

Punjab Municipal Development Fund Company

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

> IDAMP - Municipal Committee Bahawalnagar May 2023







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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
Α	Excellent	Routine Maintenance
В	Good	Minor Repair
С	Fair	Major Repair
D	Poor	Rehabilitation
Ε	Failing	Replacement

3. Current and Target Level of Services (LOS)

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

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

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

4. Identification of Projects

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

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

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

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

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

5. Financial Capacity Analysis

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

6. Project Screening & Phasing

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

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

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

1.4. Technical Inputs, Assumptions and Limitations

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

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

Overview - Municipal Committee Bahawalnagar

Section 2. Overview - Municipal Committee Bahawalnagar

2.1. Introduction

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

2.2. Functions of Municipal Committee Bahawalnagar

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

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

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

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

3 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	Water Supply System Filtration Plants			
		GST		5	
		Intermediate Pumping Station	No.	5	
		Movable Assets (Vehicles/Machinery)	No.	1	
		Sewerage Network	Meter	100893	
2	Sewerage System	Disposal Stations	No.	8	
		Movable Assets (Vehicles/Machinery)	No.	48	
3	SWM Posource	Dumping site	No.	1	
3	SWM Resource	Movable Assets (Vehicles/Machinery)	No.	419	
4	Bus Stands	Bus Stand	No.	1	

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

The detail of assets is provided in Annexure A.

3.2. Condition of Existing Assets

The condition of assets of MC is presented below:

Table 2: Condition of Existing Assets

Asset Category		Asset 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 Supply	Water Supply Network	68974	60352	-	-	43108	Meter	172434
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
Sewerage System	Disposal Stations	-	3	4	-	1	No.	8
Jewerage 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
Duildings	Library	-	-		-	1	No.	1
Buildings	Residential Buildings	-	-	29	-	-	No.	29
	Shops	-	344	4	-	-	No.	348
Dublic Dlaces	Park	-	1	2	-	-	No.	3
Public Places	Slaughter House	-	-	-	1	-	No.	1
Office Vehicles	Office Vehicles		-	2	2	1	No.	5
Street lights	Street lights	254	-	-	-	219	No.	473
Roads	Roads		-	-	-	24.08	Km	24.08

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	2023-2026
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	7	2	Disposal Stations for Bahawalnagar City	2023 2020
Sewage and	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

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	63%	63%		
	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%	Ο%		
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 and disposal	Open Collection Points (Number)	Open Collection Points	113	113		
including landfill site and	Secondary collection machinery (Number)	Secondary collection machinery	14	14		
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)		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Roads with condition "A" (Excellent) %	Total length of roads with condition "A" expressed as a percentage of total roads.	О%	0%		
	Roads with condition "B" (Good) %	Total length of roads with condition "B" expressed as a percentage of total roads.	0%	75%		
Roads and streets;	Roads with condition "C" (Fair) %	Total length of roads with condition "C" expressed as a percentage of total roads.	0%	0%	Improvement/Rehabilitation of Road TP-3 (Haroonabad road)	2023-2024
	Roads with condition "D" (Poor) %	Total length of roads with condition "D" expressed as a percentage of total roads.	0%	0%	. 1000)	
	Roads with condition "E" (Failing) %	Total length of roads with condition "F" expressed as a percentage of total roads.	100% 25%			
	Beautification of chowks %	Number of chowks having monuments expressed as a percentage of total chowks				
Streetlighting;	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	3.3%	3.3%		
Streetiighting,	Working Streetlight %	Percentage of working streetlights as of total streetlights.	54%	100%	Replacement of Streetlights	2025-2026
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	О%	О%		
Spen spaces,	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	О%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	O%	56%		
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	33%	44%	Improvement and	2022 2025
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	67%	0%	Rehabilitation of Parks in Bahawalnagar City	2023-2025
	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%	Ο%		
	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%	Ο%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	O%	О%		
Graveyards;	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	О%	О%		
	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	O%	О%		
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	0%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Graveyards with condition "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	0%	Ο%		
Transport	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	1:90	1:90		
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
Slaughterhouses;	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	Yes	Yes		
	Adequacy of facilities in slaughterhouses	Adequacy of facilities in slaughterhouses in terms of tools, disinfectants, refrigeration/ storage systems, drainage, and disposal facility, etc.	No	Yes	Rehabilitation of slaughterhouse	2024-2025
Municipal	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, airconditioning, lighting, drinking water etc.	No	No		
D. Halinana	Buildings with condition "A" (Excellent) %	Total number of buildings with condition "A" expressed as a percentage of total number of buildings.	О%	0%		
Buildings	Buildings with condition "B" (Good) %	Total number of buildings with condition "B" expressed as a percentage of total number of buildings.	О%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	100%	100%		
	Buildings with condition "D" (Poor) %	Total number of buildings with condition "D" expressed as a percentage of total number of buildings.	0%	Ο%		
	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.	О%	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.

5IDAMP Projects

Section 5. IDAMP Projects

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

Table 4: IDAMP Projects

				Total	2023-	·24	2024	l-25	2025	-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
1100			outogo: y			(M	illions)				(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	l-25	2025	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
			02003017			(M	illions)				(Score)
6	03-12-01-01- 01	Improvement of Water Supply scheme	Water Supply	60.50	60.50	3.03	-	3.03	-	3.03	77
7	03-12-01-06- 01	Construction of Underground Water Storage Tank	Water Supply	550.00	137.50	-	275.00	-	137.50	13.75	77
8	03-12-06-01- 01	Solarization of the municipal buildings	Buildings	50.00	50.00	0.25	-	0.25	-	0.25	80
9	03-12-02-01- 02	Solarization of Tube wells and Water Supply System	Water supply	170.00	170.00	0.85	-	0.85	-	0.85	80
10	03-12-02-02- 01	Solarization of pumps and disposal stations	Sewerage	148.99	148.99	0.74	-	0.74	-	0.74	80
11	03-12-04-01- 01	Improvement/Rehabilitation of Road TP-3 (Haroonabad road)	Roads	232.56	232.56	11.63	-	11.63	-	11.63	80
				2,329.20	1,224.55	16.50	904.45	42.86	200.20	58.18	

5.1. Detail of proposed projects:

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

Table 5: Projects Detail

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
1	03-12- 02-01-01	Improvement of Existing Sewerage System and Disposal Stations for 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	Both these parks require, -Boundary wall with iron grill • Entrance gates • Tuff tile pathways • Jogging track • Rainwater recharge well • Playing area for children • Grassing and flower	150	3.75	Amir Saan, Khalid Maqbool Park,Bhawaln agar City

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

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

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
4	03-12- 05-04-01	Rehabilitation of General Bus Stand (GSB) in 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

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
6		Improvement of Water Supply scheme	Water Supply	 Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations. Supply of adequate quantity of water in water shortage areas. Improvement of service delivery level in the entire city. Augmentation of the source capacity Equal distribution of water in the entire system Improvement of terminal pressure at remote ends of the distribution system Reduction of water borne diseases. Improvement in local and province economy. 	➤ Replacement of 11 pumpsets ➤ Installation of capacitors	60.5	3.025	Bhawalnagar City
7		Construction of Underground Water Storage Tank	Water Supply	The main objectives are - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost - To 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	Solarization of the municipal buildings based on the site load and installation capacity assessment	50	0.25	Bhawalnagar City

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

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



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	202	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.

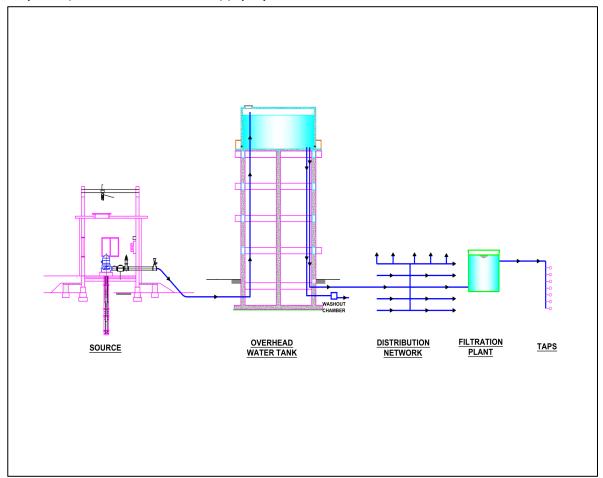
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

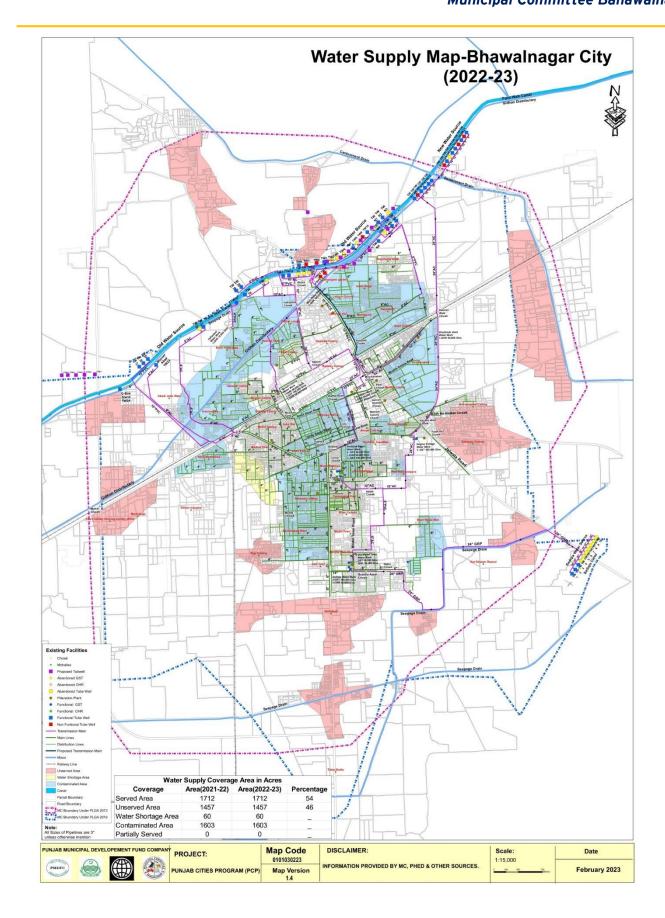
Annexure

Annexure A. Detail of Assets

1. Water Supply:

Key Components of a Water Supply System





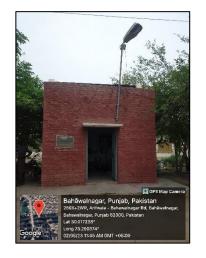
A. Tube well

6.1		Age (Y	ears)	Discharge		Pump	Motor			Darah Mahar
Sr #	Name	Civil Structu re	Pump	Capacity (Cusecs)	Motor hp			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					Abando	ned			0
5	Ford Wah Old #4					Abandoı	ned			0
6	Ford Wah Old #5					Abandoı	ned			0
7	Ford Wah Old # 6					Abandoı	ned			0
8	Ford Wah Old #7	33	33	0.5	20	20 Peco Peco Poor Fu				0.2
9	Ford Wah Old #8					0				
10	Ford Wah Old # 9	33	33	0.5			NoMotor		Non- Functional	0.05
11	Ford Wah Old # 10	39	39	0.5	20	Peco	Siemens	Poor	Functional	0.2
12	Ford Wah New # 1	18	18	0.5	20	KSB	Siemens	Fair	Functional	0.2
13	Ford Wah New # 2	18	18	0.5	20	KSB	Siemens	Good	Functional	0.2
14	Ford Wah New # 3					Abandoı	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 Fai			Non- Functional	0.2
19	Ford Wah New # 17	18	18	0.5	20	KSB Siemens Good Func			Functional	0.3
20	Ford Wah New # 16	18	18	0.5		Motor Rep	air	Good	Non- Functional	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	10				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 Moto	r	Fair	Non- Functional	0.2
29	Ford Wah New # 7	18	18	0.5	20	20 KSB Siemens			Functional	0.2
30	Ford Wah New # 6	18	18	0.5		No Motor			Non- Functional	0.2
31	Ford Wah New # 5	18	18	0.5		No Moto	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					0				
38	Sadiqabad Canal # 1					Abandor	ned			0
39	Sadiqabad Canal # 2	13	13	0.5	25 Flow Siemer		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	24-4	D	1 4-1			Barala Value
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 Motor	ſ	Poor	Non- Functional	0.25
44	Sadiqabad Canal # 7	13	13	0.5		No Motor	r	Poor	Non- Functional	0.25
45	Sadiqabad Canal #8	13	13	0.5		No Motor	r	Poor	Non- Functional	0.25
46	Sadiqabad Canal # 9	13	13	0.5		No Motor	r	Poor	Non- Functional	0.25
47	Sadiqabad Canal # 10	13	13	0.5		No Motor	r	Poor	Non- Functional	0.25
48	Ford Wah Old # 29	5	5	0.5		No Motor	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	20 Peco Siemer		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 De	velopme	nt an	d /	Asse	t Mana	agement Plan (IDAI	MP
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Pictures





	ntegrated Development and Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Assessn	nent			Code: te: 02-05-2023				
Power Wiring		Yes	Yes No							
Service Cable		Yes	No							
Earthing of MC	U	Yes	Yes No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes No								
		Overa	ll Rating							
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good F		air	Poor	Failing				
Category	Α	В	(С	D E					
		Remarks /	Requirem	ents						
• 160 kVA Ge	nerator was av	ailable to Old #0	, Old #01	, and Ol	d #02					
Data Collected E	By: Mr. Abdullah	Designation: Team Member			Jud Sign & Date: 30					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			May Sign & Date: 30	May 2023				

		Integrated De	velopme	ent ar	nd .	Asset Mar	nagement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
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		-				Ford wah					
Address						valnagar					
Area (Ma	Area (Marla)				1		Bahāwalnagar, Punjab, Pa				
Working Status			Functi	onal	F	Non- unctional	Pullordwah, Arifwala Rd, Bahawalna Pakistan Lat 30.017511°				
Installatio	on Yea	r of Tube Well		19	84	,	Google 02/05/23 12:11 PM GMT +05:00				
		r of Pump			84						
		Machinery									
Operation		•			6						
Delivery	Dia			6	5"						
Pipe	Mater	ial		M	1S						
Chlorinat	or		Ye	S		No					
			Once	Afte	er	No					
Chlorinat	ion Sch	nedule	in a Year	Mon s	th	Schedule					
Apron Around Pump House			Ye	S	·	No					
Hoisting	Girder		Ye	S		No					
Civil Stru	cture (Condition	Good	Fa	air	Poor					
Approach	to Pur	np House	Good	F	air	Poor	4				
		Pump De	tails	,			1 11				
Pump Typ	ре			Tur	bin	е					
Pump Ma	ke			PE	CC)					
Discharge	Capac	ity (Cusec)		0	.5						
Rotationa	l Spee	d (RPM)		14	60)					
Housing [Dia (inc	hes)		1	2		The state of the s				
Bore Dep	th (ft.)			18	80		19 1 1 1 1 1 1				
Head (ft.)				2	00						
Impeller (ft.)	Install	ation Depth		5	0						
Paint of F	umpin	g Unit	Good	Fa	air	Poor					
Number	Gate '	Valve			1						
of Valves	Non-F Valve	Returning			1						
Base Plate		Ye	S		No						
	Electro-Mechanical E				tail		1900 - 19				
		pacity (kVA)			0						
Sanctione		•			9.8						
	Motor Power (HP)				0						
	Motor Make			Sier		าร	The second				
MCU				Yes No			The state of the s				
	Earthing of Motor			Yes No							
			Ye			No	1				
Power Wiring						.10	1				



Asset Code:









	Integrated Development and Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Asses	sment		Asset Da	Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes No								
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	Overall Rating									
Average Score	Average Score 1			3	4	5				
Asset	Excellent	Good F		air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remarks	/ Requirem	nents						
• 160 kVA Ge	enerator was ava	ailable to Old	#0, Old #01	, and Ol	d #02					
• 160 kVA Generator was available to Old #0, Old #01, and Old #02 Data Collected By: Mr. Abdullah Designation: Team Member										
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			May	by				
					Sign & Date: 30 May 2023					

		Integrated De	velopmo	ent ar	nd .	Asset Ma	nagement Plan (IDAMP)
		ı	Municip	al Cor	nn	nittee Ba	nawalnagar
Forn		Asset Co	Tube W		SSI	ment	Asset (
12711111		Asset Do		- 1000			Pictures
Name		713361 3		d Wah	0	ld # 02	T TOTAL CO
	Latitu	ıde		30.01	74	197	
Location	Longi	tude		73.25	515	541	
Address			Arifwa	la Roa	ad,	Ford wal	
Address			Cana	ıl, Bah	av	valnagar	
Area (Ma	Area (Maria)				1		Bahāwalnagar, Punjab, Pa Unnamed Road, Bahāwalnagar,
Working Status			Functi	onal	F	Non- unctiona	Let 30.017497° Long 73.251541° Doogle 02/05/23 12:20 PM GMT +05:00
Installati	Installation Year of Tube Well			19	84		
Installati	on Yea	r of Pump		19	84		
		Machinery					
Operation	nal Hou	ırs			5		
Delivery	Dia				<u>''</u>		
Pipe	Mate	rial		-	IS		
Chlorinat	or		Ye			No	
			Once	Afte	r	NI.	
Chlorinat	ion Schedule		in a	6 Mon	ŀh	No Schedul	
			Year	S		Schedul	
Apron Ar	ound P	ump House	Ye			No	Acre with the second
Hoisting	Girder		Ye	S		No	
Civil Stru	cture (Condition	Good	Fá	air	Poor	
Approach	to Pu	mp House	Good	Fá	air	Poor	
		Pump De	tails				
Pump Tyj				Tur			E /4
Pump Ma				PE)	
		city (Cusec)			.5		
Rotationa					60)	
Housing I					2		
Bore Dep					30		
Head (ft.)		lation Depth		20	00		
(ft.)		•			0		
Paint of F		•	Good	-	air	Poor	
Number	Gate			-	<u>L</u>		
Valves	of Non-Returning Valve			:	1		
Base Plat	Base Plate			S		No	
E	Electro-Mechanical E			nt Det	ai	ls	
	Transformer Capacity (kVA)				5		
	Sanctioned Load (Kwh)				8.9		
	Motor Power (HP)				0		
Motor Ma	ke		Siemens				SY AND AND
MCU			Yes No				
Earthing		or	Ye			No	
Power Wi	ring		Ye	S		No	



