad Baloch	Freshly,cyl inder gass,jazz franchise			
	erage core	1				2			3			4		5			
	sset ndition		Excellent		Good			Fair			Pe	oor	Fa	iling			
Cat	tegory		Α			В			С		D E						
	Data Collected By: Mr. Abdullah						Designation: Team Member					Designation: Team Member  Sign & Date: 30 May 2				: 30 May 2023	3
	Data Checked By: Mr. M. Fiaz						Designation: Team Lead					Maypy					
												Sign & Date:	: 30 May 2023	3			

## 5. Public Places

### Α. **Bus Stand**

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

		Integrate	ed Dev	/elopm	ent an	d Asse	t Mana	gement P	lan (IDAMP)	
			N	1unicip	al Com	mitte	Bahav	valnagar		
Form	:				Bus S	tand			As	
IDAMP-	<b>A12</b>		P	Asset C	onditio	n Asse	ssment	:		
Name			G	eneral	Bus Sta	ınd			Picture	
Location	Latitude			29.9	33809					
Location	Longitud	ngitude		73.2	20986					
Address			Μοι	ıza Rab						
					alnaga	r		1	OF THE REAL PROPERTY.	
Year of Cons					)13				The state of the s	
Last Major R	enovatio	1		Not A	/ailable	<u>;</u>				
Area (Acres)	Area (Acres)			1	.6					
Ownership				Distric	t Govt	· 	100	Bal	hāwalnagar, Punjab,	
Class	Class		Α	В	С	D		Paki	C+MH3, چشتیاں روڈ , Bahāwa istan	
Designed	Buses			Not A	/ailable	<u>;</u>	5	Long	29,984844° g 73,221014° 05/23 11:29 AM GMT +05:00	
Capacity of	Coaster	S		Not A	/ailable	<u>)</u>				
Vehicles	Wagons	i		Not A	/ailable	j		- The state of the		
Daily parking of	Buses			2	60			2010	ELOUP.	
vehicles (based on	Coaster	s		2	25					
informatio n provided	Wagons		45							
by MC)	Rickshaws			5	0		-	Bal	hāwalnagar, Punjab,	
Distance from	n the urb	an area		4	km			vi9+MG7, Bahāwalnagar, I 29.984667°		
Security	At Entry	,	Υ	es	N	lo		g 73.220911° 05/23 11:29 AM GMT +0:		
Security	At Exit		Υ	es	N	lo	200	- Aller		
Coto	At Entry	,	Υ	'es	N	lo				
Gate	At Exit		Υ	'es	N	lo			The second second	
Waiting	Men		Υ	'es	Ν	lo		A I		
Area	Families	;	Υ	'es	N	lo			The same	
	Male		Υ	'es	N	lo	1			
Washroom	Female		Υ	'es	N	lo			I	
Prayer	Male		Y	'es	N	lo	15		hāwalnagar, Punjab,	
Room	Female		Υ	'es	N	lo		X6N Lat	d9+MG7, Bahāwalnagar, I 29.984499°	
Administrati	Administration Office		Υ	'es	N	lo	30		ig 73.220966° 05/23 11:28 AM GMT +0!	
Parking	Ricksh	aw	Υ	'es	N	lo	=	500gle 03/03/23 11.28		
Stand	Cars		Y	es	N	lo				
Fuel Outlets			Y	es	N	lo				

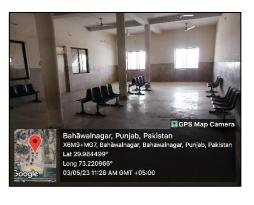


**Pictures** 

Asset Code:

Date: 02-05-2023





Sign & Date: 30 May 2023

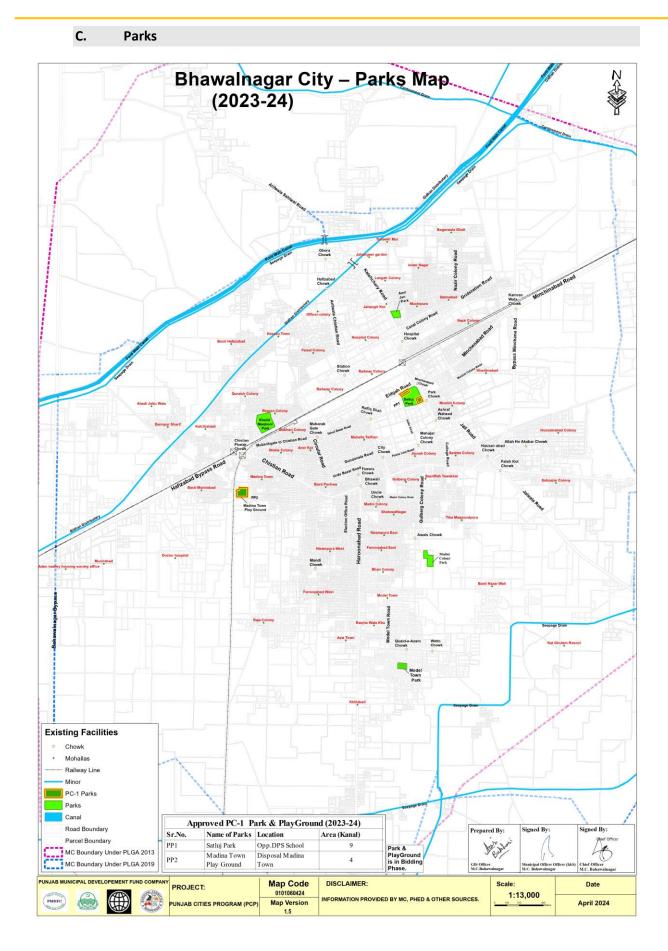
## **Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar** Form: **Bus Stand Asset Code: IDAMP-A12 Asset Condition Assessment** Date: 02-05-2023 **Reception Desk** Yes No **Ticketing System** Yes No **Tuck Shop** Yes No Workshop Yes No **Ablution Area** Yes No **Pedestrian** Yes No Bahāwalnagar, Punjab, Pakistan K6M9+MG7, Bahāwalnagar, Bahawalnagar, Punjab, Pakista Yes **Green Spaces** No **Water Drinking Arrangement** Yes No Long 73.2205° 03/05/23 11:26 AM GMT +05:00 **Water Disposal Arrangement** Yes No **Boarding Shed** Yes No Workshops Yes No Lighting Yes No **Boundary Wall** Yes No Flooring & **Tuff Tiles** Type **Pavement** Condition Good Fair Poor **Overall Rating Average Score** 2 5 **Asset Condition Excellent** Good Fair **Failing Poor** Ε Α В C D Category **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

# 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 D	evelopme	nt and A	Asset Mana	agement	Plan (IDAMP)							
Municipal Committee Bahawalnagar  Form: Slaughterhouse Asset Code:														
Form:			Slau	ghterho	use		Asset	Code:						
IDAMP-A	15	P	Asset Cond	dition As	sessment	Date: 02-05-2023								
Name			Slau	ughter H	ouse	Pictures								
Location	Latitu	ıde	2	29.99352	23									
Location	Longitude				12	V.		100						
Address	Address				ngh CTN alnagar									
Year of Con	structi	on	No	ot Availa	ble	7								
Total Area (	Acres)			1										
Ownership				MC			The same said	GPS Map Camera						
Slaughter Capacity	Larg	er Animals		50			Bahāwalnagar, Punjab, F X6VR+JFP, Madina Town Bahāwaln Pakistan Lat 29.993506° Long 73.240903°	Pakistan Jagar, Bahawalnagar, Punjab,						
(Per Day)	Sma	ller Animals		80		3000	30/04/23 06:12 AM GMT +05:00							
Supervisor			Yes		No									
Doctor's Ro	om		Yes No											
Inhabitation	n Facili	ty	Yes		No		Will very	1.02						
Slaughtering	g Hall		Yes		No									
Evisceration	Hall		Yes		No									
Meat Cuttin	g Rooi	m	Yes		No		Bahāwalnagar, Punjab, F	GPS Map Camera						
Blood Collec	ction A	rrangements	Yes		No		X6VR+JFP, Madina Town Bahawaln Pakistan Lat 29.993584*	agar, Bahawalnagar, Punjab,						
Skin Storage	Roon	n	Yes		No	300	Long 73.241138° 30/04/23 06:10 AM GMT +05:00							
Tools Disinf	ectant	System	Yes		No									
Health and	Hygien	ie SOPs	Yes		No									
Refrigeratio	n / Sto	orage System	Yes		No	2								
Separate Fa	cility fo	or Sick Animals	Yes		No									
Water Supp	ly Syst	em	Yes		No		S.P.M.							
Drainage &	Dispos	al Facility	Yes		No	1		GPS Map Camera						
Solid Waste Collection Facility			Yes		No		Bahāwalnagar, Punjab, F X6VR+JFP, Madina Town Bahāwaln Pakistan	Pakistan ragar, Bahawalnagar, Punjab,						
Boundary W	Gate	Yes No			3000	Lat 29.993488* Long 73.240951° 30/04/23 06:12 AM GMT +05:00	1							
Approach R	Approach Road Condition				Poor	100	dynamic in a							
Civil Structu	re Cor	dition	Good	Fair	Poor									
				Overa	II Rating									
Average S	Average Score 1			2	3	3	4	5						
Asset Condition Excellent			Go	od	Fa	ir	Poor	Failing						

Category	Α	В	С	D	Е								
	Remarks / Requirements												
No remarks													
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 30 May 2023													
Data Checked By: N	1r. M. Fiaz	Designation: Ted	am Lead	Sian & Date: 30	hy May 2023								



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

		Integra	ted Devel	nmen	t an	nd Assat Ma	nagement Plar	(IDAMP)		
		mtegra				nmittee Bah		r(IDAIVIP)		
Farms			IVIUI		Par		awamagan	Accet Code		
Form: IDAMP-A1	0		Asset			rk n Assessmer	nt	Asset Code: Date: 0		
Name				Satluj F	Park	(	Pictures			
	atitud	lo.	30.000904					.mathalia.de		
Location —				73.260		-				
Area In Acres	ongit	uae				3	i in			
				9.5	1					
Ownership-Ov possession all by any other of (documents av	locate lepart	ed to MC tment		МС	<u> </u>			G OPS Map C: 3ahàwainagar, Punjab, Pakistan 4728-1780, Bahawainagar, Bahawainagar, Punjab, Pak 473-4780, Bahawainagar, Bahawainagar, Punjab, Pak 473-4800, Bahawainagar, Punjab, Pak		
Turfing Condit		,	Good	Fair	r	Poor	Google	03/05/23 10:10 AM GMT +05:00		
Approach Roa	d		Good	Fair	r	Poor				
Parking Lots			Yes	Yes						
Canteen Avail	ability	/	Yes			No				
Average num visitors (based on the MC staff)				1500-2	000	)		alahawainagar, Punjab, Pakistan 7736-750, Bahawainagar, Bahawainagar, Punjab, Pak at 30006944*		
Any illegal encroachment yes, type			No					32(US)223 10-10 AM GMT +05:00		
Security system			Yes No							
	\	Natering 8	& Irrigation			NI-	The same of the sa			
Tube Well Water Supply 1	from !	Municipal	Systam	Ye		No No				
Water Supply Water Tank		viuincipal	Эузсен	Ye		No		Bahāwalnagar, Punjab, Pakistan		
Pumping Unit				Ye		No	AND DESCRIPTION OF THE PARTY OF	2726+750, Bahawainagar, Bahawainagar, Punjab, Paki at 30.001082° .ong 73.25998°		
Distribution Pi	pe Lin	ies		Ye		No		.01g 75.25998- 03/05/23 10:08 AM GMT +05:00		
/alves	_ = =	- <del>-</del>		Ye		No				
Sprinkler Syste	em			Ye		No				
Ground water storage reservo			irs/ponds	Ye		No				
Landscaping										
Grass Beds				Ye	S	No				
lower Beds				Ye		No				
Hedges				Ye		No		GPS Map Ca Bahawalnagar, Punjab, Pakistan		
Plants				Ye	S	No	22 C 3	?725+MVQ Satluj Park Bahawalnagar, Bahāwalnagar, Bahawaln Punjab, Pakistan .at 30.001779°		
Number of tre	es and	d species				0+	Soogle	ong 73.259737° ISJ05/23 10:13 AM GMT +85:00		

(based on readily at MC)	available informa	ation			Ī		
at IVIC)	Lights				1		
Total Number	Ligiits		25.	-26	1		
Poles		Yes	Yes No		1		
Cables		Yes		No			
Brackets And Ligh	Yes	_	No	1			
Bulbs And Tubes		Yes		No	1		
Control Units		Yes		No	1		
				1		Bahawalnagar, Punjab, Pakistar 2774-180; retigio-re Reheadings, Rel E- Bahasinoon, Filia Na Sta	
	Structures Gents			2	1		Google L. SECTIONS: Long TIL SECTION OF AND CONTRACTOR CALVASTOR TO TO A 440 CONTRACTOR
No. of Toilets	Ladies		2		1		
Gents		Goo d	Fa	air Poor	•		
Condition of Toile	Ladies	Goo	Fa	air Poor	4		
Buildings		Yes		No	1		
Fountains & Wate	er Fall Structure	Yes		No	1		
Walkways	a ot. actarc	Yes		No	1		
Jogging tracks		Yes		No	1		
Ramps at entry ga	ites for wheel chai		_	No	1		
Bridges & Culverts		Yes	_	No	1		
Play Area	-	Yes	_	No			
Gazebos		Yes		No			
Benches/ sitting a	rrangements	Yes	_	No			
Boundary Wall &		Yes		No	1		
Toilets		Yes		No	i		
Lakes & Brooks		Yes		No	ĺ		
	Mechanical Equip						
Pumping Units		Yes	;	No	1		
Swings		Yes		No	1		
Children Games		Yes		No			
Fixtures		Yes	;	No			
Benches		Yes	;	No	1		
S	anitation & Wate	r Supply			1		
Litter Bins		Yes	;	No			
Condition of SWM	1	Goo d	Fa	air Poor			
Toilet Fixtures		Yes		No	1		
Sewerage System		Yes		No	l		
Vegetation Cuttin		Yes		No	l		
Drinking water av				140	١		
(based on availal		-	t Av	ailable			
test reports)	-, -: -: acc. qc	,			Ì		
Water Pipes		Yes	;	No	1		
	HR				T		
Security Guards		Yes	;	No	1		
Landscape Expert	S	Yes	_	No			
Mali / Beldaar (Nu			3	3	1		
			Ove	erall Ratin	٤		
Average Score	1	2				3	3 4
Asset	Excellent	Good	t		_	Fair	Fair Poor
Condition				V Company			

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

**Pictures** 

Asset Code:

Date: 02-05-2023

		Integra	ted Develo	pment a	nd Asset N	lanagement Plan (IDA
		штев. а				ahawalnagar
Form			Asset	Pa Conditio	ent	
Name			Ar	mir Jan Pa	ark	F
	Latitud	de		30.00905	6	
Location	Longit			73.25853		=
Area In Acre		-		4.5		
Ownership- possession by any othe (documents	allocate er depar	ed to MC tment		MC		
Turfing Con		,	Good	Fair	Poor	
Approach R			Good	Fair	Poor	
Parking Lots			Yes		No	Bahāwalnag
Canteen Av		v	Yes		No	Water filter plant Bahawalnagar, F Lat 30,009085°
Average n visitors (based on t MC staff)	umber	of daily		1000-120		Long 72 2863 64 03 00 02 02 02 02 02 02 02 02 02 02 02 02
Any illega	l occu <sub>l</sub>	pants or				
encroachm	ents ob	oserved-if		No		
yes, type	4		Vas		N	Bahāwalnag
Security sys		Matarina	Yes		No	Water filter plant Bahawalnagar, P Lat 30,009056°
Tube Well		watering	& Irrigation	Yes	No	Google Long 78.268681
Water Supp	ly from	Municipal	System	Yes	No	
Water Tank			,	Yes	No	
Pumping Ur	nit			Yes	No	
Distribution	Pipe Lir	nes		Yes	No	
Valves				Yes	No	
Sprinkler Sy			. , .	Yes	No	Control Control Control
Ground wat			•	Yes	No	Bahāwalnag Water filter plant Bahawalnagar, Fi
Grass Beds	La	nuscaping	& Plantation	on Yes	No	Lat 30.009372 Long 73.258508 03,05/23 10:44
Flower Beds				Yes	No	
Hedges	-			Yes	No	
Plants				Yes	No	
Number of t	trees an	d species				
(based on r	eadily a	ıvailable in	formation	5	0-60	
at MC)		- 4				
Tatal Ni '		Lig	hts	24/	00 N = :=	Bahāwalnag Water filter plant Bahawalnagar, P
Total Numb	er			-	20 Non- ctional)	Lat 30,009789: Lang 75,258387 03,05/23 10:45
Poles				Yes	No	
Cables				Yes	No	
Brackets An	d Lights			Yes	No	1
Bulbs And T				Yes	No	
Control Unit	ts			Yes	No	
-		Struc	tures			