Asset Code:









	Integrated Development and Asset Management Plan (IDAMP)									
	N	lunicipal Cor	nmittee Ba	hawalnag	ar					
Form: IDAMP-A1		Tube Well ndition Assessment				Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	Overall Rating									
Average Score	1	2		3	4	5				
Asset	Excellent	Good		Fair	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remark	s / Require							
• 160 kVA Ge	enerator was av	ailable to Old	1 #0, Old #0	1, and Old	d #02					
Data Collected E	By: Mr. Abdullah	n Designation: Team Member			Juloh					
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Mayby					
					Sign & Date: 30	May 2023				

		Integrated De	velopm	ent a	nd	Asset M	anagement Plan (IDAMP)
			Municip	al Co	mn	nittee Ba	hawalnagar
Forn		Accet Co	Tube W				Asset (
IDAMP	-A1	Asset Co		ASSE	2551	ment	Distures
Name		Asset Do		d Wal	hΩ	ld # 03	Pictures
Name	Latitu	ıde		30.0			=
Location	Longi			73.2			_
						Ford wa	h
Address	Address					valnagar	
Area (Ma	rla)				1		
Working S	Status			Aban	do	ned	
Installatio	on Yea	r of Tube Well					
Installatio	on Yea	r of Pump					
-		Machinery					
Operation	al Hou	rs					
Delivery	Dia						
Pipe	Mater	ial	.,		1		
Chlorinat	or		Ye			No	
			Once	Afte		No	
Chlorinat	ion Sch	nedule	in a	Mon		Schedu	· 一
			Year	S		Jeneau	
Apron Ar	ound P	ump House	Ye	S		No	
Hoisting (Girder		Ye	S		No	Bahāwalnagar, Punjab, P Unnamed Road, Bahāwalnagar,
Civil Stru	cture (Condition	Good	F	air	Poor	Edilg 73:24302
Approach	to Pur	mp House	Good	F	air	Poor	Google 02/05/23 12:25 PM GMT +05:0
		Pump De	tails				
Pump Typ							
Pump Ma							
		city (Cusec)					
Rotationa							
Housing I							Bahāwalnagar, Punjab, P Unnamed Road, Bahāwalnagar,
Bore Dep							Lat 30.017623° Long 73.252355°
Impeller		lation Depth					Google 02/05/23 12:26 PM GMT +05:0
(ft.)	mstan	ideion Depen					
Paint of F	umpin	g Unit	Good	F	air	Poor	•
Number	Gate	Valve		•			
of	Non-F	Returning					
Valves	Valve	!					
Base Plat			Ye			No	
		-Mechanical E	quipmei	nt De	tai	ls	
-		pacity (kVA)					_
Sanctione Motor Box							\dashv
	Motor Power (HP) Motor Make						\dashv
	MCU			ς		No	\dashv
Earthing of Motor			Yes No				\dashv
Power Wiring			Ye			No	\dashv
Service C			Ye			No	\dashv
				-	1		1





	Integrated Dev	relopment ar	nd Ass	set Man	agemer	nt Plan (IDAMP)			
Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Asse	ssmei	nt			Code: te: 02-05-2023		
Earthing of MC	U	Yes		No					
Energy Meter		Yes		No					
Water Meter		Yes		No					
PFI Equipment		Yes		No					
Generator		Yes		No					
Change Over		Yes		No					
		Ov	erall	Rating		1			
Average Score	1	2		3	3	4	5		
Asset Condition	Excellent	Good		Fair		Poor	Failing		
Category	А	В		С		D	E		
		Remark	s / Re	quirem	ents				
No remarks	i								
Data Collected	By: Mr. Abdullah	Designation	Designation: Team Member			Sign & Date: 30			
Data Checked E	By: Mr. M. Fiaz	Designation	n: Tea	m Lead		Sign & Date: 30	kry May 2023		

		Integrated De	velopme	ent an	d.	Asset Ma	nagement Plan (IDAMP)
			Municipa	al Con	nm	nittee Baf	awalnagar
Form		Asset Co	Tube W		Asset Code: Date: 02-05-2023		
		Asset De	etail				Pictures
Name			For	d Wah	0	ld # 04	
Location	Latitu	ıde		30.01	.76	528	
Location	Longi	tude		73.25	29	973	
Address						Ford wah valnagar	
Area (Mar	rla)			1	L		
Working S	Status			Aband	do	ned	
Installatio	on Yea	r of Tube Well					
Installatio	on Yea	r of Pump					
Capital Co	ost of N	Machinery					
Operation	al Hou	rs					
Delivery	Dia						
Pipe	Mater	ial					
Chlorinate	or		Ye	S		No	
Chlorination Schedule			Once in a Year S			No Schedule	,
Apron Arc	ound P	ump House	Yes			No	
Hoisting (,	Ye			No	
Civil Stru		Condition	Good	Fa	ir	Poor	
Approach	to Pur	np House	Good	Fa	ir	Poor	
		Pump De	tails				
Pump Typ	oe .	,					GPS Map Camera
Pump Mal	ke						Bahāwalnagar, Punjab, Pakistan Unnamed Road, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan
Discharge	Capac	ity (Cusec)					Lat 30.017628° Long 73.252973°
Rotationa							02/05/23 12:27 PM GMT +05:00
Housing D	Dia (inc	hes)					
Bore Dept							7
Head (ft.)							7
Impeller (ft.)	Install	ation Depth					
Paint of P	umpin	g Unit	Good	Fa	ir	Poor	
Number	Gate '	Valve		•		·	7
of Non-Returning Valves							
Base Plat			Ye	s		No	7
E	lectro-	Mechanical E	quipmer	nt Det	ai	ls	
Transforn	ner Ca	pacity (kVA)					7
Sanctione		•					
Motor Pov	wer (HI	P)					
Motor Ma	ke						
MCU			Ye	s		No	7
Earthing (of Moto	or	Ye	s		No	7
Power Wii	ring		Ye	s		No	
Service C	able		Ye	s		No	

	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses		Asset Da	Code: te: 02-05-2023					
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	Overall Rating									
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	А	В		С	D	Е				
<u> </u>		Remarks	s / Require	ments						
No remarks	Ĭ		,							
Data Collected By: Mr. Abdullah Designation: Team Membe					Sign & Date: 30					
Data Checked B	By: Mr. M. Fiaz	Designation	n: Team Lea	ad	Sign & Date: 30	May 2023				

		Integrated De	velopme	ent an	d /	Asset Mar	nagement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
Form IDAMP		Asset Co	Tube W		sn	nent	Asset Code: Date: 02-05-2023				
		Asset Do	etail				Pictures				
Name			For	d Wah	01	d # 05					
Location	Latitu	ıde		30.01	76	575					
Location	Longi	tude		73.25	35	552					
Address						Ford wah valnagar					
Area (Mai	rla)			1							
Working S	Status			Aband	lor	ned					
Installatio	on Yea	r of Tube Well					1				
Installatio	on Yea	r of Pump					7				
		Machinery					7				
Operation		•					1				
Delivery	Dia						1				
Pipe	Mater	ial					1				
Chlorinat			Ye	s		No					
			Once	Afte 6	r	No					
Chlorinat	ion Sch	nedule	in a Year Mont		h	Schedule					
Apron Ar	ound P	ump House	Yes		ı	No	1				
Hoisting (·	Yes			No					
Civil Stru		Condition	Good Fa		ir	Poor					
Approach			Good	Fa	ir	Poor					
		Pump De	tails				《大学》				
Pump Typ	oe .	ĺ					GPS Map Camera				
Pump Ma							Bahāwalnagar, Punjab, Pakistan Unnamed Road, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan				
Discharge	Capac	city (Cusec)					Lat 30.017675° Long 73.253552°				
Rotationa		_					Google 02/05/23 12:29 PM GMT +05:00				
Housing [
Bore Dep							7				
Head (ft.)							1				
		ation Depth									
Paint of F	umpin	g Unit	Good	Fa	ir	Poor	7				
Number	Gate										
of Valves		Returning									
Base Plat	Ye	s		No							
		-Mechanical E			ail						
		pacity (kVA)	, , , ,								
Sanctioned Load (Kwh)							1				
Motor Power (HP)							1				
Motor Ma											
MCU			Ye	<u>, </u>		No	1				
	Earthing of Motor			Yes No			1				
Power Wi			Ye			No	1				
Service C	•					No	1				
Service C	avie		Ye	>		INU	1				

	Integrated Dev	relopment an	nd Asset Ma	anagemei	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Asses	ssment		Asset Da	Code: te: 02-05-2023			
Earthing of MC	Ú	Yes	No						
Energy Meter		Yes	No						
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
		Ov	erall Rating	1	1				
Average Score	1	2		3	4	5			
Asset Condition	Excellent	Good		Fair	Poor	Failing			
Category	Α	В		С	D	Е			
5 7		Remarks	s / Require	ments					
No remarks			,						
Data Collected I	By: Mr. Abdullah	Designation: Team Member			Sign & Date: 30				
Data Checked B	y: Mr. M. Fiaz	Designation	n: Team Lea	nd	Sign & Date: 30	May 2023			

		Integrated De	velopme	ent an	ıd /	Asset Ma	nagement Plan (IDAMP)
		- 1	Municipa	al Cor	nm	ittee Bal	nawalnagar
Form:			Tube W				Asset Code:
IDAMP	-A1	Asset Co		Asse	ssr	nent	Date: 02-05-2023
		Asset De					Pictures
Name						ld # 06	_
Location	Latitu			30.01			_
	Longi	tude		73.25			
Address						Ford wah ⁄alnagar	
Area (Mar	·la)				L		
Working S	tatus			Aban	dor	ned	
		r of Tube Well					_
Installatio							_
		Machinery					_
Operation	al Hou	rs					_
Delivery	Dia						_
Pipe	Mater	ial					_
Chlorinate	or		Ye			No	_
			Once	Afte	r		
Chlorinati	on Sch	nedule	in a	6		No Cabadula	
			Year	Mont s	ın	Schedule	e
Apron Are	ound P	ump House	Ye			No	╡
Hoisting (,	Ye			No	
Civil Stru		Condition	Good	Fá	air	Poor	
Approach			Good	Fá		Poor	
,,,		Pump De					
Pump Typ	e	,					GPS Map Camera
Pump Mal							Bahāwalnagar, Punjab, Pakistan Unnamed Road, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan
Discharge	Capac	city (Cusec)					Lat 30.017742° Long 73.254053°
Rotationa	1 Spee	d (RPM)					Google 02/05/23 12:30 PM GMT +05:00
Housing D)ia (inc	hes)					
Bore Dept	th (ft.)						
Head (ft.)							
Impeller (ft.)	Install	ation Depth					
Paint of P	umpin	g Unit	Good	Fá	air	Poor	
Number	Gate '	Valve				•	7
of	Non-F	Returning					
Valves	Valve						
Base Plat			Ye			No	
		Mechanical E	quipmer	nt Det	ail	S	
		pacity (kVA)					_
Sanctione							_
Motor Pov		P)					_
Motor Ma	ke			1			
MCU			Ye			No	_
Earthing		or	Ye			No	_
Power Win			Ye			No	
Service C	able		Ye	S		No	

	Integrated Dev	elopment an	d Asset	Man	agemer	nt Plan (IDAMP)				
	Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well Asset Condition Assessment					Code: te: 02-05-2023			
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
		Ov	erall Rat	ing						
Average Score	1	2		3	}	4	5			
Asset Condition	Excellent	Good		Fair		Poor	Failing			
Category	А	В		С		D	Е			
<u> </u>		Remarks	s / Requi	reme	ents					
No remarks	i		-							
Data Collected	By: Mr. Abdullah	Designation: Team Member			ber	Sign & Date: 30				
Data Checked E	By: Mr. M. Fiaz	Designation: Team Lead				May Sign & Date: 30	May 2023			

		Integrated De	velonme	ent ar	nd.	Asset	Man		
			Municipa						
	Form: Tube Well DAMP-A1 Asset Condition Assessment								
		Asset De							
Name	T		Ford Wah Old # 07						
Location	Latitu			30.01					
	Longi	tude		73.25					
Address			Arifwa						
Area (Ma	rlal		Cana		1 <u>a v</u> 1	valnaga	11		
Working S			Functi			Non-			
Installatio	on Year	of Tube Well		19	90				
Installation					90				
		Machinery							
Operation		-		(5				
Delivery	Dia			6	<u>''</u>				
Pipe	Mater	ial		M	IS				
Chlorinat	or		Ye	S		No			
Chlorinat	ion Sch	edule	Once in a Year S		No				
		ump House	Ye			No			
Hoisting (Ye	_		No			
Civil Stru			Good F			Po			
Approach	to Pur	<u> </u>	Good Fair Poo				or		
		Pump De	tails	_					
Pump Typ				Tur					
Pump Ma				PE	_)			
		ity (Cusec)	0.5						
Rotationa			1460						
Housing [iies)	12						
Bore Dep			180 200						
Head (ft.) Impeller (ft.)		ation Depth			0				
Paint of F	Pumpin	g Unit	Good	Fa	air	Po	or		
Number	Gate '	•			1				
of Valves		Returning	1						
Base Plat	Ye	S		No					
Electro-Mechanical E			quipmer	nt Def	tail	s			
Transformer Capacity (kVA)					5				
	Sanctioned Load (Kwh)				9.8				
Motor Po	Motor Power (HP)			20					
Motor Ma	ke			PE	CC)			
MCU			Ye			No			
Earthing		or	Ye			No			
Power Wi	Ye			No					









	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	ssment		Asset Da	Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
Overall Rating										
Average Score	1	2		3	4	5				
Asset	Excellent	Good	F	air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remarks	s / Requirer	nents						
 No remarks 										
Data Collected B	By: Mr. Abdullah	Designation: Team Member			Juloh					
					Sign & Date: 30 May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation	n: Team Lea	d	May	hy				
					Sign & Date: 30	May 2023				

		Integrated De	velopme	ent an	d.	Asset Ma	nagement Plan (IDAMP)
		ı	Municipa	al Cor	nm	nittee Bal	nawalnagar
Forn IDAMP		Asset Co	Tube W		ıza	ment	Asset Code: Date: 02-05-2023
		Asset De	etail				Pictures
Name	1		For	d Wah	0	ld # 08	
Location	Latitu	ıde		30.01	.80	007	
Location	Longi [,]	tude		73.25			
Address						Ford wal	
			Cana	I, Bah	av	valnagar	
Area (Ma					L		
Working S				Aban	doı	ned	
		r of Tube Well					
		r of Pump					
		Machinery					
Operation		rs					
Delivery	Dia						
Pipe	Mater	ial		1			_
Chlorinat	or		Ye			No	
Chlorinat	ion Sch	edule	Once in a	Afte 6		No	
			Year	Mont S	th	Schedul	
		ump House	Ye			No	
Hoisting (Ye			No	
Civil Stru	cture (Condition	Good	Fá	air	Poor	
Approach	to Pur	<u> </u>	Good	Fá	air	Poor	
		Pump De	tails				
Pump Typ							Bahāwalnagar, Punjab, Pakistan
Pump Ma							2794+C6H, District Council, Bahawalnagar Bahāwalnagar, Bahawalnagar, Punjab, Pakistan
		ity (Cusec)					Lat 30.018007° Long 73.255632°
Rotationa							900Gle 02/05/23 12:40 PM GMT +05:00
Housing [hes)					
Bore Dep							_
Head (ft.)							_
(ft.)		ation Depth		1			
Paint of F		•	Good	Fá	air	Poor	
Number	Gate '						_
of Valves	Non-F Valve	Returning					
Base Plat			Ye	s		No	†
		Mechanical E			ai!		
		pacity (kVA)	, , , ,				
Sanctione		-					
Motor Po							
Motor Ma		-					
MCU			Ye	s		No	
Earthing	of Moto	or	Ye			No	
Power Wi		-	Ye			No	
Service C			Ye			No	
			. •				L

	Integrated Dev	/elopment an	d Asset Ma	nagemei	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses		Asset Da	Code: te: 02-05-2023					
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	Overall Rating									
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		air	Poor	Failing				
Category	А	В		С	D	Е				
<i>5</i>		Remarks	s / Require	nents						
No remarks	<u> </u>		•							
Data Collected By: Mr. Abdullah Designation: Team Member					Sign & Date: 30					
Data Checked B	ry: Mr. M. Fiaz	Designation	n: Team Lea	d	M Juf Sign & Date: 30	hy				