No. of Toilets	Io. of Toilets Gents Ladies			1			91.3 (4)	- C			
			_	2							
Condition of Toilets	Gents	(	Goo d	Fair	Poor						
Condition of Tollets	Ladies	0	Goo d	Fair	Poor						
Buildings			Yes		No			100	<b>100</b> 5		
Fountains & Water	Fall Structure		Yes		No						
Walkways			Yes		No		Bahawain	agar, Punjab, Pakista	GPS Map Camera		
Jogging tracks			Yes		No		Lat 10.00 N Long /3.254.0 03/05/23 10	allevallegs, be evenege 139 18 AM GMT +05:D0	(, -Utjac, Pac star)		
Ramps at entry gate	es for wheel chai	rs	Yes		No	Google and boothers to the part of the second of the secon					
Bridges & Culverts			Yes		No						
Play Area			Yes		No	]					
Gazebos			Yes		No						
Benches/ sitting arr	Benches/ sitting arrangements										
Boundary Wall & G			Yes		No						
Toilets			Yes		No						
Lakes & Brooks			Yes		No						
	Mechanical Equipm										
Pumping Units			Yes		No						
Swings			Yes	_	No						
Children Games		Yes	_	No							
Fixtures											
Benches			Yes	_	No No						
	nitation & Water	Supply									
Litter Bins	manon a mate.		Yes		No						
Condition of SWM		Ć.	300								
			d	Fair	Poor						
Toilet Fixtures			Yes		No						
Sewerage System			Yes		No						
Vegetation Cuttings	•		Yes		No						
Drinking water avai (based on availabi test reports)	•	- 1	Not	Avail	able						
Water Pipes			Yes		No						
	HR										
Security Guards			Yes		No						
Landscape Experts			Yes	_	No						
Mali / Beldaar (Nun	nber)			1							
,	,		(	Overa	II Ratin	g					
Average Score	1		2			3	4		5		
Asset	Excellent	(-	Good			Fair	Poo	or	Failing		
Condition		3000				100	, i				
Category		В			С	D		E			
		R	lema	rks /	Require	ments					
No remarks	,										
Data Collected By: I	Design	natioi	n: Ted	m Men	nber	v	ful	Sh			
						Sign & Date: 30 May 2023					

Data Checked By: Mr. M. Fiaz

Designation: Team Lead

Sign & Date: 30 May 2023

	Intograf	ted Davale	nmont or	ad Assat Ma	nagement Dlan (IDAMD)
	integra			nmittee Bah	nagement Plan (IDAMP) nawalnagar
Form:			Pai		Asset Code:
IDAMP-A10		Asset	Condition	n Assessmer	nt Date: 02-05-2
Name		Kha	alid Maqb	ool	Pictures
Latitude			29.998343	3	
Location Longitude	•	-	73.243256	5	Gr
Area In Acres			7.5		1100
Ownership-Owned by possession allocated to by any other departments available)	to MC	MC			Behäwalnagar, Punjab, Pakstan
Turfing Condition		Good	Fair	Poor	XBYV+QMF, Tehsil Bazaar Rd, Bahäwalnagar, Bahavalnagar, Punjab 62390, Pakstan Lar 29.99764
Approach Road		Good	Fair	Poor	Long 73.245712* 03.06/23 YOS7 AM GMT +85:00
Parking Lots		Yes		No	
Canteen Availability		Yes		No	
visitors	pased on the assessment of		800-1000		SI OPS Map Camera
Any illegal occupan encroachments obser yes, type			No		Behäwalnagar, Punjab, Pakistan Wewese Curvish zeri, Bahäwalnagar, Bahawalnagar, Punjab, Pakistan Lan 20.008343* Cong 73.402569* OS/OS/23 YCSS AM GMT +06-00
Security system		Yes		No	
	tering 8	& Irrigation			
Tube Well	امماما	Custons	Yes	No	
Water Supply from Mul Water Tank	nicipai	system	Yes Yes	No No	ed .
Pumping Unit			Yes	No	MOPS Map Camera
Distribution Pipe Lines			Yes	No	Bahāwalnagar, Punjab, Pakistan xxxxx+8sC Quraish Park, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan
Valves			Yes	No	Passizini 8 301 - Luz 20 302 301 - Luz 20 302 301 - Luz 20 302 301 - Luz 20 302 301 - Luz 20 302 301 - Luz 20
Sprinkler System			Yes	No	
Ground water storage r	reservo	irs/ponds	Yes	No	Ť
Landscaping & Plantati		on			
Grass Beds			Yes	No	
Flower Beds			Yes	No	Thomas I have
Hedges			Yes	No	
Plants Number of trees and species (based on readily available information at MC)		Yes 50	)-60	Bah & wainagar, Punjab, Pakistan XXXV-88C Qurath Par Entertainment, Qurath Park, Bahāveiragar, Bahevalingar, Punjab, Pakistan 12-20-08886* Long 73.24.9087 03(50/23 1058) AM GWIT +06:00	
·	Lig	hts			
Total Number			10	)-12	

Poles	Poles			No			\$ = 11 11 12 12 12 12 12 12 12 12 12 12 12
Cables		Yes		No			
Brackets And Lights	5	Yes		No		Carlo Committee	
Bulbs And Tubes		Yes		No			"在上海了
Control Units		Yes		No		Hall shi	
	Structures				200 000	Bahāwalnagar, Punjab, Pakist	GPS Map Camera
	Gents		0			X6XV+88C Quraish Park Entertainment, C Bahawalnagar, Punjab, Pakistan	
No. of Toilets	Ladies		0		Google	Lat 29.999187* Long 73.24299° 03/05/23 11:01 AM GMT +05:00	
	Gents		_		PA	1. C. 1. C.	
Condition of Toilets	Ladies		_				
Buildings		Yes		No			
Fountains & Water	Fall Structure	Yes		No			
Walkways		Yes		No			
Jogging tracks		Yes		No			
Ramps at entry gate	es for wheel chairs			No			
Bridges & Culverts	es for whice chairs	Yes		No			
Play Area		Yes		No			
Gazebos		Yes		No			
Benches/ sitting arr	rangements	Yes		No			
Boundary Wall & G		Yes		No			
Toilets	ale						
		Yes		No			
Lakes & Brooks	Asabaniaal Famina	Yes		No			
Mechanical Equipmen							
Pumping Units		Yes		No			
Swings		Yes		No			
Children Games		Yes		No			
Fixtures		Yes		No			
Benches		Yes		No			
	nitation & Water S						
Litter Bins		Yes		No			
Condition of SWM		Goo d	Faiı	Poor			
Toilet Fixtures		Yes		No			
Sewerage System		Yes		No			
Vegetation Cuttings	s & Disposal	Yes		No			
Drinking water avai	lability and quality	/					
(based on availabi	lity of water qua	lity Not A	٩va	ilable			
test reports)							
Water Pipes		Yes		No			
	HR						
Security Guards		Yes		No			
Landscape Experts		Yes		No			
Mali / Beldaar (Nur	nber)		1				
		01	ver	all Ratin	g		
Average Score	1	2			3	4	5
Asset	Excellent	Good			Fair	Poor	Failing
Condition							
Category	А	В			С	D	E
Category		cs /	Require			<u> </u>	
Remarks / Requirements      No remarks							
- MOTEIIIAIKS							44
Data Collected By: I	Designation:	те	am Men	nber	July	\$h	