		Integrated De	velopme	ent an	d .	Asset Ma	nagement Plan (IDAMP)
		1	Municipa	al Com	۱m	nittee Bal	awalnagar
Forn IDAMP		Asset Co	Tube W		sr	nent	Asset Code: Date: 02-05-2023
		Asset De	etail				Pictures
Name			Ford Wah Old # 09				<u> </u>
Location	Latitu	ıde		30.01	84	138	
Location	Longi	tude		73.25	74	171	
Address						Ford wal	
Addiess			Cana	l, Bah	aw	valnagar	
Area (Ma	rla)			1			
Working S			Functi	onal	F	Non- unctional	
Installatio	on Yea	r of Tube Well		199	90)	
Installatio	on Yea	r of Pump		199	90		_
Capital C	ost of I	Machinery					
Operation	nal Hou	rs		0)		
Delivery	Dia			6'	"		
Pipe	Mater	ial		M	S		
Chlorinat	or		Ye	s		No	
Chlorinat	Chlorination Schedule		Once After in a Year Month			No Schedule	
				S			
—		ump House	Ye			No	
Hoisting (Yes			No	
Civil Stru			Good	Fa	ir	Poor	
Approach	to Pur		Good Fair Poor			Poor	
		Pump De	tails				Bahāwalnagar, Punjab, Pakistan
Pump Typ				Turb			Jahangir Kot, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan Lat 30.018438°
Pump Ma				PE(CO)	Long 73.257471°
		city (Cusec)		0.	5		Google 02/05/23 12:42 PM GMT +05:00
Rotationa	-			-			
Housing [12			_
Bore Dep	th (ft.)			18	80		
Head (ft.)				20	0		
(ft.)		ation Depth		60		T	
Paint of F	umpin	g Unit	Good	Fa	ir	Poor	
Number	Gate '	Valve		0)		
of Valves	Non-F Valve	Returning	0				
Base Plat	Base Plate			s		No	
E	quipmer	nt Det	ail	ls			
Transform	Transformer Capacity (kVA)						
Sanctioned Load (Kwh)				No M	~ +	or	
Motor Po	wer (H	P)		No M	υť	OI.	
Motor Ma							
мси			Ye	s		No	
Earthing	of Moto	or	Ye			No	
Power Wi			Ye			No	

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form: IDAMP-A1						Code: te: 02-05-2023			
Service Cable		Yes	No						
Earthing of MC	U	Yes	No						
Energy Meter		Yes	No						
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
	Overall Rating								
Average Score	1	2		3		4	5		
Asset	Excellent	Good		Fair		Poor	Failing		
Condition									
Category	Α	В		С		D	E		
		Remark	s / Requi	ements					
The tem	porary non-fund	tionality of t	he tube w	ell, due t	o 1	the motor unit ur	ndergoing repair		
Data Collected E	Designation: Team Member			Intop					
						Sign & Date: 30 May 2023			
Data Checked B	y: Mr. M. Fiaz	Designation	Designation: Team Lead			Marthy			
						Sign & Date: 30 May 2023			

		Integrated De	velonmo	ant ar	nd.	Assat Ma	ınagement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
Forn			Tube W				Asset C				
IDAMP	'-A1	Asset Co		Asse	ssr	nent	Dat				
Name		Asset De		-1 \\/ - 1		14 # 10	Pictures				
Name	l atit.	ıdo				ld # 10					
Location	Latitu Longi			30.01 73.25							
	Longi	tuue				Ford wa	<u></u>				
Address						/alnagar					
Area (Ma	rla)			.,	1						
			F 43	1		Non-					
Working S	status		Functi	onai	F	unctiona					
		r of Tube Well		19	84	•	Bahāwalnagar, Punjab, Pa				
		r of Pump		19	84	•	2794+C6H, District Council, Bahawa Bahawalnagar, Punjab, Pakistan				
<u> </u>		Machinery					Lat 30.018536° Long 73.257432°				
Operation		rs			6		02/05/23 12:43 PM GMT +05:00				
Delivery	Dia				5"						
Pipe	Mater	ial	M -		15	N1 -					
Chlorinat	or		Ye			No					
			Once	Afte	er	No					
Chlorinat	ion Sch	redule	in a	Mon	th	Schedul					
			Year	S		Scricuui					
Apron Ar	ound P	ump House	Yes No			No					
Hoisting			Ye	S		No					
Civil Structure Condition			Good	Fa	air	Poor					
Approach	to Pur	np House	Good Fair Poor			Poor					
		Pump De	tails								
Pump Tyj				Tur	bin	е					
Pump Ma					CO)					
		ity (Cusec)			.5						
Rotationa					60	<u> </u>					
Housing I		nes)	12								
Bore Dep					80		00				
Head (ft.)		ation Danth	200				/4				
(ft.)	Impeller Installation Depth (ft.)		60								
	aint of Pumping Unit		Good Fair Poor		Poor	00 L					
Number	Gate '	Valve			0						
of		Returning			1						
Valves Valve						NI -					
Base Plate			Yes No								
Electro-Mechanical E			quipinel		:5	3	2.1				
Transformer Capacity (kVA) Sanctioned Load (Kwh))						
Motor Power (HP)		14.92 20									
Motor Make)						
MCU		PECO Yes No				_					
	Earthing of Motor		Yes		No						
Power Wi		- -	Ye			No					
I OHEL HILLING											









Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well Asset Condition Assessment				Asset Code: Date: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	Overall Rating									
Average Score	1	2		3	4	5				
Asset	Excellent	Good	F	air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
Remarks / Requirements										
 No remarks 										
Data Collected E	By: Mr. Abdullah	Designation: Team Member			Julop					
					Sign & Date: 30 May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Mayby					
					Sign & Date: 30	May 2023				

		Integrated De	velonme	ent ar	nd	Asset Ma	ınagement Plan (IDAMP)
							hawalnagar
					1111	iiillee Da	ilawaiilayai
Forn IDAMP		Asset Co	Tube W		c c .	mont	Asset (
IDAMIP	-A1			ASSE	5 51	пепі	
Name		Asset Do		l Wah	Nic	ew # 01	Pictures
	Latitu	ıde		30.01			_
Location	Longi			73.25			
						Ford wa	 n
Address			Cana	I, Bal	nav	valnagar	
Area (Ma	rla)				1		
Working S	Status		Functi	onal	F	Non- unctiona	
Installati	on Yea	r of Tube Well		20	05		Pohävelpagar Dunish D
Installati	on Yea	r of Pump		20	05	j	Bahāwalnagar, Punjab, Pu 27C5+6W, Bahāwalnagar, Bal Lat 30.019788°
Capital C	ost of I	Machinery					Long 73.259738°
Operation	nal Hou	rs			6		Google 02/05/23 12:49 PM GMT +05
Delivery	Dia				5"		
Pipe	Mater	ial			15		
Chlorinat	or		Ye			No	
Chlorinat	Chlorination Schedule		Once in a Year	Afte 6 Mon		No Schedul	e
Apron Ar	ound P	ump House	Ye			No	
Hoisting		,	Ye			No	
Civil Stru	cture (Condition	Good Fair Poor			Poor	
Approach	to Pur	np House	Good Fair Poor			Poor	
		Pump De	tails				
Pump Ty	pe			Tur	bin	е	
Pump Ma					SB		
		ity (Cusec)			.5		
Rotationa					60		
Housing I		hes)			.2		10.
Bore Dep					80		
-		ation Depth			00 60		
(ft.)	Dumsi-	a Unit	Cood		air.	Poor	A Committee of the Comm
Paint of F Number	Gate '	•	Good	_	air 1	P001	The state of the s
of Valves		Returning	1				
Base Plate			Yes No				
Electro-Mechanical E					tai		
Transformer Capacity (kVA)			Jaihille		25	.5	
Sanctioned Load (Kwh)				14		2	Fred KANA
Motor Power (HP)					20		
Motor Make				Sier		าร	
MCU		Yes No			No		
Earthing	of Moto	or	Yes		No		
Power Wi	ring		Ye	S		No	









Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: Date: 02-05-2023				
Service Cable		Yes	No						
Earthing of MC	U	Yes	No						
Energy Meter		Yes	No						
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
		Ov	erall Rating	<u> </u>					
Average Score	1	2		3	4	5			
Asset	Excellent	Good		air	Poor	Failing			
Condition									
Category	Α	В		С	D	E			
Remarks / Requirements									
 No remarks 									
Data Collected E	By: Mr. Abdullah	Designation: Team Member			Juloh				
					Sign & Date: 30 May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Mayby				
					Sign & Date: 30	May 2023			

		Integrated De	velopme	ent ar	nd A	Asset Mar	nagement Plan (IDAMP)
							awalnagar
Forn	Asset Co	Tube W		ssr	ment	Asset (
12711111		Asset Do		- 1000			Pictures
Name		ASSEL		l Wah	Ne	w # 02	1 letuies
	Latitu	ıde		30.02	204	191	
Location	Longi			73.26			
						Ford wah	
Address						/alnagar	
Area (Ma	rla)				1		
Working S	-		Functi	onal	F	Non- unctional	Bahāwalnagar, Punjab, Pa 27C5+6W, Bahāwalnagar, Bah Lat 30.020491°
Installatio	on Yea	r of Tube Well		20	05		Long 73.260508° 02/05/23 12:54 PM GMT +05:
		r of Pump			05		
		Machinery					
Operation		•			6		A CANTON
Delivery	Dia			6	5"		
Pipe	Mater	ial		M	1S		Will a second
Chlorinat	or		Ye	S		No	
			0	Afte	r		
Chlorinat	Chlorination Schedule		Once in a Year	6 Mon s	th	No Schedule	
Apron Ar	ound P	ump House	Ye			No	
Hoisting (Ye			No	
Civil Stru		Condition	Good	_	air	Poor	
Approach						Poor	
Pump De							
Pump Typ	oe .	- , -		Tur	bin	e	
Pump Ma				K:	SB		
		ity (Cusec)		0	.5		
Rotationa					60		
Housing [1	2		
Bore Dep				18	80		
Head (ft.))			2	00		
Impeller (ft.)	Impeller Installation Depth		60				
Paint of F	umpin	g Unit	Good	Fa	air	Poor	
Number	Gate '				1	•	
of Valves	Non-F Valve	Returning	1				
Base Plat			Ye	S		No	*
E	quipmer		tail	s	100		
Transformer Capacity (kVA)					25		The All
Sanctioned Load (Kwh)					.92	2	- Louden
Motor Power (HP)					0		
Motor Make				Sier		าร	A LANGE
MCU			Yes No				
Earthing of Motor			Yes No				
Power Wi			Ye			No	1
					ı		



Asset Code:









	Integrated Dev	relopment ar	nd Ass	et Mar	nagemer	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well sset Condition Assessment				Asset Code: Date: 02-05-2023				
Service Cable		Yes	١	No						
Earthing of MCI	Earthing of MCU Yes No									
Energy Meter	Energy Meter Yes No									
Water Meter Yes No										
PFI Equipment Yes No										
Generator Yes No										
Change Over										
Overall Rating										
Average Score	1	2 3				4	5			
Asset	Excellent	Good		Fa	air	Poor	Failing			
Condition										
Category	Α	В		(С	D	Е			
		Remark	s / Red	quirem	ents					
No remarks										
Data Collected By: Mr. Abdullah Designation: Team Mem				ber	Jul	Sh				
						Sign & Date: 30	May 2023			
Data Checked B	y: Mr. M. Fiaz	Designation	n: Tear	m Lead	1	May	hy			
						Sign & Date: 30	May 2023			

	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment							Asset Code: Date: 02-05-2023				
		Asset De	etail				Pictures				
Name	Ford Wah New # 03										
Location	Latitu	ıde		30.02	213	310					
Location	Longitude			73.26	515	514					
Address	Address					Ford wa	h				
			Cana	I, Bah	ıav	valnagar					
Area (Mai					1						
Working S				Aban	doı	ned					
		of Tube Well					_				
Installatio		,					4				
		Machinery					4				
Operation	1	rs					4				
Delivery	Dia						_				
Pipe	Mater	iai					_				
Chlorinat	or		Ye			No	_				
			Once	Afte 6	r	No					
Chlorinati	ion Sch	edule	in a	Mont	ŀh	Schedul					
			Year	S	LII	Schedul	6				
Apron Ar	ound P	ump House	Ye			No	╡				
Hoisting (puuc	Ye			No					
Civil Stru		Condition	Good	- ·	air	Poor					
Approach			Good	_	air	Poor	一				
j. j. 1 v a v .		Pump De	 								
Pump Typ	oe .						GPS Map Camera				
Pump Ma							Bahāwalnagar, Punjab, Pakistan 27C5+6W, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan				
		ity (Cusec)					Lat 30.02131° Long 73.261514°				
Rotationa							Google 02/05/23 01:00 PM GMT +05:00				
Housing [Dia (inc	hes)									
Bore Dept											
Head (ft.)											
Impeller (ft.)	Install	ation Depth									
Paint of F	Pumpin	g Unit	Good	Fá	air	Poor					
Number	Gate \	Valve									
of		Returning									
Valves	Valve			-			_				
Base Plat			Ye			No					
		Mechanical E	quipmer	nt Det	tail	IS					
		pacity (kVA)					4				
Sanctione							\dashv				
Motor Po		-)					\dashv				
Motor Ma	ке					NI.	\dashv				
MCU			Ye			No	\dashv				
Earthing ()r	Ye			No	\dashv				
Power Wi			Ye			No	_				
Service C	able		Ye	S		No					

	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	Asset Da	Code: te: 02-05-2023						
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over										
Overall Rating										
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	А	В		С	D	Е				
<u> </u>		Remarks	s / Require	ments						
No remarks	Ĭ		,							
Data Collected I	By: Mr. Abdullah	Sign & Date: 30								
Data Checked B	By: Mr. M. Fiaz	Sign & Date: 30	May 2023							

		Integrated De	velopmo	ent ar	nd .	Asset Ma	nagement Plan (IDAMP)
		1	Municip	al Cor	nn	nittee Ba	hawalnagar
Form IDAMP		Asset Co	Tube W		SSI	ment	Asset Da
		Asset Do	etail				Picture
Name			Ford	d Wah	Ne	w # 21	
Lagation	Latitu	ıde		30.02	213	300	
Location	Longi	tude		73.26	514	197	
Address						Ford wa	h
			Cana	ıl, Bal	nav	valnagar	新達等
Area (Mai	rla)				1		
Working S			Functi	onal	F	Non- unctiona	Bahāwalnagar, Punjab, I 2705+6W, Bahāwalnagar, B
		r of Tube Well		20	05	j	Lat 30.0213° Long 73.261497°
		r of Pump		20	05	<u> </u>	Google 02/05/23 01:12 PM GMT +0
		Machinery					
Operation		rs)		
Delivery	Dia				5"		
Pipe	Mater	ial			IS		
Chlorinat	or		Ye			No	
Chlorination Schedule			Once in a Year	Afte 6 Mon		No Schedul	e
Apron Ar	ound P	ump House	Ye	S		No	
Hoisting (Girder		Ye	S		No	
Civil Stru	cture (Condition	Good	Fä	air	Poor	
Approach	to Pur	np House	Good	Fa	air	Poor	
		Pump De	tails				
Pump Typ				Tur	bin	e	
Pump Ma	ke			K:	SB		
		ity (Cusec)		0	.5		
Rotationa							
Housing [hes)			2		
Bore Dep					30		
Head (ft.)				2	00		
(ft.)	Impeller Installation Depth (ft.)				0	ı	
Paint of F		•	Good	Fa	air	Poor	The second secon
Number	Gate '				1		
of Non-Returning					1		
Valves	Valve				_		
Base Plat		Maakani - 1 =	Ye		L - *	No	
		Mechanical E	quipmei	וז שפי	tai	IS	
		pacity (kVA)					
Sanctioned Load (Kwh) Motor Power (HP)				No N	1ot	or	
		-,					A CONTRACTOR OF THE PARTY OF TH
Motor Make						Na	
MCU Earthing of Motor			Ye			No	
		or	Ye			No	
Power Wi	rıng		Ye	S		No	



Asset Code:







	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Asset Da	Code: te: 02-05-2023				
Service Cable		Yes	No								
Earthing of MC	ng of MCU Yes No										
Energy Meter	Energy Meter Yes No										
Water Meter		Yes	No								
PFI Equipment Yes No											
Generator											
Change Over											
Overall Rating											
Average Score	1	2		3		4	5				
Asset	Excellent	Good		Fai	ir	Poor	Failing				
Condition											
Category	Α	В		С		D	E				
		Remark	s / Requ	ireme	ents						
 The tempor 	ary non-functio	nality of the	tube wel	I, due	to the	motor unit unde	rgoing repair				
Data Collected By: Mr. Abdullah Designation: Team Member					oer	bet	§h				
			Sign & Date: 30	May 2023							
Data Checked By: Mr. M. Fiaz Designation: Team Lead						May	by				
						Sign & Date: 30	May 2023				

	sset (3110		Integrated De							
Asset Detail	Dat													
Name	.4	Α	nent	ssn			Asset Co							
Name	ctures	Pic				etail	Asset D							
Location Longitude T3.279625			w # 20	Ne	l Wah	Ford			Name					
Address Arifwala Road, Ford wah Canal, Bahawalnagar Area (Marla) Working Status Functional Installation Year of Tube Well 2005 Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours 0 Delivery Dia 6" Pipe Material MS Chlorinator Yes No Chlorination Schedule Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.)			44	377	30.03		ıde	Latitu	1 4:					
Area (Marla) Working Status Functional Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Dia Material Chlorinator Chlorination Schedule Apron Around Pump House Hoisting Girder Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bahawalnagar Non-Functional Non-	The same of the sa		25	796	73.2		tude	Longi	Location					
Area (Marla) Working Status Functional Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Dia Material Chlorinator Chlorinator Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bahäwalragar, Pun Functional Non Functional Functional Non Functional Functional Non Functional Functional Non Functional Non Functional Functional Functional Functional Non Functional Functional Functional Non Functional Functio							<u> </u>							
Working Status Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Dia Material Chlorinator Chlorinator Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Approach to Pump House Good Fair Poor Approach to Pump House KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bahäwalnaga, Pun 2005 2005 A005 A005 A006 A007 After 6 No Month 8 No Schedule 8 After 6 No Month 8 No Schedule 8 No Month 9 No Schedule 8 No Month 9 No Schedule 8 No Turbine No Turbine No No Civil Structure Condition Approach to Pump House Good Fair Poor Approach Seed (RPM) Housing Dia (inches) Bore Depth (ft.)			aaga.	1	, <u>Da</u> .	June		arla)	Area (Mai					
Installation Year of Tube Well 2005 Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours 0 Delivery Dia 6" Pipe Material Schedule Chlorinator Yes No Chlorination Schedule Apron Around Pump House Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Approach to Pump House KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) Housing Dia (inches) 12 Bore Depth (ft.)	Punjab, P	Bahāwalnagar,		F	onal	Functi								
Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Dia 6" Pipe Material MS Chlorinator Yes No Chlorination Schedule Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) Housing Dia (inches) 12 Bore Depth (ft.)	walnagar, Ba		unctional		20		r of Tube Well	ion Yea	Installatio					
Capital Cost of Machinery Operational Hours Delivery Dia Pipe Material Chlorinator Yes No Chlorination Schedule Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.)	M GMT +05:0													
Operational Hours O		300916					•							
Delivery Pipe Material 6" Pipe Material				0			•							
Pipe Material MS Chlorinator Yes No Chlorination Schedule Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) Housing Dia (inches) 12 Bore Depth (ft.)	13.37			_			···							
Chlorinator Chlorination Schedule Chlorination Schedule Once in a Year Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) After No No No Schedule S No Fair Poor Pump Oor Fair Poor Pump Type Turbine KSB Discharge Capacity (Cusec) Rotational Speed (RPM) 12 Bore Depth (ft.)							rial		-					
Chlorination Schedule Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.)	3		No		S	Ye	-	tor						
Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.)) (in a Mont									
Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.) 180	A IN		No		S	Ye	ump House	round P	Apron Are					
Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.) 180		ALC: USA	No		S	Ye		Girder	Hoisting (
Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Pump Details Turbine KSB D.5 12 12			Poor	air	F	Good	Condition	ucture (Civil Stru					
Pump Type Pump Make RSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Turbine KSB 0.5 12 12			Poor	air	F	Good	mp House	h to Pur	Approach					
Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) KSB 0.5 12 12		1				tails	Pump De							
Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) 12			9	bin	Tur			/pe	Pump Typ					
Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) 12	000	10000		SB	K			ake	Pump Mal					
Housing Dia (inches) 12 Bore Depth (ft.) 180				.5	0		city (Cusec)	je Capac	Discharge					
Bore Depth (ft.) 180				-			d (RPM)	al Spee	Rotationa					
	<u> </u>			L2	1		:hes)	Dia (inc	Housing [
Head (ft.) 200	Own test							oth (ft.)	Bore Dept					
				00	2									
Impeller Installation Depth (ft.)		18		50	6		lation Depth							
Paint of Pumping Unit Good Fair Poor	1 1	\$ 12.3	Poor	air	F	Good	g Unit	Pumpin	Paint of P					
Number Gate Valve 1		1.1.	1				Valve	Gate '	Number					
of Non-Returning Valves Valve				1			•							
Base Plate Yes No			No		S	Ye								
Electro-Mechanical Equipment Details			S	tail	nt De	quipme								
Transformer Capacity (kVA)	1/						pacity (kVA)	, <u>,</u>						
Sanctioned Load (Kwh) No Motor			nr.	10+4	No N									
Motor Power (HP)			<i>7</i> 1	viO L(INO									
Motor Make	20.	Land William												
MCU Yes No		The state of the s	No		S	Ye	MCU							
Earthing of Motor Yes No			No		s	Ye	or	of Moto	Earthing					
Power Wiring Yes No			No		S	Ye		iring	Power Wi					



Asset Code:







	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: Tube Well IDAMP-A1 Asset Condition Assessment							Code: te: 02-05-2023				
Service Cable		Yes	N	0							
Earthing of MC	Earthing of MCU Yes No										
Energy Meter		Yes	N	0							
Water Meter Yes No											
PFI Equipment		Yes	N	0							
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	E				
		Remarks	s / Req	uirem	ents						
 The tempor 	ary non-function	nality of the	tube w	ell, du	e to the	motor unit unde	rgoing repair				
Data Collected By: Mr. Abdullah Designation: Team Member					ber	Jul	Sh				
			Sign & Date: 30	May 2023							
Data Checked By: Mr. M. Fiaz Designation: Team Lead						May	hy				
						Sign & Date: 30	May 2023				

		Integrated De	velopmo	ent ar	nd /	Asset Ma	nagement Plan (IDAMP)
							nawalnagar
Forn IDAMP		Asset Co	Tube W ndition		ssr	nent	Asset D
		Asset Do	etail				Picture
Name			Ford	l Wah	Ne	w # 19	
	Latitu	ıde		30.03	377	744	三型车
Location	Longi			73.27			
	, y -					Ford wal	
Address						/alnagar	Bahāwalnagar, Punjab
Area (Ma	rla)				1		27QJ+HFM, Bahāwainagar, Lat 30.037744°
Working S	Status		Functi	onal	F	Non- unctiona	Google Long 73.279625° 02/05/23 01:22 PM GMT +0
Installati	on Yea	of Tube Well		20	05		
Installati	on Yea	r of Pump			05		
		/achinery					(C. 2)
Operation		•		(0		
Delivery	Dia			6	5''		
Pipe	Mater	ial		M	1S		
Chlorinat	or		Ye	S		No	
			Once Afte				
Chlorinat	ion Sch	edule	in a	6		No	
Ciliorillat	ion Sci	ledule	Year	Mon	th	Schedul	e
_				S			000000
		ump House	Ye			No	, ever 0.3 15°-
Hoisting			Ye			No	6 6
Civil Stru			Good	_	air	Poor	
Approach	to Pur	<u> </u>	Good	Fa	air	Poor	
		Pump De	tails	_			
Pump Typ				Tur		е	
Pump Ma		11- (6			SB_		
		ity (Cusec)		0	.5		
Rotationa					<u>-</u>		
Housing I		nes)			2		
Bore Dep					80		
Head (ft.)		ation Depth		2	00		
(ft.)		•			0	1	
Paint of F			Good	Fa	air	Poor	
Number	Gate '				1		
of		Returning			1		
Valves Valve					_		
Base Plat	Electro-Mechanical E			S		No	
			quipmei	nt De	tail	S	
		pacity (kVA)					
Sanctioned Load (Kwh)			No Motor			or	
Motor Power (HP)							
Motor Make			Voc. No.			N 1 =	
MCU	-6 14 1		Yes			No	
Earthing		or	Ye			No	
Power Wi	ring		Ye	S		No	











	Integrated Dev	relopment an	nd Asse	t Man	agemer	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: te: 02-05-2023				
Service Cable		Yes	N	0						
Earthing of MC	Earthing of MCU Yes No									
Energy Meter	Energy Meter Yes No									
Water Meter Yes No										
PFI Equipment		Yes	N	0						
Generator		Yes	N	0						
Change Over										
Overall Rating										
Average Score	1	2 3				4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		(2	D	E			
		Remarks	s / Req	uirem	ents					
• The tempor	ary non-function	nality of the	tube we	ell, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Member						ful	Sh			
			Sign & Date: 30	May 2023						
Data Checked By: Mr. M. Fiaz Designation: Team Lead						May	hy			
						Sign & Date: 30	May 2023			

		Integrated De	velopmo	ent an	nd /	Asset Ma	nagement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
Forn IDAMP		Asset Co	Tube W		ssr	nent	Asset (Dat				
		Asset Do	etail				Pictures				
Name			Ford	l Wah	Ne	w # 18					
Location	Latitu	ıde		30.03	354	65					
Location	Longi	tude		73.27	772	241					
Address					•	Ford wah					
			Cana	I, Bah	naw	alnagar					
Area (Ma	rla)				L		Bahawalnagar, Punjab, Pa				
Working S	Status		Functi	onal	F	Non- unctional	Unnamed Road, Bahawalna Lat 30.035466° Long 73.277241°				
Installati	on Yea	r of Tube Well		20	05		Google 02/05/23 01:28 PM GMT +0				
Installati	on Yea	r of Pump		20	05						
Capital C	ost of I	Machinery									
Operation	nal Hou	rs)						
Delivery	Dia			6)''						
Pipe	Mater	ial		М	IS						
Chlorinat	or		Ye	S		No	- L				
Chlorinat	ion Sch	nedule	Once of After on Afte			No Schedule					
Aprop Ar	ound D	ump House	Ye	S		No					
Hoisting		unip nouse	Ye			No					
Civil Stru		Condition	Good		air	Poor					
		np House	Good		air air	Poor					
Арргоасп	toru	Pump De		1 6	211	1 001					
Pump Ty	ne	Fullip De	talis	Tur	hin	Δ					
Pump Ma					SB	<u> </u>					
		city (Cusec)			.5						
Rotationa	•	•			. <u>.</u> -						
Housing I				1	2						
Bore Dep					<u>-</u> 30		1				
Head (ft.)					00						
Impeller (ft.)		ation Depth			0		2000				
Paint of F	Pumnin	a Unit	Good	Fa	air	Poor	<u>A</u>				
Number	Gate	•	3000	-	1	1 . 501					
of Valves		Returning	1								
	Base Plate			s		No					
		-Mechanical E	Ye guinmei		ail						
		pacity (kVA)	quipille	561	, all	-					
Sanction		-									
	Motor Power (HP)		No Motor			or					
	Motor Make										
MCU MCU				c		No					
Earthing	of Mot	or	Ye Ye			No					
Power Wi		νı	Ye								
Fower WI	1 1119		re	3		No					



Asset Code:









	Integrated Dev	velopment ar	nd As	set Man	agemen	t Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: te: 02-05-2023				
Service Cable		Yes		No						
Earthing of MC	Earthing of MCU Yes No									
Energy Meter Yes No										
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over										
Overall Rating										
Average Score	1	2 3				4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C		D	E			
		Remark	s/Re	equirem	ents					
 The tempor 	ary non-function	nality of the	tube	well, du	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Member					ber	Jul	Sh			
			Sign & Date: 30	May 2023						
Data Checked By: Mr. M. Fiaz Designation: Team Lead						May	ky			
						Sign & Date: 30	May 2023			

		Integrated De	velopmo	ent ar	nd A	Asset Ma	nagement Plan (IDAMP)				
Municipal Committee Bahawalnagar Form: Tube Well Asset											
Form		Asset (
IDAMI	Λ±	Asset Co		7330	<u> </u>	iiciic	Pictures				
Name		Asset Di		1 Wah	Ne	w # 17	Fictures				
	Latitu	ıde		30.03							
Location	Longi			73.27							
						Ford wah					
Address			Cana	ıl, Bal	naw	/alnagar					
Area (Ma	rla)				1		Bahawalnagar, Punjab, Pu Unnamed Road, Bahawalna				
Working S	Status		Functi	onal	F	Non- unctional	Lat 30.035465° Long 73.277241° 300gle 02/05/23 01:29 PM GMT +0				
Installati	on Yea	r of Tube Well		20	05						
		r of Pump		20	05						
		Machinery			_		The second second				
Operation	1	rs			6						
Delivery	Dia				5"						
Pipe	Mater	ial	M -		15	NI.					
Chlorinat	or		Ye			No					
Chlorinat	ion Sch	nedule	Once in a Year	Afte 6 Mon		No Schedule					
Apron Ar	ound P	ump House	Ye	S		No					
Hoisting		•	Ye	S		No	· V				
Civil Stru	cture (Condition	Good	Fa	air	Poor	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Approach	to Pur	np House	Good	Fa	air	Poor					
		Pump De	tails								
Pump Ty	pe			Tur	bin	е					
Pump Ma					SB						
		city (Cusec)			.5						
Rotationa	-				60						
Housing I		hes)			.2		10000000				
Bore Dep					80						
-		ation Depth			00 60						
(ft.)	nt of Pumping Unit				air	Poor					
Number	Gate '	•	Good		1	1001					
of Valves		Returning			<u>. </u>						
Base Plat			Ye	s		No	All little				
		·Mechanical E			tail						
	Transformer Capacity (kVA)				25		* 1				
Sanction		•			.92	2					
	Motor Power (HP)				0						
	Motor Make			Sier		าร					
MCU			Ye			No	1. 1. 1. 1.				
Earthing	of Moto	or	Ye			No					
Power Wi			Ye	S		No	The same of the sa				











	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asses	ssment			Code: te: 02-05-2023					
Service Cable		Yes	No								
Earthing of MC	U	Yes	No								
Energy Meter		Yes	No								
Water Meter		Yes	No								
PFI Equipment		Yes	No								
Generator		Yes	No								
Change Over		Yes	No								
Overall Rating											
Average Score	1	2		3	4	5					
Asset	Excellent	Good		Fair	Poor	Failing					
Condition											
Category	Α	В		С	D	E					
		Remarks	/ Require	ments							
 No remarks 											
Data Collected B	By: Mr. Abdullah	Designation: Team Member			Jul	Sh					
					Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			May	by					
					Sign & Date: 30	May 2023					

		Integrated De	velopme	ent ar	ıd /	Asset Man	agement Plan (IDAMP)
		ı	Municipa	al Cor	nm	ittee Baha	awalnagar
Forn IDAMP		Asset Co	Tube W		ssn	nent	Asset (
		Asset Do	etail				Pictures
Name			Ford	l Wah	Ne	w # 16	
	Latitu	ıde		30.03	354	65	
Location	Longi	tude		73.27	772	41	
			Arifwa	la Roa	ad,	Ford wah	
Address			Cana	l, Bah	aw	alnagar	
Area (Ma	rla)				Ĺ		
Working S	Status		Functi	onal	F	Non- unctional	Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna Lat 30.035465°
Installation	on Yea	r of Tube Well		20	05		Long 73.277241° Google 02/05/23 01:36 PM GMT +0
Installation	on Yea	r of Pump		20	05		
Capital C	ost of I	Machinery					
Operation	al Hou	rs		()		
Delivery	Dia			6	"		
Pipe	Mater	rial		М	S		
Chlorinat	or		Ye	S		No	The state of the s
			Once	Afte	r		A.e.
Chlorinat	ion Sch	redule	in a	6		No	
		icadic	Year	Mont	th	Schedule	
				S			
		ump House	Ye:			No	A
Hoisting		2 didi	Yes			No	
Civil Stru			Good Fair Poor				1 1 1
Approach	to Pui	mp House	Good	Fa	air	Poor	
Dumm Tur		Pump De	talis	T	h:-	_	
Pump Typ				Turl	oin SB	e	
Pump Ma		oity (Cugoo)					
		city (Cusec)		U	.5		1
Rotationa Housing I	-			1	2		
Bore Dep					<u>-</u> 30		
Head (ft.)					00		000000
		lation Denth					
(ft.)			C	_	0	- Danie	<u>A</u>
Paint of F		•	Good	-	<u>ir</u>	Poor	
Number of	Gate			-	<u>L</u>		
	of Non-Returning Valves				L		
Base Plat	l		Ye	c		No	
		-Mechanical E			ail		
		pacity (kVA)	4a.biilgi	50	. u 11		
Sanction		•					
Motor Po			Motor Repair			pair	
	Motor Make						
MCU			Yes No				A STATE OF THE STA
Earthing	of Mot	or	Ye			No	a latte
Power Wi		<u> </u>	Ye			No	
rowel WI	11119		re	3		INU	L



Asset Code:









	Integrated Dev	relopment ar	nd As	sset Mar	agemer	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asse	ssme	ent		Asset Code: Date: 02-05-2023				
Service Cable		Yes		No						
Earthing of MC	U	Yes		No						
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over	Yes		No							
Average Score	1	2		3	3	4	5			
Asset	Excellent	Good		Fa	air	Poor	Failing			
Condition										
Category	Α	В		(2	D	E			
		Remark	s/R	equirem	ents					
 The tempor 	ary non-functio	nality of the	tube	well, du	e to the	motor unit need	ing repair			
Data Collected E	Designation	Designation: Team Member			ful					
				Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead				May	by			
						Sign & Date: 30	May 2023			

		Integrated De	velopme	ent an	d.	Asset Ma	nagement Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
	Form: Tube Well IDAMP-A1 Asset Condition Assessment						Asset Code: Date: 02	-05-2023			
		Asset De	etail				Pictures				
Name	•					w # 15					
Location	Latitu	ıde		30.03	354	165					
Location	Longi ^s	tude		73.27							
Address						Ford wal					
			Cana	I, Bah	av	valnagar	_				
Area (Mai					L						
Working S				Aban	doı	ned					
		of Tube Well					_				
Installatio		,					-				
-		/lachinery					-				
Operation		rs					-				
Delivery	Dia										
Pipe	Mater	ial					-				
Chlorinate	or		Ye			No	_				
			Once	Afte	r						
Chlorinati	ion Sch	edule	in a	6	L 1.	No					
			Year	Mont	ın	Schedul					
Anron Ar	ound D	ump House	Ye	<u>S</u>		No	1				
Hoisting (unip nouse	Yes			No					
Civil Stru		Condition	Good	Fá	air	Poor					
Approach			Good	Fá		Poor					
, .ppi odoli	ul	Pump De		, , ,		1.001					
Pump Typ	oe	. dinp be	- WIII					GPS Map Camera			
Pump Mal							Bahawalnagar, Punjab, Pakistan Unnamed Road, Bahawalnagar, Punjab	, Pakistan			
-		ity (Cusec)					Lat 30.035465° Long 73.277241°				
Rotationa							Google 02/05/23 01:39 PM GMT +05:00				
Housing D											
Bore Dept							1				
Head (ft.)							1				
		ation Depth									
Paint of F	umpin	g Unit	Good	Fá	air	Poor					
Number	Gate \	/alve									
of	Non-F	Returning									
Valves	Valve	-									
Base Plat			Ye			No					
E	lectro-	Mechanical E	quipmer	nt Det	ail	S					
		acity (kVA)									
Sanctione											
Motor Pov		P)									
Motor Ma	ke										
MCU			Ye			No					
Earthing		or	Ye	S		No					
Power Wi			Ye			No					
Service C	able		Ye	S		No					

	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	ssment		Asset Da	Code: te: 02-05-2023				
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
		Ov	erall Ratin	9						
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	А	В		С	D	Е				
<u> </u>		Remarks	s / Require	ments						
No remarks	Ĭ		,							
Data Collected I	By: Mr. Abdullah	Sign & Date: 30								
Data Checked B	By: Mr. M. Fiaz	Sign & Date: 30	May 2023							

		Integrated De	velopme	ent ar	nd .	Asset Ma	nagement Plan (IDAMP)			
Municipal Committee Bahawalnagar										
Forn		Asset Co	Tube W		SSI	ment	Asset (
12711111		Asset De			<u> </u>		Pictures			
Name		ASSEL		l Wah	Ne	w # 14	1 ictures			
	Latitu	ıde		30.03		= .	_			
Location	Longi			73.27						
	Longi	tuut				Ford wa				
Address						valnagar				
Area (Ma	rla)				1					
Working S			Functi	onal	F	Non- unctiona				
Installatio	on Yea	r of Tube Well		20	05					
		r of Pump			05		Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna			
		Machinery					Lat 30.035465° Long 73.277241°			
Operation		•		(6		Google 02/05/23 01:40 PM GMT +0			
Delivery	Dia				5"					
Pipe	Mater	rial			IS					
Chlorinat			Ye	S		No				
			Once	Afte	r					
Chlorinat	ion Sch	nedule	in a 6		No th Cabadu					
			Year	Mon ^s	th	Schedul	e			
Apron Ar	ound P	ump House	Ye	_		No				
Hoisting (Girder		Ye	S		No				
Civil Stru	cture (Condition	Good Fair Poor							
Approach	to Pur	np House	Good	F	air	Poor				
		Pump De	tails							
Pump Typ	Эе			Tur	bin	е				
Pump Ma	ke			K	SB		000			
Discharge	Capac	city (Cusec)		0	.5					
Rotationa	al Spee	d (RPM)		14	60)	72 73			
Housing [Dia (inc	hes)		1	.2		4			
Bore Dep	th (ft.)			18	80		340 FG			
Head (ft.)				2	00					
Impeller (ft.)	Install	ation Depth		6	0					
Paint of F	umpin	g Unit	Good	Fa	air	Poor				
Number	Gate '	Valve			1					
of Non-Returning Valves				:	1					
Base Plat	l		Ye	s		No				
		Mechanical E			tai					
		pacity (kVA)	ye.pinei		25	.5				
Sanctione		•		14		2				
Motor Po					20					
Motor Ma		,				าร				
MCU MCU			Siemens Yes No				_			
Earthing of Motor						No				
Power Wi			Ye			No				
LOME! MI	ııııy		Te	3		INU				









	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asses	ssment				Code: te: 02-05-2023				
Service Cable		Yes	No)							
Earthing of MC	U	Yes	No)							
Energy Meter		Yes	No)							
Water Meter		Yes	No)							
PFI Equipment		Yes	No)							
Generator		Yes	No)							
Change Over		Yes	No								
		Ov	erall Ra	ting							
Average Score	1	2		3	3	4	5				
Asset	Excellent	Good		Fa	iir	Poor	Failing				
Condition											
Category	Α	В		(3	D	E				
		Remarks	s / Requ	uirem	ents						
 No remarks 											
Data Collected B	By: Mr. Abdullah	Designation: Team Member			ber	Jul	Sh				
						Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead				May	by				
						Sign & Date: 30	May 2023				

		Integrated De	velopme	ent aı	nd A	Asset Ma	nagement Plan (IDAMP)
							awalnagar
Form		Asset Co	Tube W		ser	ment	Asset Da
157(1)11		Asset Do		71330		nene	Picture
Name		ASSELD		l Wah	Ne	w # 13	Ficture
Nume	Latitu	ıde		30.03			
Location	Longi			73.2			
	Longi	tuuc				Ford wah	
Address						/alnagar	
Area (Mar	rla)				1		
Working S			Functi	onal	F	Non- unctional	Bahawalnagar, Punjab, I Unnamed Road, Bahawaln Lat 30.035465°
Installatio	n Yea	of Tube Well		20	05		Google Long 73.277241° 02/05/23 01:43 PM GMT
Installatio					05		
		Machinery					
Operation		•			6		
Delivery	Dia			6	5"		
Pipe	Mater	ial		N	1S		
Chlorinate	or		Ye	S		No	
Chlorinati	ion Sch	edule	Once in a Mont		No		
Anron Are	aund D	umn Hausa	Year	S			
Hoisting (ump House	Ye. Ye			No No	
Civil Stru		`ondition	Good	_	ı air	Poor	
Approach			Good		air	Poor	
Арргоцен	to i ui	Pump De			un	1 001	The state of the s
Pump Typ)e	i dilip be	tuiis	Tur	hin	<u>e</u>	A Section
Pump Mal					SB		
•		ity (Cusec)			.5		
Rotationa							
Housing D				1	.2		
Bore Dept		·		1	80		10.
Head (ft.)				2	00		
Impeller (ft.)	Impeller Installation Depth			6	50		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Paint of P	umpin	g Unit	Good	F	air	Poor	
Number	Gate '	Valve			1		
of Valves			1				
Base Plat			Ye			No	
		Mechanical E	quipmer	nt De	tail	S	
		oacity (kVA)					
Sanctioned Load (Kwh)				No N	/ot	or	
Motor Pov		P)		. 10 1		. .	
Motor Make							
MCU						No	
Earthing (or	Ye		No		
Power Wi	ring		Ye	S		No	



Asset Code:









	Integrated Dev	relopment ar	nd Asset	t Man	agemer	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asse	ssment		Asset Code: Date: 02-05-2023					
Service Cable		Yes	No)						
Earthing of MC	U	Yes	No)						
Energy Meter		Yes	No)						
Water Meter		Yes	No)						
PFI Equipment		Yes	No)						
Generator		Yes	No)						
Change Over		Yes	No)						
Overall Rating										
Average Score	1	2 3				4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C		D	E			
		Remark	s / Requ	irem	ents					
 The tempor 	ary non-functio	nality of the	tube we	II, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Member						ful				
						Sign & Date: 30	May 2023			
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead				May	by			
						Sign & Date: 30	May 2023			

Installation Year of Pump 2005 Capital Cost of Machinery			Integrated De	velopme	ent an	d /	Asset Ma	nagement Plan (IDAMP)				
IDAMP-A1 Asset Condition Assessment		Municipal Committee Bahawalnagar										
Name			Asset Co			ssn	nent					
Location Latitude 30.035465 73.277241 Address Arifwala Road, Ford wah Canal, Bahawalnagar Area (Marla) 1 Non-Functional Non-Functional Functional Functi			Asset Do	etail				Pictures				
Address	Name			Ford	l Wah	Ne	w # 12					
Address	1	Latitu	ıde		30.03	54	65					
Address Area (Marla) Working Status Functional Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Pipe Material Area Chlorinator No No No Chlorinator No No No Chlorinator No No No No No No Chlorinator No No No No No No Chlorinator No No No No No No No No No	Location	Longi	tude		73.27	72	241	1				
Address Area (Marla) Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Chlorinator Chlorinator Chlorination Schedule Apron Around Pump House Apron Around Pump House Apron Around Pump House Apron Around Pump House Apron Aproach to Pump Details Pump Type Pump Details Pump Type Pump Make KSB Discharge Capacity (Cusec) Bore Depth (ft.) Head (ft.) Installation Depth (ft.) Paint of Pumping Unit Gate Valve of Non-Returning Valves Ves No Electro-Mechanical Equipment Details Transformer Capacity (KVA) Sentioned Load (Kwh) Motor Make Siemens MCU Yes No Non-Returning Valves No Siemens MCU Yes No No Pump Abawananagar Non-Functional Shown Functional Functional Shown Functional Fundation Functional Fundation Functional Fundation Functional Fundation Functional Functional Fundation Functional Fundation Functional Fundation Functional Fundation Fundat				Arifwa	la Roa	ad,	Ford wah					
Non- Functional Superior Su	Address			Cana	l, Bah	aw	alnagar					
Installation Year of Tube Well 2005 Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours 6 Delivery Dia 6" Pipe Material MS Chlorination Schedule Yes No After 6 No Month Schedule Apron Around Pump House Yes No Civil Structure Condition Good Fair Poor Approach to Pump House 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.) 180 Non-Returning Valve 1 Death Non-Returning Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No No Motor Make Siemens MCU Yes No Motor Make Siemens MCU Yes No Transformer Capacity (Yes No Diamond Road (Rambout to the substantial and the	Area (Ma	rla)			1	L						
Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Pipe Material Chlorinator Chlorinator Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Coci Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Rood Finit Rood F	Working S	Status		Functi	onal	F						
Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours 6 Delivery Dia 6" Pipe Material MS Chlorinator Yes No Chlorination Schedule Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) 1460 Housing Dia (Inches) 12 Bore Depth (ft.) 180 Head (ft.) 180 Head (ft.) 180 Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Electrohype Siemens MCU Yes No Earthing of Motor Yes No Electrohype Siemens MCU Yes No Electrohype Siemens MCD Yes N	Installati	on Yea	r of Tube Well		20							
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Operational Hours Delivery Dia G" Pipe Material MS No			•									
Delivery Pipe Material 6" Pipe Material MS Chlorinator Yes No Chlorination Schedule Once in a Year 6 No Month Schedule 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.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Valve Uslee Valve Of Sanctioned Load (Kwh) 14.92 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No	-		-			5						
Pipe Material												
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Apron Around Pump House Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Number of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Esarthing of Motor Yes No Wood Approach to Pump House Yes No No Fair Poor All (Ft.) Foor Non-Returning Valves No Filectro-Mechanical Equipment Details Transformer Capacity (kVA) Siemens MCU Yes No Earthing of Motor Yes No File No File No No File	061		and a dis				No	The same of the sa				
Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit (ft.) Paint of Pumping Unit Number Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Estribing of Motor Yes No Earthing of Motor Yes No No No No Figure Poor No Figure Foor No Figure Poor No Figure Foor No F	Chlorinat	ion Scr	redule		Mont	:h	Schedule					
Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (Inches) Bore Depth (ft.) Paint of Pumping Unit (ft.) Paint of Pumping Unit Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Earthing of Motor Yes No Earthing of Motor Yes No No Poor Non-Returning Valves No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Siemens MCU Yes No Poor Non-Returning Valve No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Siemens No Earthing of Motor Yes No				r ear	S			Million S				
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Pump Type	Approach	to Pur	np House	Good	Fa	ir	Poor					
Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit For Non-Returning Valve Base Plate Valve Base Plate Valve Base Plate Ves No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Siemens No Siemens No O Siemens No Divided Nose No Siemens No S			Pump De	tails								
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Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit For Non-Returning Valves Valve Base Plate Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Earthing of Motor Paint of Pumping Unit Good Fair Poor And Poor No Fair Poor No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No			•		0.	.5		A A				
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Number of Non-Returning Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No	-	· · · · · · · · · · · · · · · · · · ·			6	0						
of Valves	Paint of F	Pumpin	g Unit	Good	Fa	ir	Poor	and the second second				
Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No		Gate	Valve		1	L						
Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No		Non-F	Returning			 I						
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	-					_						
Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No												
Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No				quipmer			S					
Motor Power (HP)20Motor MakeSiemensMCUYesNoEarthing of MotorYesNo			•					A STATE OF THE STA				
Motor MakeSiemensMCUYesNoEarthing of MotorYesNo							•					
MCUYesNoEarthing of MotorYesNo												
Earthing of Motor Yes No						ner						
							No					
Power Wiring Yes No			or				No					
	Power Wi	ring		Ye	S		No					









	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1	Tube Well Asset Condition Assessment					Asset Code: Date: 02-05-2023					
Service Cable		Yes	N	١o							
Earthing of MC	U	Yes	N	No.							
Energy Meter		Yes	N	١o							
Water Meter		Yes	N	١o							
PFI Equipment		Yes	N	No.							
Generator		Yes	N	No.							
Change Over		Yes	N	١o							
	Overall Rating										
Average Score	1	2		3	3	4	5				
Asset	Excellent	Good		Fa	nir	Poor	Failing				
Condition											
Category	Α	В		(D	E				
		Remarks	s / Red	quirem	ents						
 No remarks 	l .	_									
Data Collected E	By: Mr. Abdullah	Designation: Team Member			ber	Jul	Sh				
						Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead				May	by				
						Sign & Date: 30	May 2023				

		Integrated De	velopmo	ent an	d .	Asset Mai	nagement Plan (IDAMP)			
Municipal Committee Bahawalnagar										
Forn IDAMP		Asset Co	Tube W		123	nent	Asset (Dat			
		Asset De	etail				Pictures			
Name			Ford	l Wah	Ne	w # 11				
1 4	Latitu	ıde		30.03	54	165				
Location	Longi	tude		73.27	72	241	是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个			
			Arifwa	la Roa	ıd.	Ford wah				
Address						valnagar				
Area (Ma	rla)			1						
Working S			Functi	onal	F	Non- unctional	Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna Lat 30.035465°			
Installatio	on Yea	r of Tube Well		20	05		Google Long 73.277241° 02/05/23 01:52 PM GMT +0			
Installation	on Yea	r of Pump		20						
		Machinery					1 0			
Operation		•		6	5					
Delivery	Dia			6						
Pipe	Mater	ial		M						
Chlorinat			Ye		_	No				
	<u>. </u>			Afte	r	110				
			Once	6	•	No				
Chlorinat	ion Sch	nedule	in a Mont			Schedule				
			Year	S						
Apron Ar	ound P	ump House	Ye	S		No				
Hoisting (Girder		Ye	S		No				
Civil Stru	cture (Condition	Good	Fa	ir	Poor				
Approach	to Pur	mp House	Good	Fa	ir	Poor				
		Pump De	tails				N. M. A. S.			
Pump Typ	oe e			Turt	oin	е	and the second			
Pump Ma	ke			KS	βB					
Discharge	Capac	city (Cusec)		0.	5					
Rotationa	ıl Spee	d (RPM)		14	60)				
Housing [Dia (inc	:hes)		1	2					
Bore Dep	th (ft.)			18	30					
Head (ft.))			20	0		(4)			
Impeller (ft.)	Install	lation Depth		6	0					
Paint of F	umpin	g Unit	Good	Fa	ir	Poor				
Number	Gate	Valve		1						
of Non-Returning				1						
Valves	Valve	!			_					
Base Plat			Ye			No				
		-Mechanical E	quipmei			ls				
		pacity (kVA)		2						
Sanctioned Load (Kwh)				14.		2				
Motor Power (HP)				2	0					
Motor Ma	ke			Sien	ner	าร				
MCU			Yes No			No				
Earthing	of Mot	or	Ye	s		No	CONTRACTOR OF THE STATE OF THE			
Power Wi	ring		Ye	S		No				



Asset Code:









	Integrated Dev	elopment an	d Asset Mai	nagemer	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment										
Generator		Yes	No							
Change Over										
Overall Rating										
Average Score	1	2		3	4	5				
Asset	Excellent	Good	F	air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remarks	/ Requirem	nents						
 No remarks 										
Data Collected B	Data Collected By: Mr. Abdullah Designation: Team Men					Sh				
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation	: Team Lead	1	May	by				
					Sign & Date: 30	May 2023				