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

## **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

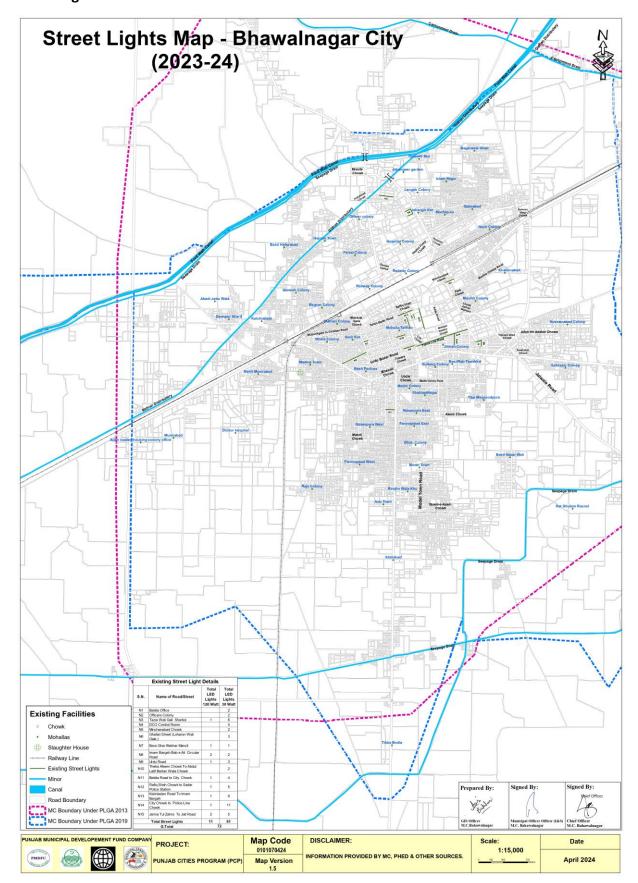
I	Integrated Development and Asset Management Plan (IDAMP)					
	Municipal Committee Bahawalnagar					
Form: IDAMP-A16		loveable Asset	As	sset Code: Date: 02-05-2023		
Type of Vehicle /	7,5500	ondicion Assessment		Date: 02 03 2023		
Machinery		Pict	ures			
Cars	Subdivinities Problem Part of Louise Colors of					
	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		

# Municipal Committee Bahawalnagar

Registered	BNA 8059	BNF 4	BNE 16	BNE 262	
Overall Rating	Fair	Failing	Poor	Fair	
	Re	marks / Requirement	S		
No remarks					
Data Collected By: Mr. Abdullah Desig		ation: Team Member	Sign & Date:	-LSh 30 May 2023	
Data Checked By: Mr. M. Fiaz Desi		ation: Team Lead	Sign & Date:	ayshay 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
	Mu	ınicipal Committee Bahawalnagar	r		
Form: IDAMP-A16	Ass	Moveable Asset set Condition Assessment	Asset Code: Date: 02-05-2023		
Type of Vehicle / Machinery	Pictures				
Bike-Yamaha	AMAHA				
Capacity		100 CC			
Purpose		Staff			
Year of Manufacturing		1990			
Model		YB-100			
Capital Cost					
Fuel Consumption (Lt)		Non-Function	al		
Condition		Poor			
Engine Capacity		100 CC			
Maintenance Cost		Not Available	<u> </u>		
Oiling /Fitness		No			
Fitness Certificate		No			
Registered		Bike# 6646			
Overall Rating		Poor			
No remarks	Remarks / Requirements      No remarks				
Data Collected By: Mr. Abdullah		esignation: Team Member	Julih Sign & Date: 30 May 2023		
Data Checked By: Mr.	M. Fiaz D	esignation: Team Lead	Maylay Sign & Date: 30 May 2023		

# **Street lights**



	Streetlights	MC Operated	Privately Operated
Operational Street Lights	254	254	
Non-Operational Street	219	219	
Lights			
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:	Street Lights	Asset Code:		
IDAMP-A9	Asset Condition Assessment	Date: 02-05-2023		
Pictures				







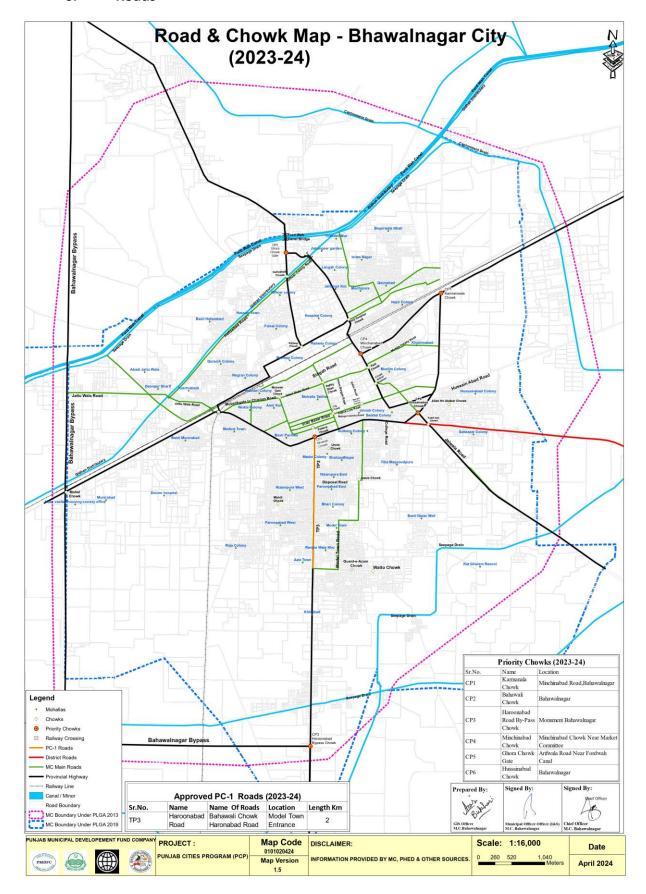
Area	Total	Operational Status	Poles Type (WAPDA Pole / MC Pole)
Dak khana Chowk	14	Not Available	Not Available
Larri Adda Chowk	19	Not Available	Not Available
Manchanabad Road	62	Not Available	Not Available
Manchanabad Cantt Road	112	Not Available	Not Available
Degree College Road	34	Not Available	Not 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	•	

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

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
		MC	Private	Hours
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	lmam 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 Maqsod 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 Fasisal Colony	T.S.T	0.5
24	Quresh Colony Road to Gate Grave Yard East & West	T.S.T	1
25	Khadim Abad Road behind Chaki Allah Dad Road to House Yousaf Abassi	T.S.T	0.2
26	Khadim Abad Road Shamoon House to House Hafiz Yaseen	T.S.T	0.3
27	Haji Aslam street to house shabrati behind Masjid Khadim Abad	T.S.T	0.3
28	Haroon Abad Road Disposal Road to Street Ishaq Bhatti	T.S.T	0.55
29	Street Malik Liaqat Shahzad Nagar	T.S.T	0.3
30	Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town	T.S.T	0.35
31	Muslim colony road in front of Jail to Chowk Hussain Abad	T.S.T	0.35
32	Loharan Wala Chowk to College Road Sadat Colony	T.S.T	0.2
33	Street Sajid Mehmood Sadat Colony	T.S.T	0.2

Sr#	Road Name	Existing Type	Length (km)
34	Degree College Road to House Amjid Pirzada Sadat Colony	T.S.T	0.3
35	Loharan Wala Chowk to Masjid Zia ur Rehman	T.S.T	0.2
36	Street Khalil Patwari Sadat Colony	T.S.T	0.3
37	Street Mustafa Gill Sadat Colony	T.S.T	0.2
38	Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera	T.S.T	0.2
39	Mandi Hussain Abad Road	T.S.T	0.4
40	Street Sh. Jamil Mohajir Colony	T.S.T	0.2
41	Urdu Road to Attiq Medical Store Tehsil Bazar	T.S.T	0.3
42	Degree College Road to Tagar House Gulberg Colony	T.S.T	0.5
43	Quresh Colony Phatak to Khalid Maqbol Park to link Chishtian Road	T.S.T	0.3
44	Gala Mandi Eastern Gate towards House Seith Khalid Iqbal	T.S.T	0.2
45	Street No. 04 Shahzad Nagar	T.S.T	0.25
46	Street No. 05 Shahzad Nagar	T.S.T	0.2
47	Street No. 06 Shahzad Nagar	T.S.T	0.2
48	Street No. 01 Muslim Colony	T.S.T	0.13
49	Govt. Boys High school Road	T.S.T	1.5
50	Khlid 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:		oad			4	Asset Code						
ID	AMP-A8	Asset Condit					Date:	02-05-2023					
			Pictur	es									
Sr. No.		Road Name	Owner ship	TST, Asphalt Or Concrete	Row (Ft)	Paved Width (Ft)	Approx. Length (Km)	Condition					
				Pavers		( -,	, ,						
1	City School Imam Barg	Chowk to Thana City via ah	MC	TST			0.45	Poor					
2	Jamia Mas Mubark Ga	Masjid Nadir Shah Bazar via		TST			0.55	Poor					
3		oad to Bukhara Hotal Theka Afeon	MC	TST			0.45	Poor					
4		gah Aftab Manzil To d Gali Peer Gee	МС	TST			0.22	Poor					

		Integrated Development				MP)	
	_	Municipal (		ee Bahawal	nagar		
	Form: AMP-A8	R Asset Condit	oad ion Asse	ssment		Asset Code	: 02-05-2023
5		7 Mosmiat to 22 Ft Road	MC	TST		0.76	Poor
6	Waheed A	Arshad Chowk to Degree adni Colony Watto Chowk	MC	TST		0.98	Poor
7	Madni Col Chowk Do Abadi Tiba	MC	TST		0.64	Poor	
8		Gate Chwok to Chishtian Fakia Mohsin Shah	MC	TST		0.51	Poor
9		eet AC office Chowk to Slam Nagar	MC	TST		0.64	Poor
10	Masjid Eh Wali Chaki	nlahadis Chowk to Naik i	MC	TST		0.22	Poor
11		gh School Chowk To Store via WAPDA scarp	MC	TST		0.58	Poor
12	Graveyard Quresh Colony to Nehr Officer Colony with roads faisal colony			TST		0.27	Poor
13		l Modal Town Dr Mushtaq unawr Block Y House No.	MC	TST		0.26	Poor
14	Link road <i>A</i> Rehman H	Ali Ahmad Mahar to Abdur ouse	MC	TST		0.11	Poor
15		Chishti House No. 172 to House No. 166	MC	TST		0.11	Poor
16	House Asi Chohan	m Khan to House Sarfraz	MC	TST		0.15	Poor
17	Degree Co	llege main road	MC	TST		0.30	Poor
18	Link road rajey wali	millat rice factory to kat	MC	TST		0.40	Poor
19		road Madina Town from Road to Slaughter House	MC	TST		0.30	Poor
20	Circular Ro Ganda Nal	oad to Khalid Cloth House a Road	MC	TST		0.35	Poor
21		on office street behind ing Coach to Street Ishaq	MC	TST		0.80	Poor
22		vk Minchinabad Road to est House, Tower Road	MC	TST		0.40	Poor
23	Shop Syed Aslam Shah to Ara Machine Street Fasisal Colony		MC	TST		0.50	Poor
24	Quresh Colony Road to Gate Grave Yard East & West		MC	TST		1.00	Poor
25	Khadim A	bad Road behind Chaki Road to House Yousaf	MC	TST		0.20	Poor

		Integrated Development				IDAMP)	
	_	Municipal C		ee Bahawal	nagar		
ID	Form: DAMP-A8	R Asset Conditi	oad on Asse	ssment		Asset Code	: : 02-05-2023
26	Khadim Al	pad Road Shamoon House Hafiz Yaseen	MC	TST		0.30	Poor
27	Haji Aslam	n street to house shabrati asjid Khadim Abad	MC	TST		0.30	Poor
28		oad Road Disposal Road to	MC	TST		0.55	Poor
29	Street Mal	ik Liaqat Shahzad Nagar	МС	TST		0.30	Poor
30	-	owar e Madina to House Ontractor Z-Block Model	MC	TST		0.35	Poor
31		lony road in front of Jail to ssain Abad	MC	TST		0.35	Poor
32	Loharan N Road Sada	Wala Chowk to College It Colony	MC	TST		0.20	Poor
33	Street Saji	d Mehmood Sadat Colony	MC	TST		0.20	Poor
34	_	llege Road to House Amjid dat Colony	MC	TST		0.30	Poor
35	Loharan V ur Rehmai	aran Wala Chowk to Masjid Zia		TST		0.20	Poor
36	Street Kha	lil Patwari Sadat Colony	MC	TST		0.30	Poor
37	Street Mus	stafa Gill Sadat Colony	MC	TST		0.20	Poor
38		ali Gali Dhaban Bazar to sheed Sukhera	MC	TST		0.20	Poor
39	Mandi Hus	ssain Abad Road	МС	TST		0.40	Poor
40	Street Sh.	Jamil Mohajir Colony	МС	TST		0.20	Poor
41	Urdu Road Tehsil Baza	d to Attiq Medical Store ar	MC	TST		0.30	Poor
42	Degree Co Gulberg Co	llege Road to Tagar House olony	MC	TST		0.50	Poor
43		olony Phatak to Khalid ark to link Chishtian Road	MC	TST		0.30	Poor
44		di Eastern Gate towards th Khalid Iqbal	MC	TST		0.20	Poor
45	Street No.	04 Shahzad Nagar	МС	TST		0.25	Poor
46	Street No. 05 Shahzad Nagar		MC	TST		0.20	Poor
47	Street No. 06 Shahzad Nagar		МС	TST		0.20	Poor
48	Street No. 01 Muslim Colony		MC	TST		0.13	Poor
49	Govt. Boys	s High school Road	MC	TST		1.5	Poor
50	Khlid Maq	bool Park Road	MC	TST		1.0	Poor

Sign & Date: 30 May 2023

		Integrated D	evelopment	and Ass	et Managen	nent l	Plan (IDAMP	)	
			Municipal (	Committe	ee Bahawalr	nagar			
	Form:		-	load				Asset Code	
ID	AMP-A8	<i>I</i>	Asset Condit	ion Asses	sment			Date:	02-05-2023
51	Gao Shala	h Road		MC	TST			1.0	Poor
52	Haronaba	d Road		МС	TST			1.0	Poor
53	Mohajr Co	lony		МС	TST			0.5	Poor
54	Minchinak	oad Road		МС	TST			1.5	Poor
			Rema	rks / Red	uirements				
• 1	No remarks								
			T						
							1	18h	
Data (	Data Collected By: Mr. Abdullah Designat			n: Team	Member		μ	m/8h	
	,								
							Sign & Date:	30 May 20	23
Data (	Checked By: N	Лr. M. Fiaz	Designatio	n: Team	Lead		M	Dayshing	