Asset Condition Assessment Dame Ford Wah New # 10			Integrated De	velopme	ent ar	nd .	Asset Ma	nagement Plan (IDAMP)				
IDAMP-A1	Municipal Committee Bahawalnagar											
Name			Asset Co			SSI	ment	Asset (
Name			Asset De	atail				Pictures				
Location Latitude	Name		Asset D		l Wah	Ne	w # 10	rictui e.				
Longitude T3.277241	Italiic	Latitu	ıde									
Arifwala Road, Ford wah Canal, Bahawalnagar Area (Marla) Working Status Functional Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Delivery Dia 6" Pipe Material Chlorinator Chlorinator Chlorinator Chlorinator Chore in a Year Apron Around Pump House Apron Around Pump House Hoisting Girder Pump Details Pump Type Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (Inches) Bore Depth (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Rotational Speed (RPM) Housing Dia (Inches) 12 Bore Depth (ft.) Impeller Installation Depth (ft.) Gate Valve of Non-Returning Valve Passe Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) 25 Sanctioned Load (Kwh) Motor Make Siemens MCU Yes No Earthing of Motor	Location											
Area (Marla) Working Status Functional Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Chlorinator C		Longi	tuuc									
Area (Marla)	Address	Address										
Non-	Area (Ma	rla)				-		Bahawalnagar Punjah F				
Installation Year of Tube Well Installation Year of Pump Capital Cost of Machinery Operational Hours Chlorinator Chlorinator Chlorination Schedule Apron Around Pump House Apron Around Pump House Apron Around Pump House Civil Structure Condition Approach to Pump House Once in a year No Civil Structure Condition Approach to Pump House Ooc Fair Pump Type Pump Details Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Installation Depth (ft.) Head (ft.) Paint of Pumping Unit Rodo Fair Poor Number Ooc Fair Ooc				Functi	onal	F		Unnamed Road, Bahawaln Lat 30.035465°				
Installation Year of Pump Z005 Capital Cost of Machinery Capital Cost of	Installatio	on Yea	r of Tube Well		20			Google 02/05/23 01:56 PM GMT +				
Capital Cost of Machinery Operational Hours Obelivery Pipe Material Chlorinator Chlorinator Chlorinator Chlorination Schedule Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Type Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (Inches) Head (ft.) Paint of Pumping Unit Cft.) Paint of Pumping Unit Cft.) Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Earthing of Motor Material After No No Schedule No No No Pair Poor No No N						-						
Operational Hours Delivery Dia 6" Pipe Material			•									
Delivery Pipe Material 6" Pipe Material NS Chlorinator Yes No Chlorination Schedule Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) 1460 Housing Dia (inches) 12 Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) 60 Paint of Pumping Unit Good Fair Poor Number Of Non-Returning Valves Valve Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No	-		•			6						
Pipe Material MS Chlorinator Yes No Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House 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.) Paint of Pumping Unit Good Fair Poor Number Gate Valve 0 Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) 25 Sanctioned Load (Kwh) 14.92 Motor Make Siemens MCU Yes No After No No After No No No After No No No No Fair Poor No Fair Poor No	·					_						
Chlorination Schedule Chlorination Schedule Chlorination Schedule Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Fump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Gate Valve Of Non-Returning Valves Base Plate Yes No Rotational Equipment Details No Electro-Mechanical Equipment Details No Electro-Mechanical Equipment Details No Motor Power (HP) After After No After No After No After No After No After No No After No No For Addon Poor No No After No No For After No No For Poor No For Poor No For Addon After No For Poor No No For Addon After No For Poor No For Addon No For After No For Poor No For Poor No For Addon Fair Poor No For Addon Fair Poor No For Addon Fair Poor No For Addon For A			ial									
Chlorination Schedule Chlorination Schedule Apron Around Pump House Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Turbine Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Mon-Returning Valves Cate Valve Mon-Returning Valves Discharge Capacity (KWA) Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No After 6 No No No No No Fair Poor No Fair Poor No No Fair Poor No No Fair Poor No No Fair Poor No No Fair Poor No No Fair Poor No No Fair Poor No No Fair Poor No Fair				Ye			Nο					
Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House 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.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Mono Schedule SNo No N						r						
Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Mon-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Earthing of Motor Yes No Civil Structure Condition Yes No Rood Fair Poor Ale Ale Ale Ale Ale Ale Ale Al							No					
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Hoisting Girder Civil Structure Condition Approach to Pump House Good Fair Poor Pump Details Pump Type Pump Make RSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) Sanctioned Load (Kwh) At 4.92 Motor Power (HP) Motor Make MCU Yes No Poor Pump Details Turbine Poor Nurbine KSB Discharge Capacity (Cusec) 0.5 Rotational Fair Foor 0.6 Rotational Fair Foor				rear	S							
Civil Structure Condition Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) At 4.92 Motor Power (HP) Motor Make MCU Yes No Pump Details Turbine RSB Poor Nurbine Goud Fair Poor No 60 60 Fair Poor No Fair Po	Apron Ar	ound P	ump House	Ye	s		No					
Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Furbine Nurbine Substitute Turbine No. 1460 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	Hoisting	Girder		Ye	s		No	200				
Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) 1460 Housing Dia (inches) 12 Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) 60 Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No	Civil Stru	cture (Condition	Good	Fa	air	Poor					
Pump Type	Approach	to Pur			Fa	air	Poor					
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.) Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 of Non-Returning Valve Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No			Pump De	tails								
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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 Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No 12 12 13 14 15 17 18 10 10 10 10 10 10 10 10 10	Pump Ma	ke			K:	SB						
Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor			-									
Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No												
Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No												
Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No												
Cod Fair Poor					2	00						
Number Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No		Install	lation Depth		6	0						
of Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No	Paint of F	umpin	g Unit	Good	Fa	air	Poor					
Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 25 Sanctioned Load (Kwh) 14.92 Motor Power (HP) 20 Motor Make Siemens MCU Yes No Earthing of Motor Yes No	Number	Number Gate Valve				1						
Base Plate Flectro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No						1						
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	Valves					_						
Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No												
Sanctioned Load (Kwh) Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No				quipmer			S					
Motor Power (HP)20Motor MakeSiemensMCUYesNoEarthing of MotorYesNo			-									
Motor MakeSiemensMCUYesNoEarthing of MotorYesNo							2					
MCU Yes No Earthing of Motor Yes No			P)									
Earthing of Motor Yes No		ke				nei						
Power Wiring Yes No		-						A REPORT OF				
	Power Wi	ring		Ye	S		No					



Asset Code:









	Integrated Dev	relopment an	d Asset Ma	nagemer	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment										
Generator										
Change Over										
Overall Rating										
Average Score	1	2		3	4	5				
Asset	Excellent	Good		air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remarks	s / Requirer	nents						
 No remarks 										
Data Collected E	Data Collected By: Mr. Abdullah Designation: Team Member					Sh				
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation	n: Team Lea	d	May	by				
					Sign & Date: 30	May 2023				

		Integrated De	velopme	ent ar	nd .	Asset Ma	nagement Plan (IDAMP)				
Municipal Committee Bahawalnagar											
Forn		Asset Co	Tube W			mont	Asset (
IDAMP	-A1			ASSE	5 51	пепі					
Name		Asset Do		1 Wah	NIc	w # 09	Pictures				
Name	Latitu	ıdo		30.02							
Location				73.26							
	Longitude					Ford wal					
Address						roi u wai /alnagar					
Area (Mai	Area (Maria)				1	ramagai	Bahawalnagar, Punjab, Pa				
					•	Non-	Unnamed Road, Bahawalna				
Working S	Status		Functi	onal	F	unctiona	Lat 30.026722° Long 73.269096°				
Installatio	on Yea	r of Tube Well		20	05		Google 02/05/23 02:01 PM GMT +0				
		r of Pump			05		<u> </u>				
		Machinery									
Operation		•		2	24						
Delivery	Dia	_		6	5"						
Pipe	Mater	ial		M	15						
Chlorinat	or	-	Ye	S		No					
	sinoi inacoi			Afte	r						
Chlarinati	: C-b	a de da	Once 7			No					
Chlorinat	ion Scr	ieduie	in a Year	Mon	th	Schedul	e				
			i eai	S							
-		ump House	Ye	S		No	1				
Hoisting (Ye	_		No					
Civil Stru			Good	F	air	Poor	- A				
Approach	to Pur		Good	F	air	Poor					
		Pump De	tails								
Pump Typ				Tur	_	е					
Pump Ma					SB						
		city (Cusec)			.5						
Rotationa					60)					
Housing [.2						
Bore Dep					80		666 8				
Head (ft.)				20	00						
	Install	ation Depth		6	0		5 5				
(ft.)	(17.) Paint of Pumping Unit			I -	. :-	D					
			Good		air 1	Poor					
Number	Gate				1						
of Valves	of Non-Returning Valves Valve				1						
Base Plat			Ye	c		No					
		·Mechanical E			tail						
		pacity (kVA)	quipiliei		.5	3					
Sanctione		•			.92)					
Motor Po					. <u>92</u>	-					
Motor Ma		,		Sier		ns					
MCU Ma	ИС		Ye		1161	No					
	Earthing of Motor					No	A				
Power Wi		<i>7</i> 1	Ye:			No					
LOWEL MI	ııııy		re	3		INU					



Asset Code:









	Integrated Dev	relopment an	d Asset Ma	nagemer	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	1 011110					Code: te: 02-05-2023				
Service Cable		Yes	No							
Earthing of MC	U	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment										
Generator		Yes	No							
Change Over										
Overall Rating										
Average Score	1	2		3	4	5				
Asset	Excellent	Good		air	Poor	Failing				
Condition										
Category	Α	В		С	D	E				
		Remarks	s / Require	nents						
 No remarks 										
Data Collected E	Data Collected By: Mr. Abdullah Designation: Team Membe					Sh				
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation	n: Team Lea	d	May	by				
					Sign & Date: 30	May 2023				

		Integrated De	velonm	ant ar	n d	Asset Man	agement Plan (IDAMP)
		nittee Baha	awalnagar 				
Forn			Tube W				Asset (
IDAMP	-A1	Asset Co		Asse	SSI	ment	Dat
Name		Asset Do		1 14/ - 1-	NI.	# 00	Pictures
Name	1 -4:4.	.do				ew # 08	
Location	Latitu Longi			30.02 73.26			
	Longi	tude				Ford wah	
Address						valnagar	
Area (Ma	rla)		Cario	ii, Dai	1	vaniagai	
Working S			Functi	onal	F	Non- unctional	Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna Lat 30.026022°
Installatio	on Year	r of Tube Well		20	05		Long 73.268278°
		r of Pump			05		02/05/23 02:05 PM GMT +0
		Machinery				•	
Operation		•		-	0		
Delivery	Dia				<u>.</u> 5"		
Pipe	Mater	ial			<u>,</u> 1S		
Chlorinat			Ye			No	
	Chlorination Schedule			Afte 6 Mon		No Schedule	
			Year	S			
		ump House				No	
Hoisting (S				No	Y 3 7 7
Civil Stru			Good			Poor	
Approacn	to Pur	np House	Good Fair Poor				
Dump Tree		Pump De	talis	т	h:-		The Market
Pump Typ				Tur		ie	
Pump Ma		ity (Cugae)			<u>SB</u> .5		
Rotationa		city (Cusec)		- 0	.၁ -		TO A STATE OF THE
Housing I				1	2		
Bore Dep		iles)			<u></u> 80		
Head (ft.)					00		
		ation Depth			50		
Paint of F	Pumnin	a Unit	Good	Fa	air	Poor	
Number	Gate '	•	0000		1	1 00.	
of Valves		Returning	1				E 10 13.
Base Plat	l		Ye	S		No	
		Mechanical E			tai		Charles !
		pacity (kVA)	, ,				JA BA
Sanctione		•					11 00
Motor Po				No N	1ot	or	
Motor Ma		-					1-18
MCU			Yes No				Harry.
	Earthing of Motor			S		No	and the same
Power Wi			Ye			No	
						-	ı



Asset Code:









	Integrated Dev	relopment ar	nd As	set Man	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asse	ssme	nt			Code: te: 02-05-2023					
Service Cable	able Yes No											
Earthing of MC	U	Yes		No								
Energy Meter		Yes		No								
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over												
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	eguirem	ents							
The tempor	ary non-function	nality of the	tube	well, du	e to the	motor unit unde	rgoing repair					
Data Collected I	By: Mr. Abdullah	Designation	n: Tea	am Memi	ber	Jud Sign & Date: 30	Sh May 2023					
Data Checked By: Mr. M. Fiaz Designation: Team Lead						Sign & Date: 30	hy					

		Integrated De	velopm	ent ar	nd .	Asset Mar	agement Plan (IDAMP)
		l	Municip	al Cor	nn	nittee Bah	awalnagar
Forn IDAMP		Asset Co	Tube W		SSI	ment	Asset (Dat
		Asset De	etail				Pictures
Name		7.0000		d Wah	Ne	ew # 07	1 10021 00
	Latitu	ıde		30.02			
Location	Longi	tude		73.26	568	361	
A .1 .1			Arifwa	la Ro	ad,	Ford wah	
Address	Address			ıl, Bah	nav	valnagar	
Area (Ma	rla)				1		
Working S	Status		Functi	onal	F	Non- unctional	Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna Lat 30.025071°
Installation	on Yea	r of Tube Well		20	05	j	Long 73.266861° Google 02/05/23 02:07 PM GMT +0
Installati	on Yea	r of Pump		20	05	;	
		Machinery					
Operation		•		(6		97
Delivery	Dia			6	5"		
Pipe	Mater	ial		M	1S		A STATE OF THE STA
Chlorinat	or		Ye	S		No	40
Chlorinat	Chlorination Schedule			Afte 6 Mon		No Schedule	
			V-	S		NI.	
		ump House	Ye			No	
Hoisting		Sandition.	Ye		.:	No	
Civil Stru			Good		air	Poor	
Approach	to Pui		Good	F	air	Poor	
Dumm Tur		Pump De	talis	Tur	hin		
Pump Typ					SB	ie	
Pump Ma		city (Cusos)			.5		
Rotationa		city (Cusec)			.5 .60	1	Stand A Base
Housing I					.2	<u>'</u>	
Bore Dep					<u></u> 80		
Head (ft.)					00		
		ation Depth			60		
Paint of F	Pumpin	a Unit	Good	F	air	Poor	4
Number	Gate	-	1				
of Valves		Returning			1		
Base Plat			Ye	S		No	The state of the s
		-Mechanical E			tai		
		pacity (kVA)	, , ,		25		
Sanction		•		14		2	
Motor Po					20		
Motor Ma				Sier		ns	A lendary D
MCU				S		No	
Earthing	of Moto	or	Ye			No	Comment of the second
Power Wi			Ye			No	
	7						1



Asset Code:







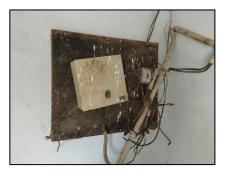


	Integrated Dev	relopment an	nd As	set Man	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar											
Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: te: 02-05-2023						
Service Cable		Yes		No								
Earthing of MC	Yes		No									
Energy Meter		Yes		No								
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over		Yes		No								
Overall Rating												
Average Score	1	2 3				4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В		C		D	E					
		Remarks	s / R	equirem	ents							
 No remarks 												
Data Collected B	By: Mr. Abdullah	Designation	n: Tea	am Memi	ber	Jul	Sh					
						Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation	n: Tea	am Lead		May	by					
						Sign & Date: 30	May 2023					

					_		
		Integrated De	velopm	ent ar	nd .	Asset Man	agement Plan (IDAMP)
		1	Municip	al Cor	nm	nittee Baha	awalnagar
Forn		Asset Co	Tube W		ızz	ment	Asset (
12711111		Asset Do		- 1000			Pictures
Name		ASSEL D		1 Wah	Nic	ew # 06	Fictures
	Latitu	ıde		30.02			
Location	Longi			73.26			
	Longitude					Ford wah	
Address						valnagar	
Area (Ma	Area (María)				1	,	
Working S	-		Functi	onal	F	Non- unctional	
Installation	on Yea	r of Tube Well		20	05	,	
		r of Pump			05		Bahawalnagar, Punjab, Pa Unnamed Road, Bahawalna
		Machinery					Lat 30.024316° Long 73.265964°
Operation		-		(0		Google 02/05/23 02:11 PM GMT +0
Delivery	Dia			6	5"		
Pipe	Mater	ial		M	1S		
Chlorinat	or		Ye	S		No	Harrison No.
Chlorinat	Chlorination Schedule			Afte 6 Mon		No Schedule	
Apron Ar	ound P	ump House	Ye	S		No	
Hoisting		•	Ye	S		No	
Civil Stru	cture (Condition	Good	Fá	air	Poor	
Approach	to Pur	np House	Good	Fa	air	Poor	
		Pump De	tails				
Pump Tyj	oe			Tur	bin	e	
Pump Ma	ke			K:	SB		The state of the s
Discharge	Capac	city (Cusec)		0	.5		
Rotationa	al Spee	d (RPM)		14	60		
Housing [Dia (inc	hes)		1	.2		
Bore Dep	th (ft.)			18	80		
Head (ft.)				20	00		
(ft.)	mpeller Installation Depth ft.)			1	0		
Paint of F			Good	-	air	Poor	au le
Number	Gate '				1		the state of the
of Valves	Non-F Valve	Returning			1		*
Base Plat			Ye			No	
		Mechanical E	quipmei	nt De	tail	s	The state of the s
		pacity (kVA)					
Sanction				No M	1ot	or	E SESTER
Motor Po		P)					In a section of
Motor Ma	ke		Van N.				
MCU			Ye			No	
Earthing		or	Ye			No	
Power Wi	ring		Ye	S		No	