## **Annexure B. Projects Coding Scheme:**

Region Name	Region Code	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Tube wells	01	03-12-01-01-XX
						Water Supply Network		
				Water Supply		(ft)	02	03-12-01-02-XX
				System	01	OHR	03	03-12-01-03-XX
				System		Filtration Plants	04	03-12-01-04-XX
						Vehicles	05	03-12-01-05-XX
						GST	06	03-12-01-06-XX
						Sewerage Network (ft)	01	03-12-02-01-XX
				Sewerage System	02	Disposal Stations	02	03-12-02-02-XX
						Vehicles	03	03-12-02-03-XX
				Solid Waste Management System  Roads and Streets		Dumping site	01	03-12-03-01-XX
		Bahawalnagar			03	Vehicles	02	03-12-03-02-XX
Southern	03		12			Parking Shed	03	03-12-03-03-XX
Punjab						Roads	01	03-12-04-01-XX
					04	Street	02	03-12-04-02-XX
						Street light	03	03-12-04-03-XX
						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
				Public Places	05	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	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Office buildings	01	03-12-06-01-XX
				Others	06	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. Proje	ect Purpose & Service Delivery Improvement						
				2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
				10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Major contribution to key	10
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
				10	Major contribution to key development goal.		
				0	No consequences		
1.2	Whether the deference/ delay of the		10	2.5	Minor consequences	Nais visses distance as a second	10
1.3	project is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences	Major immediate consequences	10
				10	Major immediate consequences		
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
		15		7.5	Greater than 20%		
2.2	2.2			0	Majority opposition	Majority support	
2.2	2		5	1	Minority opposition	Majority support	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition for the			5	Majority support		
	project from NGO's, community groups, network, media, or business organizations?			2.5	Minority support		
				0	Majority opposition		
	Is there support or opposition from			0.5	Minority opposition	1	
2.3	residents in the immediate vicinity of the new facility?		2.5	2.5	Majority support	- Majority support	2.5
				1.5	Minority support		
3. Envi	onmental Impact				1		
	The impact of the proposed project on the			0	Negative effects on quality of the local environme nt		
3.1	quality of local environment (e.g., Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	etc.			10	Positive effects on the quality of the local environ ment	the local changement	
4. Socio	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	, , ,			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.,			2.5	Little or no long-term economic development benefits	Additional investment in the	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures,		7.5	5	Additional investment in the area and increased wealth for citizens	area and increased wealth for citizens	5
	etc.?			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				
	Has funding been secured/allocated within			5	Yes				
5.2	the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5		
				1	Difficult				
5.3	Will the project get approval from higher levels of Government?		Will the project get approval from higher levels of Government?		5	2.5	Standard	Standard	2.5
	levels of dovernment.			5	Easy				
				1	Difficult				
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3		
	respect of teermeal design.			5	Easy				
				0	Outside expertise needed for construction, O&M				
	Is there a capable system in place to		_	1	Outside expertise needed for construction phase only	Outside expertise needed for co	_		
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i. e., feasibility studies	nstruction phase only	1		
				5	No outside expertise needed				
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improvement							
	B			2.5	Minor contribution			
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5	
	system or service demony.			10	Significant contribution			
				0	No contribution.			
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Minor direct contribution	7.5	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Willion direct contribution	7.5	
				10	Major contribution to key development goal.			
				0	No consequences			
1.3	Whether the deference/ delay of the project is going to affect citizens' health,		10	2.5	Minor consequences	Major future consequences	7.5	
1.5	safety, property, prosperity etc.?		10	7.5	Major future consequences	iviajor ruture consequences	7.5	
				10	Major immediate consequences			
2. Publ	ic Response							
				1	Less than 10%			
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5	
				7.5	Greater than 20%			
	Is there support or opposition for the			0	Majority opposition			
2.2	project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5	
2.2	network, media, or business	13	5	5	Majority support		5	
	organizations?			2.5	Minority support			
	•			0	Majority opposition			
2.3		nts in the immediate vicinity of the	2.5	0.5	Minority opposition	Majority support	2.5	
	new facility?			2.5	Majority support			

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
	Face of implementation of project in			1	Difficult			
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3	
	respect of technical design:			5	Easy			
				0	Outside expertise needed for construction, O&M			
	Is there a capable system in place to				1	Outside expertise needed for construction phase only	Outside expertise needed for co	_
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i. e., feasibility studies	nstruction phase only	1	
				5	No outside expertise needed			
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improvement						
	B			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Minor contribution	2.5
	of service delivery.			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Indirect contribution.	2.5
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	manect contribution.	2.5
				10	Major contribution to key development goal.		
				0	No consequences		
1.2	Whether the deference/ delay of the project is going to affect citizens' health, safety,		10	2.5	Minor consequences	Minor consequences	2.5
1.3	property, prosperity etc.?		10	7.5	Major future consequences	Minor consequences	2.5
	property, prosperity etc			10	Major immediate consequences		
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
2.2	network, media, or business organizations?	13	5	5	Majority support	Majority support	3
	Thermorky media, or business organizations.			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local environm ent		
3.1	quality of local environment (e.g., Air	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local enviro nment	The local environment	
4. Socio	o-Economic Impact	•					•
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices,	13	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2				5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
3.1	required)?		10	0	No	165	10
	Has funding been secured/allocated within			5	Yes		
5.2	the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5
	Secureu:	-		1	Difficult	Easy	
5.3	Will the project get approval from higher		5	2.5	Standard		5
5.5	levels of Government?		3	5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Face of implementation of project in respect			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
	of technical design:			5	Easy		
				0	Outside expertise needed for construction, O&M		
	Is there a capable system in place to			1	Outside expertise needed for construction phase only	Outside expertise needed for c	_
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., feasibility studies	onstruction phase only	1
				5	No outside expertise needed		
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improvement						
	B			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Minor contribution	2.5
	of service delivery.			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Indirect contribution.	2 5
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	manect contribution.	2.5
				10	Major contribution to key development goal.		
				0	No consequences		
1.2	Whether the deference/ delay of the project is going to affect citizens' health, safety,		10	2.5	Minor consequences	Minor consequences	2.5
1.3	property, prosperity etc.?		10	7.5	Major future consequences	Minor consequences	2.5
	property, prosperity etc			10	Major immediate consequences		
2. Publ	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
2.2	network, media, or business organizations?	13	5	5	Majority support		3
	The transfer of the transfer of Samual Control of the transfer			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local environm ent		
3.1	quality of local environment (e.g., Air	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local enviro nment	The local environment	
4. Socio	o-Economic Impact	•					•
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices,	13	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2				5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
J.1	required)?		10	0	No	165	10
	Has funding been secured/allocated within			5	Yes		
5.2	the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5
	Secureu:			1	Difficult	Easy	
5.3	Will the project get approval from higher		5	2.5	Standard		5
3.3	levels of Government?		3	5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Face of implementation of project in respect			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
	of technical design:			5	Easy		
				0	Outside expertise needed for construction, O&M		
	Is there a capable system in place to			1	Outside expertise needed for construction phase only	Outside expertise needed for c	
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., feasibility studies	onstruction phase only	1
				5	No outside expertise needed		
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improvement						
	D 11			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	Service delivery.			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to Sectoral		10	2.5	Indirect contribution.	Minor direct contribution	7.5
1.2	Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Willion direct contribution	7.5
				10	Major contribution to key development goal.		
				0	No consequences		
1.2	Whether the deference/ delay of the project is going to affect citizens' health, safety,		10	2.5	Minor consequences	Major future consequences	7.5
1.3	property, prosperity etc.?		10	7.5	Major future consequences	iviajor ruture consequences	7.5
	property con-			10	Major immediate consequences		
2. Publ	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
2.2	network, media, or business organizations?	13	)	5	Majority support	iviajority support	3
	The state of the s			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local environme nt		
3.1	quality of local environment (e.g., Air quality,	10	10	5	Neutral	Positive effects on the qualit v of the local environment	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environ ment	y of the local environment	
4. Socio	p-Economic Impact		•	•			
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Direct revenue is not	2.5
				5	Revenue meets O&M costs	sufficient to meet O&M costs	
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	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'	15	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2				5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	expenditures, etc.?			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		10	10	Yes	Yes	10
J.1	required)?		10	0	No	163	10
	Has funding been secured/allocated within the			5	Yes		
5.2	Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5
				1	Difficult	Standard	
5.3	Will the project get approval from higher		5	2.5	Standard		2.5
	levels of Government?			5	Easy	1	

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

**Project ID:** 03-12-01-01

**Project Description :** Improvement of Water Supply scheme

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
				5	Easy				
	Is there a capable system in place to implement and operate this project or is external support needed?			Outside expertise needed for construction, O&M					
5.5			5	1	Outside expertise needed for construction phase only	Outside expertise needed for	1		
				3	Outside expertise needed for preparation phase i.e feasibility studies	Construction phase only			
				5	No outside expertise needed				
Total Ac	Total Achieved Score 76.								

**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. Proje	ct Purpose & Service Delivery Improvemen	t				•	
	December and in the fill a new in a wide			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Major contribution to key	10
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	7.5
				10	Major contribution to key development goal.		
	M/h-sh-sash-sash-sash-sash-sash-sash-sash			0	No consequences		
1.3	Whether the deference/ delay of the project is going to affect citizens' health,		10	2.5	Minor consequences	Major future consequences	
1.5	safety, property, prosperity etc.?		10	7.5	Major future consequences		7.5
				10	Major immediate consequences		
2. Public	c Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's, community groups,		5	1	Minority opposition	Majority support	5
2.2	network, media or business	15	3	5	Majority support		
	organizations?			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
2.5	the		2.5	2.5	Majority support		2.3
	new facility?			1.5	Minority support		
3. Envir	onmental Impact						

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	The impact of the proposed project on			0	Negative effects on quality of the local environment		
3.1	the quality of local environment (e.g. Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the local environment	or the local environment	
4. Socio	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
4.1	Will the project bring in direct revenue?		7.5	5	Revenue meets O&M costs	No direct revenue	0
				7.5	Revenue exceeds O&M costs		
				0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits	Little or no long term economic development benefits	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'		7.5	5	Additional investment in the area and increased wealth for citizens		2.5
	expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	(If required)?		10	0	No	res	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding		5	0		Yes	5
	have been secured?				No		
	Will the project get approval from	30	_	1	Difficult		
5.3	higher levels of Government?		5	2.5	Standard	Standard	2.5
				5	Easy		
	Ease of implementation of project in		_	1	Difficult		_
5.4	respect of technical design?		5	3	Standard	Standard	3
				5	Easy		_
5.5			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
					O&M	construction phase only	
	Is there a capable system in place to			1	Outside expertise needed for construction phase only		
	implement and operate this project or is external support needed?			3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Ac	hieved 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. Proje	ct Purpose & Service Delivery Improven	nent					·
	Danaka anaisat fill a anaisa assidan			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	System of service delivery:			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute		10	2.5	Indirect contribution.	Major contribution to key	10
1.2	to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
				10	Major contribution to key development goal.		
	Whether the deference/ delay of the			0	No consequences		
1.3	project is going to affect citizens'		10	2.5	Minor consequences	N. d. in a way a constant of the constant of t	2.5
1.5	health, safety, property, prosperity		10	7.5	Major future consequences	Minor consequences	2.5
	etc.?			10	Major immediate consequences		
2. Public	Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
	project from NGO's, community		_	1	Minority opposition		_
2.2	groups, network, media or business	15	5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
2.3	the			2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
3. Envir	onmental Impact							
	The impact of the proposed project			0	Negative effects on quality of the local environment			
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral	Positive effects on the quality of the local environment	10	
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	the local environment		
4. Socio	-Economic Impact							
				0	No direct revenue			
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5	
	revenue?			5	Revenue meets O&M costs			
				7.5	Revenue exceeds O&M costs			
		15		0	Negative impact on the local economy			
	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in	13		2.5	Little or no long term economic development benefits	Significant competitive advantage to		
4.2				7.5	5	Additional investment in the area and increased wealth for citizens	industry and boost to the local economy	7.5
	land/property prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10	
5.1	project (If required)?		10	0	No	res	10	
	Has funding been secured/allocated			5	Yes			
5.2	within the Local Government budget or whether the external sources of		5	0		Yes	5	
	funding have been secured?	30			No Price II			
F 2	Will the project get approval from		г	1	Difficult		_	
5.3	higher levels of Government?		5	2.5	Standard	Easy	5	
	5 6 1 6			5	Easy Difficult			
5.4	Ease of implementation of project in respect of technical design?		5	3		Easy	5	
	respect of technical design:			3	Standard			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
				0	Outside expertise needed for construction, O&M		
5.5	Is there a capable system in place to implement and operate this project		5	1	Outside expertise needed for construction phase only	Outside expertise needed for	1
	or is external support needed?			3	Outside expertise needed for preparation phase i.e. feasibility studies	construction phase only	
				5	No outside expertise needed		
Total Ac	hieved 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						
	5 11			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	development goal.	10
	Sectoral Flam, Sity Master Flam	30		10	Major contribution to key development goal.	development godin	
				0	No consequences		
	Whether the deference/ delay of the project is going to affect citizens' health,		10	2.5	Minor consequences		
1.3				7.5	Major future consequences	Minor consequences	2.5
	safety, property, prosperity etc.?			10	Major immediate consequences		
. Public R	Response		•	•			
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the	15	_	1	Minority opposition	N.A. is with a superposet	_
2.2	project from NGO's, community groups, network, media or business organizations?		5	5	Majority support	Majority support	5
	network, media or business organizations:			2.5	Minority support		
2.2			2 5	0	Majority opposition	Majority support	2.5
2.3			2.5	0.5	Minority opposition	Majority support	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from			2.5	Majority support		
	residents in the immediate vicinity of the new facility?			1.5	Minority support		
3. Environ	mental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of t he local environment	Positive effects on the qual	
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	ity of the local environmen	10
	etc.			10	Positive effects on the quality o f the local environment	t	
4. Socio-Ed	conomic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
				0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	etc.?			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		10	10	Yes	Yes	10
3.1	required)?	30	10	0	No	162	10
5.2	Has funding been secured/allocated within	30	5	5	Yes	Yes	5
٥.٤	the Local Government budget or whether			0	No	163	3

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the external sources of funding have been secured?						
	Mill the consist set set second from high or			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Easy	5
	levels of dovernment:			5	Easy		
				1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
	respect of technical design:			5	Easy		
				0	Outside expertise needed for c onstruction, O&M		
	Is there a capable system in place to		_	1	Outside expertise needed for c onstruction phase only	Outside expertise needed f	4
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for p reparation phase i.e. feasibility studies	or construction phase only	1
				5	No outside expertise needed		
Total Achi	eved 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. Proje	ct Purpose & Service Delivery Improvement						
	December and its tribute and in a social and			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Major contribution to key	10
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
				10	Major contribution to key development goal.		
				0	No consequences		
1.3	Whether the deference/ delay of the project is going to affect citizens' health,		10	2.5	Minor consequences	Minor consequences	2.5
1.5	safety, property, prosperity etc.?		10	7.5	Major future consequences		2.5
	surcey, property, prosperity etc			10	Major immediate consequences		
2. Public	c Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the		-	1	Minority opposition	Majority support	5
2.2	project from NGO's, community groups, network, media or business organizations?	15	5	5	Majority support	Majority support	5
	network, media of business organizations:			2.5	Minority support		
				0	Majority opposition		
2.2	Is there support or opposition from		2.5	0.5	Minority opposition	Majority support	2.5
2.3	residents in the immediate vicinity of the new facility?			2.5	Majority support	Majority support	2.5
	new racinty;			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 envir onment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local en vironment		
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.?		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)?		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?		5	5	Yes	Yes	5
		30		0			
		_		4	No No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4			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			3	Standard		
	respect of technical design?			5	Easy		
				0	Outside expertise needed for construction, O &M		
5.5	Is there a capable system in place to implement and operate this project or is		5	1	Outside expertise needed for construction p hase only	Outside expertise needed for con	1
	external support needed?			3	Outside expertise needed for preparation ph ase i.e. feasibility studies	struction phase only	
				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. Projec	Project Purpose & Service Delivery Improvement							
	Danatha anni at fill a nao in a cuidan			2.5	Minor contribution			
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5	
	system of service delivery:			10	Significant contribution			
				0	No contribution.			
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Major contribution to key	10	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10	
				10	Major contribution to key development goal.			
				0	No consequences			
1 2	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	2.5	Minor consequences	- Minor consequences	2.5	
1.5				7.5	Major future consequences			
	salety, property, prosperty etc.			10	Major immediate consequences			
2. Public	Response							
			7.5	1	Less than 10%	Less than 10%	1	
2.1	Population served by the project.			5	Between 10% to 20%			
				7.5	Greater than 20%			
				0	Majority opposition			
2.2	Is there support or opposition for the project from NGO's, community groups,		5	1	Minority opposition	Majority support	5	
2.2	network, media or business organizations?	15	5	5	Majority support	Majority support	5	
	network, media or business organizations.			2.5	Minority support			
				0	Majority opposition	Majority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the		2.5	0.5	Minority opposition		2.5	
2.3	new facility?		2.5	2.5	Majority support	Majority support		
				1.5	Minority support			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Enviro	onmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local envir onment	D (f	
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	etc.			10	Positive effects on the quality of the local en vironment	The local environment	
4. Socio	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
			7.5	0	Negative impact on the local economy	Significant competitive advantage to industry and boost to the local economy	
	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,			2.5	Little or no long term economic development benefits		
4.2				5	Additional investment in the area and increased wealth for citizens		7.5
	etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						
	Has land been acquired for the project (If		10	10	Yes	Vee	10
5.1	required)?		10	0	No	Yes	10
	Has funding been secured/allocated within			5	Yes		
5.2	the Local Government budget or whether the external sources of funding have been	30	5	0		Yes	5
	secured?	-		1	No Difficult		
г э	Will the project get approval from higher		F	1	Difficult	500	F
5.3	levels of Government?		5	2.5	Standard	Easy	5
		-	F	5	Easy	5	
5.4			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			3	Standard		
	respect of technical design?			5	Easy		
				0	Outside expertise needed for construction, O &M		
5.5	Is there a capable system in place to implement and operate this project or is		5	1	Outside expertise needed for construction p hase only	Outside expertise needed for con	1
	external support needed?			3	Outside expertise needed for preparation ph ase i.e. feasibility studies	struction phase only	
				5	No outside expertise needed		
Total Achieved Score						79.5	