	Integrated Dev	relopment ar	nd As	sset Man	agemer	t Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asse	ssme	ent			Code: te: 02-05-2023			
Service Cable		Yes		No						
Earthing of MC	U	Yes		No						
Energy Meter		Yes		No						
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		C		D	E			
		Remark	s/R	equirem	ents					
 The tempor 	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Memb					ber	Jul	Jh 			
Data Checked By: Mr. M. Fiaz Designation: Team Lead						Sign & Date: 30 Sign & Date: 30	by			

Pump Type Turbine 27C5+6W, Bahāwalnagar, Bah Lat 30.020364° Long 73.261173°			Integrated De	velopme	ent ar	nd .	Ass	et Man	agement	Plan (IDAMP)		
IDAMP-A1	, , , , , , , , , , , , , , , , , , ,											
Name			Asset Co			ızz	nen	t				
Name			Asset Do	etail						Pictures		
Location Latitude 30.020364 73.261173 Address Arifwala Road, Ford wah Canal, Bahawainagar Area (Marla) 1 Non-Functional Installation Year of Tube Well 2005 Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours Once After No Non-Returning Once After No Once On	Name		710000		l Wah	Ne	-w #	: 05		11000100		
Longitude T3.261173 Address Arifwala Road, Ford wah Canal, Bahawalnagar		Latitu	ıde									
Arifwala Road, Ford wah Canal, Bahawalnagar Area (Marla)	Location											
Address Canal, Bahawalnagar Area (Marla) 1				Arifwa	la Ro	ad.	For	d wah				
Area (Marla	Address											
Morking Status	Area (Ma	rla)				_						
Installation Year of Pump 2005 Capital Cost of Machinery Operational Hours 0 Delivery Dia 6" Pipe Material MS Chlorinator Yes No Chlorination Schedule	Working S	Status		Functi	onal	F						
Capital Cost of Machinery Operational Hours Delivery Pipe Dia	Installati	on Yea	r of Tube Well		20	05	;					
Operational Hours Delivery Dia	Installati	on Yea	r of Pump		20	05	;					
Operational Hours Delivery Dia	Capital C	ost of I	Machinery									
Delivery Pipe Material					(0						
Pipe Material					6	5"						
Chlorination Schedule Chlorination Schedule Apron Around Pump House Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No No No No No No No Schedule No No No No Babhavalnagar, Punjab, Pa 7/Co-24W, Balavalnagar, Punjab, Pa	-	Mater	ial		M	15						
Chlorination Schedule Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make RKSB Discharge Capacity (Cusec) Rotational Speed (RPM) Plousing Dia (inches) Pare Depth (ft.) Paint of Pumping Unit Non-Returning Valves Pase Plate Poor Non-Returning Valve Pase No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No	Chlorinat	or		Ye	s		N	١o				
Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (KVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Pist No No No No No No No No No Schedule No No No No No Schedule S				0	Afte	r						
Apron Around Pump House Yes No Civil Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No	Chlorinat	ian Cab	adula.		6			No				
Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Foor Rotational Speed (RPM) Fair Foor Number Gate Valve of Non-Returning Valves Pase Plate Yes No Rotational Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No No Poor No No No No No No No No No	Chiorinat	ion Sci	ieduie		Mon	th	Scl	hedule				
Hoisting Girder Civil Structure Condition Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Good Fair Poor Rotational Speed GRPM Housing Dia (inches) Bore Depth (ft.) Paint of Pumping Unit Good Fair Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Paint of Motor Yes No Fair Poor No Fair Poor No Fair Poor No Fair No No Motor No				i eai	S							
Civil Structure Condition Approach to Pump House Good Fair Poor Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Pump Details Turbine RKSB Discharge Capacity (Cusec) 0.5 Turbine KKSB D.5 Turbine KKSB D.5 Turbine KKSB D.5 Turbine Fair Poor Aproach to Pumping Unit Good Fair Poor No Fair Poo			ump House	Ye	S			10	Marie A			
Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Good Fair Foor Number of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Fump Type Turbine KSB Turbine KKSB Discharge Capacity (Cusec) 0.5 180 180 60 Fair Poor No Food Fair Poor No No Food Food No Food No Food Foo	Hoisting	Girder		Yes No								
Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 Non-Returning Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No Turbine Transformer KSB Transformer Capacity (kVA) Sanctioned Load (Kwh) No Motor Power (HP) Motor Make MCU Yes No Electro-Mechanical Full Poor No Paint of Pumping Unit Poor No	Civil Stru	cture (Condition									
Pump Type	Approach	to Pur										
Pump Type Pump Make Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Paint of Pumping Unit Gate Valve of Non-Returning Valves Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Fund Make KSB C0.5 C0.5			Pump De	tails						Bahāwalnagar, Puniab, Pa		
Pump Make KSB Discharge Capacity (Cusec) 0.5 Rotational Speed (RPM) - Housing Dia (inches) 12 Bore Depth (ft.) 180 Head (ft.) 200 Impeller Installation Depth (ft.) 60 Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 of Non-Returning Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No O.5 Lang 73.28:173° 02/05/23 02:19 PM GMT +0051 Paint 30.5 I No Lang 73.28:173° 02/05/23 02:19 PM GMT +0051 Poorling 73.28:173° 02/05/23 02:19 PM GMT +0051 No Lang 73.28:173° 02/05/23 02:19 PM GMT +0051 Poorling 73.28:173° 0					Tur	bin	e			27C5+6W, Bahāwalnagar, Baha		
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 Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Fair Poor No No No No No No No No No					K:	SB				Long 73.261173°		
Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve of Non-Returning Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor 12 180 180 180 180 180 180 180			•	0.5					300gle	102/05/23 02:19 PM GMT +05:0		
Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No												
Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number of Non-Returning Valve I Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No												
Impeller Installation Depth (ft.) Paint of Pumping Unit Good Fair Poor Number Gate Valve 1 of Non-Returning Valves Valve Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No												
Paint of Pumping Unit Good Fair Poor					2	00						
Number of Non-Returning Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No	(ft.)	•										
of Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No	Paint of F		-	Good	Fa	air		Poor				
Valves Valve 1 Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No						1						
Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No			•			1						
Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Yes No Earthing of Motor Yes No						-						
Transformer Capacity (kVA) Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Earthing of Motor No Motor No Motor No Motor			N4 - 4 - 4 =					10				
Sanctioned Load (Kwh) Motor Power (HP) Motor Make MCU Earthing of Motor No Motor No Motor No Motor				quipment Details								
Motor Power (HP) Motor Make MCU Earthing of Motor No Motor Yes No No		-	-									
Motor Power (HP) Motor Make MCU Earthing of Motor Yes No No				No Motor								
MCU Yes No Earthing of Motor Yes No			۲)	. The motor								
Earthing of Motor Yes No		ке		Voc. No.								
Power Wiring Yes No			or			No						
	Power Wi	ring		Ye	S		١	10				



	Integrated Dev	velopment ar	nd As	set Man	agemen	t Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment							Code: te: 02-05-2023			
Service Cable		Yes		No						
Earthing of MC	Earthing of MCU Yes No									
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over Yes No										
Average Score	1	2		3	;	4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C		D	E			
		Remark	s/R	equirem	ents					
 The tempor 	ary non-function	nality of the	tube	well, due	to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Member					ber	Jul	Sh			
							May 2023			
Data Checked By: Mr. M. Fiaz Designation: Team Lead						May	ky			
						Sign & Date: 30	May 2023			

		Integrated De	velopm	ent an	d .	Asset Man	agement Plan (IDAMP)					
	Municipal Committee Bahawalnagar											
Forn IDAMP		Asset Co	Tube W		ssr	ment	Asset (Dat					
		Asset De	etail				Pictures					
Name						ew # 04						
Location	Latitu			30.01								
Location	Longi	tude		73.25	81	.19						
Address						Ford wah						
Addiess			Cana	ıl, Bah	aw	/alnagar						
Area (Ma	rla)			1	L							
Working S	Status		Functi	ional		Non-	W 特里里里					
			Turicu			unctional	Bahāwalnagar, Punjab, Pa					
Installati	on Yea	r of Tube Well		20	05		2795+2MC, Bahāwalnagar, Bai Lat 30.018253°					
Installati	on Yea	r of Pump		20	05	1	Long 73.258119° 02/05/23 02:22 PM GMT +05:					
Capital C	ost of I	Machinery					300gle 02/05/23 02:22 PM GMT +05:					
Operation	nal Hou	rs		ϵ								
Delivery	Dia			6	"							
Pipe	Mater	ial		М	S							
Chlorinat	or		Ye	S		No						
			Once	Afte	r							
Chlorinat	ion Sch	adula .	in a	6		No						
Ciliorillat	ion sci	iedule	Year	Mont	:h	Schedule						
			\$									
-		ump House	Yes			No						
Hoisting			Yes			No						
Civil Stru	cture (Condition	Good Fair			Poor						
Approach	to Pur	mp House	Good	Fā	ir	Poor						
		Pump De	tails									
Pump Tyj	oe			Turl	oin	e	C					
Pump Ma	ke			KS	βB							
		city (Cusec)		0.								
Rotationa				14	60		**					
Housing [•		1	=							
Bore Dep	th (ft.)			18	30		A CONTRACTOR OF THE PROPERTY O					
Head (ft.)				20	00		· · · · · · · · · · · · · · · · · · ·					
Impeller (ft.)	Install	lation Depth		6	0		1					
Paint of F	umpin	g Unit	Good	Fa	ir	Poor						
Number	Gate '	Valve		1	L							
of	Non-F	Returning	1									
Valves	Valve	!										
Base Plat			Ye			No	Market Barrier					
		-Mechanical E	quipme			S						
		pacity (kVA)	25				The state of the s					
Sanction					9							
	Motor Power (HP)			2								
Motor Ma	Motor Make			Sien	ner	าร	1000					
MCU				S		No						
Earthing		or	Ye	s		No						
Power Wi	ring		Ye	S		No						









	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: Tube Well IDAMP-A1 Asset Condition Assessment						Code: te: 02-05-2023					
Service Cable	vice Cable Yes No										
Earthing of MC	Earthing of MCU Yes No										
Energy Meter		Yes		No							
Water Meter		Yes		No							
PFI Equipment		Yes		No							
Generator		Yes		No							
Change Over Yes No Overall Rating											
		1									
Average Score	1	2 3				4	5				
Asset	Excellent	Good		Fa	iir	Poor	Failing				
Condition											
Category	Α	В			3	D	E				
		Remarks	s/R	equirem	ents						
 No remarks 											
Data Collected B	Data Collected By: Mr. Abdullah Des				ber	Jul	Sh				
						Sign & Date: 30	May 2023				
Data Checked B	Designation	n: Te	am Lead		May	by					
						Sign & Date: 30	May 2023				

		Integrated De	velopmo	ent aı	nd .	Asset Man	agement Plan (IDAMP)
		I	Municip	al Coi	nn	nittee Baha	awalnagar
Forn IDAMP		Asset Co	Tube W		SSI	nent	Asset (Dat
		Asset Do	etail				Pictures
Name			For	d Wal	n 0	ld # 15	
Location	Latitu	ıde		30.0	182	229	
Location	Longi	tude		73.2	581	L17	
Address			Arifwa	la Ro	ad,	Ford wah	
Auuless			Cana	ıl, Bal	าลง	valnagar	
Area (Ma	rla)				1		
Working S	Status		Functi	onal	F	Non- unctional	
Installati	on Yea	r of Tube Well		19	84		
Installati	on Yea	r of Pump		19	84		
Capital C	ost of I	Machinery					
Operation	nal Hou	rs			0		
Delivery	Dia			ϵ	5"		
Pipe	Mater	ial		N	15		
Chlorinat	or		Ye	S		No	
Chlasiast	: C-1	a deda	Once	Afte	er	No	
Cniorinat	Chlorination Schedule			in a Year Month s			
Apron Ar	Apron Around Pump House			S		No	
Hoisting	Girder		Yes			No	
Civil Stru	cture (Condition	Good Fair			Poor	
Approach	to Pur	np House	Good	F	air	Poor	
		Pump De	tails				
Pump Ty	pe			Tur	bin	е	Bahāwalnagar, Punjab, P. 2795+2MC, Bahāwalnagar, Ba
Pump Ma	ke			PE	CC)	Lat 30.018229° Long 73.258117°
Discharge	e Capac	city (Cusec)		0	.5		Google 02/05/23 02:26 PM GMT +05:
Rotationa	al Spee	d (RPM)			-		
Housing I	Dia (inc	thes)		1	.2		
Bore Dep	th (ft.)			1	80		
Head (ft.))			2	00		
Impeller (ft.)	Install	lation Depth		6	50		
Paint of F	Pumpin	g Unit	Good	F	air	Poor	
Number	Gate	Valve			1		
of Valves	Non-F Valve	Returning			1		
Base Plat	e		Ye	s		No	
E	lectro-	Mechanical E	quipme	nt De	tail	ls	
Transform	ner Ca	pacity (kVA)					
Sanction	ed Load	l (Kwh)	No Mar	tor 0	т	neformer	
Motor Po	wer (H	P)	No Motor & Transformer				
Motor Make							
мси				S		No	
Earthing	of Mot	or	Ye	s		No	
Power Wi			Ye	S		No	
-	•				•		•



	Integrated Dev	relopment ar	nd As	sset Man	agemer	nt Plan (IDAMP)				
Municipal Committee Bahawalnagar										
Form: Tube Well IDAMP-A1 Asset Condition Assessment					Asset Da	Code: te: 02-05-2023				
Service Cable	·	Yes		No						
Earthing of MC	thing of MCU Yes No									
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over Yes No										
Average Score	1	2		3	3	4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C	2	D	E			
		Remark	s/R	equirem	ents					
 The tempor 	ary non-function	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Member						Sign & Pater 30	Sh May 2022			
Data Checked By: Mr. M. Fiaz Designation: Team Lead					Sign & Date: 30 Sign & Date: 30	hy				

		Integrated De	velopm	ent an	d A	Asset Man	agement Plan (IDAMP)
		1	Municip	al Con	nm	ittee Baha	awalnagar
Forn IDAMP		Asset Co	Tube W		ssr	ment	Asset (Dat
		Asset Do	etail				Pictures
Name						ld # 14	
Location	Latitu			30.01			
	Longi	tude		73.25			
Address						Ford wah	
Area (Ma	-1->		Cana	ıı, Ban	aw	<i>r</i> alnagar	
Area (Ma	ria)					Non-	
Working S	Status		Functi	ional	F	unctional	
Installati	on Yea	r of Tube Well		19			
		r of Pump		19			
		Machinery					
Operation		•		()		
Delivery	Dia			6	"		
Pipe	Mater	ial		М	S		
Chlorinat	or		Ye	s		No	
			Once	Afte	r		
Chlorinat	ion Sch	redule	in a	6		No	
Cilior illation Schedule			Year	Mont	:h	Schedule	
Apron Around Pump House			Yes			No	District to the second
Hoisting		ump nouse	Yes No			No No	
Civil Stru		Condition	Good Fair			Poor	
Approach			Good	Fa		Poor	
Арргодск	i to i di	Pump De		1 10		1 001	
Pump Ty	pe	i dinp 20	tuns	Turi	oin	e	Bahāwalnagar, Punjab, Po 2784+MGJ, District Council, Bahaw
Pump Ma				PE			Bahawalnagar, Punjab, Pakistan Lat 30.017338°
		city (Cusec)		0.			Google Long 73.255186° 02/05/23 02:29 PM GMT +05:00
Rotationa		_					
Housing I				1	2		
Bore Dep	th (ft.)			18	30		
Head (ft.))			20	00		
Impeller (ft.)	Install	ation Depth		6	0		
Paint of F		•	Good	Fa	ir	Poor	
Number	Gate	Valve		1	L		
of		Returning		1			
Valves	Valve						
Base Plat			Ye			No	
		Mechanical E	quipmei	nt Det	ail	S	
		pacity (kVA)					
Sanction			No Motor & Transformer			ansformer	
Motor Po		F)					
	Motor Make MCU			_		No	
	Earthing of Motor			S		No	
Power Wi		וע	Ye Ye			No	
rower WI	ııııy		re	3		INU	I



	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: Tube Well IDAMP-A1 Asset Condition Assessment					Asset Da	Code: te: 02-05-2023					
Service Cable		Yes		No							
Earthing of MC	arthing of MCU Yes No										
Energy Meter		Yes		No							
Water Meter		Yes		No							
PFI Equipment		Yes		No							
Generator		Yes		No							
Change Over											
Average Score	1	2		(3)	3	4	5				
Asset	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В			2	D	Е				
		Remark	s/R	eguirem	ents						
The tempor	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair				
Data Collected By: Mr. Abdullah Designation: Team Member						Jud Sign & Date: 30	Sh				
Data Checked By: Mr. M. Fiaz Designation: Team Lead					Sign & Date: 30	hy					