# Annexure D. Environmental and Social Considerations in IDAMP<sup>3</sup>

### 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.

<sup>&</sup>lt;sup>3</sup> 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 18<sup>th</sup> 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 PEQSs for drinking water shall be applicable to all water supply schemes/ projects (rehabilitation and new). PEQSs 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. PEQSs 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. PEQSs 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)	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.  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.	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	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
			The sec	ctor wise screeni	ng of MCs subprojects as per
			Punja	b Environment p	rotection review of IEE/EIA
			re	gulations 2000 a	re given below in Table.
			Schedule	Sector	Clause
			Schedule I	Stormwater Drainage Water supply	F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects 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	F. Water supply, Sewerage System and treatment Water supply schemes and
				treatment	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 100m3/hr  Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse
	Delegations of power for	According to these rules the powers of environmental	<ul> <li>Under PCP the clause of h, n and o are applicable.</li> <li>clause h Construction of roads fallings within the</li> </ul>
3.	Environment Approvals	approval are delegated to commissioner for specific types	jurisdiction of a district, expecting highways,
	Rule 2017	of projects	expressways and motorways
			Clause o solid waste management excepting landfills

Sr. #	Act	Description	Applicability to sub-project
			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	j.	The Punjab Land Acquisition Rules, 1983,	It describes the land acquisition procedure for public purposes or for a company.	This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc.
7		Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following:  • "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
		No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and 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.	
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	The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace. It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of	The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are:  8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness.

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
		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.	
		As per PLGA 2019 Functions of a Metropolitan	
		Corporation, Municipal Corporation and Municipal	
	Punjab Local	Committee:	
13	Government Act, 2019	Part I	All the related clauses of this Act shall be applicable for
15	Government Act, 2019	(g) Solid waste collection and disposal;	MCs.
		(h) Sewerage collection and disposal including water	
		management and treatment;	
		(i) Building control and land use;	

Sr. #	Act	Description	Applicability to sub-project
		(j) Births, deaths, marriages and divorce registration;	
		(k) Museums and art galleries;	
		(I) 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 convenances;	
		(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.	
		Guidelines for preparation and Review of Environmental	
		Reports were issued by Pak EPA in 1997 under Pakistan	
	Guidelines for	Environment Protection Act, 1997 and are adopted by	
	Preparation and Review	Punjab Environment protection Agency after 18 <sup>th</sup>	These guidelines shall be applicable during preparation
14	of Environment Reports,	Amendment. These guidelines describe the steps in IEE	and review of IEEs/EIAs of new infrastructure
	1997	Preparation, format of IEE Reports, assessing impacts,	development projects.
		mitigation and impact management, reporting, reviewing	
		and decision making, monitoring and auditing and project	
		management.	
	Guidelines for Public	These guidelines address possible approaches to public	Public consultation and citizens engagement is mandatory
15	Consultation,1997	consultation and techniques for designing an effective	at projects planning and design phase and these
		program of consultation that reaches all major	guidelines shall be applicable for public consultation.

Sr. #	Act	Description	Applicability to sub-project
		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).	
16	Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020	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.	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.
17	Canal and Drainage Act 1873 and Amendment Act 2016	The CDA focuses on construction and maintenance of drainage channels and defines powers to prohibit obstruction or order their removal. It also covers issues	This act shall be applicable for all the subprojects of MCs where untreated wastewater is being dispose off to the irrigation canals.

Sr. #	Act	Description	Applicability to sub-project
		related to canal navigation. It briefly addresses issues	
		relating to environmental pollution.	
		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."	
		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."	
		The Act requires the protection of wildlife species	This act shall be applicable in case any harm to wildlife is
	Punjab Wildlife	declared as endangered/threatened and rare. It gives	assessed at the stage of early screening or if there is any
18	Protection, Conservation	protection to these species by declaring their natural	potential risk identified to the wildlife during or after
10	and Management Act,	living environment as protected and reserved, which	execution of the subprojects/projects related to
	1974	includes areas such as national parks, wildlife sanctuaries,	infrastructure development and municipal service
		and game reserves.	delivery.
	Guidelines and Checklists	Punjab EPA has also designed the following	Checklists for IEE and EIA shall be applicable to all the new
19	adopted by GOP after	Guidelines/Checklists for IEE/EIA Projects:	infrastructure development projects.
19	18th Amendment	Check List for IEE (updated September 2020)	Following Guidelines shall be applicable for MC's
	18th Amendment	Check List for EIA (updated September 2020)	municipal service delivery projects:

Sr. #	Act	Description	Applicability to sub-project
		After 18 <sup>th</sup> Amendment, Punjab EPA has adopted the	✓ Urban Roads
		following sectoral Guidelines that were prepared by	✓ Water Supply
		other provinces and were earlier adopted by Pak EPA:	✓ Sanitation Schemes
		✓ Poultry Farms	✓ Major Sewerage Schemes
		✓ 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	

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							
	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							
1.		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	\$3	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	\$3	NA
		Overhead reservoirs (OHRs)	May have negligible environmental impacts	E2	S2	ESMP
		Water Supply distribution	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 Drain	age		
	Urban drainage systems  Open Drainage System  Covered Drains  Flood control systems		May have some negative to significant environmental and social impacts depending		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
			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	I		
	Rehabilitation and maintenance of urban roads <sup>4</sup>		May have some negative but localized environmental and social impacts	E2	S2S	ESMP
	Pedestrian walk	ways, Bicycle paths	May have negligible environmental impacts	E2	S2	ESMP
	Streets and secu	urity 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 o	f Bus Stands/Terminals <sup>5</sup>	May have negligible environmental impacts	E2	E2	ESMP
5.			Social and Livability Infra	structure		
	Urban greenery	and public spaces	May have negligible environmental impacts	E2	S2	ESMP
	Construction of Community Parks <sup>6</sup>		May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation Community Par	•	May have negligible environmental impacts	E2	S2	ESMP

\_

<sup>4</sup> After 18<sup>th</sup> 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

<sup>5</sup> 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

Integrated Development and Asset Management Plan (IDAMP) (2023-24, 2024-25, 2025-26) Municipal Committee Bahawalnagar

# **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 I	Examination (IEE)						
Hiring of Environmental Consultant	500,000-800,000						
Implementation of IEE	500,000- 700,000						
IEE Submission fee	15, 000						

### **Section 4: Monitoring & Supervision**

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

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

# **Annexure E. Project Appraisal**

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

Project Description: Replacement of Streetlights

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

		Costs			Benefits				PV @ %	22.32	
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(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	-
	Γotal	8	45	53	-	-	2,405	2,405	2,352		116

#### 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.
- 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.
- <sup>5</sup> 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				
Machinary & Equipment	15				

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

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

**Project Description:** Construction of Underground Water Storage Tank

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

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		А	В	C=A+B	D	Е	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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
-	Γotal	550	2,996	3,546	7,683	-	-	7,683	4,138		(229)

#### 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.
- 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.
- <sup>5</sup> 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				
Machinary & Equipment	15				

- 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.
- 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)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	75	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	37%	
3	Benefit Cost Ratio (BCR) BCR= Total Benefits ÷ Total Costs		Ratio	22.53	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25	

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	Е	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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
1	Γotal	50	74	124	2,794	-	-	2,794	2,670		75

#### 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.
- 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.
- <sup>5</sup> 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				
Machinary & Equipment	15				

- 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.
- Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

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

Project Description ; Solarization of Tube wells and Water Supply System

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

			Costs			Ben	nefits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
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
1	Total .	170	252	422	9,500	-	-	9,500	9,078		256

#### 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.
- 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.
- <sup>5</sup> 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				
Machinary & Equipment	15				

- 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.
- 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: 03-12-02-02-01

Project Description : Solarization of pumps and disposal stations

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

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
0	2023-2024	170.00	0.85	171				-	(171)	1	(171)
	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
	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
	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
Т	otal	170	252	422	9,500	-	-	9,500	9,078		256

#### 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.
- 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.
- <sup>5</sup> 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/	35	
Transmission Mains	25	
Sewerage/ RCC Pipelines	25	
Vehicles	10	
Machinary & Equipment	15	

- 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.
- Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

# **Annexure F. Stakeholder's Consultative Session**



Consultative Session - Bahawalnagar.pdf

2022-2023



2023-2024

Session\_Bahawalnaga

# 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	