		Integrated De	volonm	ant ar	od /	scot Ma	nagement Plan (IDAMP)
		l	Municip	al Cor	nm	ittee Bah	awalnagar
Forn			Tube W				Asset (
IDAMP	'-A1	Asset Co		Asse	ssn	nent	Dat
		Asset De					Pictures
Name						d # 13	
Location	Latitu			30.01 73.25			
	Longi	tude	∧ rifw ⊃			<u>∠o</u> Ford wah	
Address						alnagar	
Area (Ma	rla)				1	uaga.	
Working S				Aban		ed	
		r of Tube Well					
		r of Pump					
		Machinery					
Operation	nal Hou	rs					
Delivery	Dia						
Pipe	Mater	ial					
Chlorinat	or		Ye	S		No	
			Once	Afte	er		
Chlorinat	ion Sch	nedule	in a	6		No Schedule	
					ear Month		
Apron Ar	Apron Around Pump House					No	
Hoisting		, , , , , , , , , , , , , , , , , , , ,				No	
Civil Stru	cture (Condition	Good Fair Po			Poor	
Approach	to Pur	np House	Good	Fa	air	Poor	
		Pump De	tails				
Pump Tyj	pe						Bahawalnagar, Punjab, Pa
Pump Ma							Unnamed Road, Bahawalna Lat 30.01756°
	-	city (Cusec)					Long 73.253428°
Rotationa							02/05/23 02:31 PM GMT +0
Housing I		hes)					
Bore Dep							
Head (ft.)							
(ft.)	ınstall	ation Depth					
Paint of F	Pumnin	a Unit	Good	F	air	Poor	
Number	Gate '	•	0000		411	1 001	
of		Returning					
Valves	Valve	-					
Base Plat	Ye	S		No			
E	quipme	nt De	tails	S			
		pacity (kVA)					
	Sanctioned Load (Kwh)						
	Motor Power (HP)						
	Motor Make						_
MCU				Yes No			_
	Earthing of Motor			Yes No			_
Power Wi			Ye			No	
Service C	able		Ye	S		No	_



Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Asses	Asset Da	Code: te: 02-05-2023					
Earthing of MC	U	Yes		No					
Energy Meter		Yes		No					
Water Meter		Yes		No					
PFI Equipment		Yes		No					
Generator		Yes		No					
Change Over Yes No									
		Ove	erall l	Rating		1			
Average Score	1	2 3				4	5		
Asset Condition	Excellent	Good		Fa	ir	Poor	Failing		
Category	Α	В		C		D	E		
<i>5</i>		Remarks	s / Re	quirem	ents				
No remarks	<u> </u>								
Data Collected By: Mr. Abdullah Designation: Team Member					Sign & Date: 30				
Data Checked By: Mr. M. Fiaz Designation: Team Lead					M Jufy Sign & Date: 30	by			

		Integrated De	velonm	ont ar	ad /	\ c c c	t Man	agement	· Plan ((IDAMP)	
										(IDAMP)	
		l	Municip	al Cor	nm	itte	e Baha	awalnaga	ır		
Forn		Asset Co	Tube W				Asset C				
IDAMP	-AI			ASSE	SSII	nent				Dat	
Name		Asset Do		d Wah	. 01	4 H	12			Pictures	
Name	Latitu	ıde		30.01	_		12				
Location	Longi			73.25							
	1 -						d wah	1			
Address				ıl, Bal							
Area (Ma					1						
Working S				Aban	dor	ed					
		r of Tube Well									
		r of Pump									
		Machinery						-			
Operation	1	rs						-			
Delivery	Dia	1									
Pipe Chlorinat	Mater	iai	Ye		l	N	^				
Ciliorillat	OI .		10	s Afte	l ar	IN	0				
			Once	6	. '	ı	No				
Chlorinat	ion Sch	nedule	in a Year	Mon	th	Schedule					
Apron Ar	ound P	ump House	Yes			N	0				
Hoisting (Yes No			0		112			
Civil Stru						Poor					
Approach	to Pur	np House	Good Fair Poor								
_		Pump De	etails								
Pump Typ										nagar, Punjab, Pa	
Pump Ma		:::(C							Lat 30.017		
Rotationa	-	city (Cusec)						Google	Long 73.25 02/05/23 0	33071° 02:31 PM GMT +05:00	
Housing [SA MARINE	The second	CONTRACT CONTRACT		
Bore Dep		1103)									
Head (ft.)											
		ation Depth						1			
(ft.)		•									
Paint of F	umpin	g Unit	Good	Fa	air	F	Poor				
Number	Gate '	Valve									
of		Returning									
Valves	Valve			1			-				
Base Plat	Ye		L -: 1.	N	0						
		Mechanical E	quipinel	וו שפי	ıdli	3		-			
	Transformer Capacity (kVA) Sanctioned Load (Kwh)										
	Motor Power (HP)							1			
	Motor Make						-				
	MCU			Yes No			1				
	Earthing of Motor			Yes No			1				
	Power Wiring				Yes			No			
Service C			Ye	S		N	0				



	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	Asset Cor		Code: te: 02-05-2023							
Earthing of MC	Ú	Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over										
		Ove	erall Ratin	g						
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	Α	В		С	D	Е				
5 7		Remarks	/ Require	ments						
 No remarks 	<u> </u>									
Data Collected By: Mr. Abdullah Designation: Team				mber	Jul					
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation	: Team Lea	ad	May	by				
					Sign & Date: 30	May 2023				

		Integrated De	velopm	ent ar	nd /	As	set Man	agement Plan (IDAMP)
		ı	Municip	al Coi	nm	it	tee Baha	awalnagar
Forn		Asset (
		Asset De	etail			_		Pictures
Name		ASSEL		d Wah	1 OI	ld	# 11	1 letales
	Latitu	ıde		30.0				
Location	Longi			73.25				
	<u> </u>					-	ord wah	
Address							Inagar	
Area (Ma	rla)				1			
Working S				Aban	dor	ne	d	
		r of Tube Well					·	
		r of Pump						
		Machinery						
Operation		•						
Delivery	Dia							
Pipe	Mater	ial						
Chlorinat			Ye	s			No	
-	-			Afte	r			
			Once	6			No	
Chlorinat	ion Scr	redule	in a	Mon	th	Schedule		
	Year	S						
Apron Ar	Ye			No				
Hoisting (Girder		Yes				No	
Civil Stru	cture (Condition	Good Fair Poor					
Approach	to Pur	np House	Good Fair Poor					Z no
		Pump De						多发验和
Pump Typ	oe							Bahāwalnagar, Punjab, Pa
Pump Ma	ke							2782+G2G, Arifwala Rd, Bahāwalna
Discharge	Capac	city (Cusec)						Lat 30.016867° Long 73.250491°
Rotationa	I Spee	d (RPM)						500gle 02/05/23 02:32 PM GMT +05:00
Housing [Dia (inc	hes)						
Bore Dep	th (ft.)							
Head (ft.))							
Impeller	Install	ation Depth						
(ft.)						-		
Paint of F	umpin	g Unit	Good	F	air		Poor	
Number	Gate							
of		Returning						
Valves								
Base Plat	Ye				No			
		Mechanical E	quipme	nt De	tail	S		
		pacity (kVA)						
	Sanctioned Load (Kwh)							
Motor Power (HP)								
	Motor Make							
MCU				Yes No				
Earthing of Motor			Yes			No		
Power Wi	•	Ye				No		
Service C	able		Ye	S			No	



	Integrated Dev	relopment an	nd As	set Man	agemer	nt Plan (IDAMP)			
Municipal Committee Bahawalnagar									
Form: IDAMP-A1		Tube Well ndition Asses	ssme	nt		Asset Code: Date: 02-05-2023			
Earthing of MC	U	Yes		No					
Energy Meter	nergy 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	2 3			4	5		
Asset	Excellent	Good		Fa	iir	Poor	Failing		
Condition									
Category	Α	В				D	Е		
		Remarks	s / R	equirem	ents				
 No remarks 						1			
Data Collected I	By: Mr. Abdullah	Designation	esignation: Team Member			Julsh Sign & Date: 30 May 2023			
Data Checked B	Designation	Designation: Team Lead				Sign & Date: 30 May 2023			

		Integrated De	velopmo	ent a	nd	Asset Mar	agement Plan (ID	
		ı	Municip	al Co	mn	nittee Bah	awalnagar	
	Form: Tube Well IDAMP-A1 Asset Condition Assessment							
	/ \ _	Asset De		71330	<u> </u>	110110	P	
Name		Asset De		inia (`an	al # 01	F 1	
	Latitu	ıde		29.9			-	
I ocation -	Longi			73.39	_		-	
· · · · · · · · · · · · · · · · · · ·				adiqi				
Address				ahaw				
Area (Marl	a)				1		1	
Working St				Aban	do	ned		
		of Tube Well						
Installation							1	
Capital Cos		,						
Operationa		•						
	Dia						12 17 12 12 12 12 12 12	
	Mater	ial						
Chlorinato	r		Ye	s		No		
				Afte	er			
Chloringtic	n C-4	odulo	Once	6		No		
Chlorinatio	on SCN	ledule	in a Year	Mon	th	Schedule		
			i edi	S				
Apron Aro	und P	ump House	Ye	s		No		
Hoisting G	irder		Ye	s		No		
Civil Struc	ture C	Condition	Good	F	air	Poor	204	
Approach t	to Pur		Good	F	air	Poor	A Marine	
		Pump De	tails				Bahāwalı	
Pump Type	e						Pulfordwah, Punjab, Paki:	
Pump Mak							Lat 30.01756 Long 73.250	
		ity (Cusec)					Google 02/05/23 02	
Rotational	_							
Housing Di		hes)						
Bore Depti	h (ft.)							
Head (ft.)								
Impeller I (ft.)	nstall	ation Depth					15	
Paint of Pu	umpin	g Unit	Good	F	air	Poor		
Number	Gate \	Valve						
of	Non-F	Returning						
Valves	Valve	-					A DESCRIPTION OF THE PERSON OF	
Base Plate			Ye	s		No		
El	ectro-	Mechanical E	quipme	nt De	tai	ls		
Transform	er Cap	pacity (kVA)						
Sanctioned	d Load	l (Kwh)					_	
Motor Pow	er (HI	P)						
Motor Mak	e							
MCU			Ye	s		No	_	
Earthing o	f Moto	or	Ye	S		No		
Power Wiri	ing		Ye	S		No		
			Ye		1	No		





	Integrated Development and Asset Management Plan (IDAMP)									
	N	Municipal Cor	nmit	tee Baha	awalnag	ar				
Form: IDAMP-A1		Tube Well	ssme	ent		Asset Code: Date: 02-05-2023				
Earthing of MC	U	Yes		No						
Energy Meter		Yes	Yes No							
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over		Yes		No						
		I	erall	Rating		1				
Average Score	1	2		3		4	5			
Asset Condition	Excellent	Good		Fa	iir	Poor	Failing			
Category	А	В		(2	D	E			
		Remark	s/R	equirem	ents					
No remarks										
Data Collected I	Designation: Team Member			ber	Juldh Sign & Date: 30 May 2023					
Data Checked B	ey: Mr. M. Fiaz	Designation: Team Lead				Sign & Date: 30 May 2023				

						A (-)-t	_		
		Integrated De	velopme	ent ar	I	ASSET M	an		
		l	Municipal Committee Baha						
Forn			Tube Well						
IDAMP	-A1	Asset Co	ondition Assessment						
	Asset D			etail					
Name	1					al # 02			
Location	ocation Latitude			29.94					
	Longi	tude		73.39					
Address	Address			adiqia ahaw					
Area (Ma	rla)				1	iagai			
					_	Non-			
Working S	status		Functi	onal	_ F	unction	al		
Installation	on Yea	r of Tube Well		20	10)			
Installati	on Yea	r of Pump		20	10)			
Capital C	ost of I	Machinery							
Operation	nal Hou	rs			5				
Delivery	Dia				<u>''</u>				
Pipe	Mater	ial			IS				
Chlorinat	or		Ye		_	No			
			Once	Afte 6	r	No			
Chlorinat	ion Sch	edule	in a	Mon	th	Schedu	le		
			Year	S	•	00044			
Apron Ar	ound P	ump House	Ye	S	•	No			
Hoisting	Girder		Ye	S		No			
Civil Stru	cture (Condition	Good	Fá	air	Poor	<u> </u>		
Approach	to Pur	np House	Good Fair Poor						
		Pump De	tails						
Pump Tyj			Turbine						
Pump Ma				Flov		ak			
•	-	city (Cusec)	0.5						
Rotationa				14)			
Housing I Bore Dep		iies)			2 30				
Head (ft.)					30 30				
		ation Depth							
(ft.)	stall	ation Deptil		6	0				
Paint of F	umpin	g Unit	Good	Fá	air	Poor	٢		
Number	Gate '	_		-	1				
of	Non-F	Returning			1				
Valves	Valve	-							
	Base Plate			S		No			
Electro-Mechanical E		quipmer			ls				
	Transformer Capacity (kVA)				5				
	Sanctioned Load (Kwh)			18)			
	Motor Power (HP)		25						
Motor Ma	ке		· V-	Sien	nei				
MCU	of 14-4-	-	Ye			No			
Earthing Bower Wi		Dr .	Ye			No No			
Power Wi	ring		Ye	S		No			









	Integrated Dev	elopment an	d Asset Ma	nagemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	ssment		Asset Code: Date: 02-05-2023						
Service Cable		Yes	No								
Earthing of MC	U	Yes	No								
Energy Meter		Yes	No								
Water Meter		Yes	No								
PFI Equipment		Yes	No								
Generator		Yes	No								
Change Over		Yes	No								
	Overall Rating										
Average Score	1	2		3	4	5					
Asset	Excellent	Good	F	air	Poor	Failing					
Condition											
Category	Α	В		С	D	E					
		Remarks	/ Requirer	nents							
 No remarks 											
Data Collected E	By: Mr. Abdullah	Designation: Team Member			butch						
					Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Wanthar						
					Sign & Date: 30	May 2023					

		Integrated De	velopme	ent an	ıd.	Asset Mar	agement	Plan (IDAI
		ı	Municipa	al Con	nn	nittee Bah	awalnagar	•
Forn		Asset Co	Tube W		SSI		As	
		Asset De						Pict
Name				igia C	an	al # 03		1 10
	Latitu	ıde		29.94			1	
Location	Longi			73.39			1	
	<u> </u>			adigia			1	
Address				ahawa		•		
Area (Ma	rla)				L	-	Ī [1
			Fun of:	onal		Non-		1
Working S	otatus —		Functi	onai	F	unctional		1
Installatio	on Yea	r of Tube Well		20	10)		1
Installatio	on Yea	r of Pump		20	10)		1 10
Capital C	ost of I	Machinery						A
Operation	nal Hou	rs		6	5			
Delivery	Dia			6	"			
Pipe	Mater	ial		М	S			THE STATE OF
Chlorinat	or		Ye	s		No		
			Once	Afte	r			
Chlorinat	ion Saf	nedule	Once 6			No		ACT OF REAL PROPERTY.
	ion act	icuuic	Year	Mont	th	Schedule		
				S				
		ump House	Ye			No		
Hoisting (Ye	_		No		
Civil Stru			Good Fair Poor					
Approach	to Pu		Good	Fa	air	Poor		
_		Pump De	tails					
Pump Typ				Turl				
Pump Ma				Flow		ak		
		city (Cusec)			.5			
Rotationa				14				
Housing [2		"	
Bore Dep					30			A SUPPLEMENT OF THE PARTY OF TH
Head (ft.)				20	00			1494
Impeller (ft.)	Install	lation Depth			0			
Paint of F	Pumpin	g Unit	Good	Fa	air	Poor		
Number	Gate			1	L			
of		Returning	1					1
Valves	Valve	!			_		A 74 18	
Base Plat			Ye			No		14
		-Mechanical E	quipmer			ls		
		pacity (kVA)			5			100-00
Sanctione			18.65				1	
Motor Po		P)			5]		
Motor Ma				Sien]			
MCU			Yes No					
Earthing		or	Ye			No		
Power Wi	ring		Ye	S		No]	







	Integrated Dev	elopment an	d Asset Mar	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	sment			Code: te: 02-05-2023					
Service Cable		Yes	No								
Earthing of MC	U	Yes	No								
Energy Meter		Yes	No								
Water Meter		Yes	No								
PFI Equipment		Yes	No								
Generator		Yes	No								
Change Over		Yes	No								
	Overall Rating										
Average Score	1	2	3	3	4	5					
Asset	Excellent	Good	Fa	air	Poor	Failing					
Condition											
Category	Α	В			D	E					
		Remarks	/ Requirem	ents							
 No remarks 											
Data Collected B	By: Mr. Abdullah	Designation	: Team Mem	ber	Jutop						
					Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Maypy						
					Sign & Date: 30	May 2023					

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



Asset Code:







	Integrated Dev	elopment and	d Asset Man	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	sment		Asset Code: Date: 02-05-2023						
Service Cable		Yes	No								
Earthing of MC	U	Yes	No								
Energy Meter		Yes	No								
Water Meter		Yes	No								
PFI Equipment		Yes	No								
Generator		Yes	No								
Change Over		Yes	No								
	Overall Rating										
Average Score	1	2	3	3	4	5					
Asset	Excellent	Good	Fa	ir	Poor	Failing					
Condition											
Category	Α	В	C		D	E					
		Remarks	/ Requirem	ents							
 No remarks 											
Data Collected E	By: Mr. Abdullah	Designation.	: Team Memi	ber	Jul	Sh					
					Sign & Date: 30 May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation.	: Team Lead		Maypy						
					Sign & Date: 30	May 2023					

		Integrated De	velopme	ent an	d A	Asset Mar		
		ı	Municipa	al Con	nm	ittee Bah		
Form IDAMP		Asset Co		· ·	sn	nent		
<u> </u>		Asset De				1 11 0 5		
Name			Sadiqia Canal # 05					
Location	ocation Latitude			29.94				
	Longitude			73.39				
Address	Address			adiqia				
A (14	-1->		В	ahawa	IIN	agar		
Area (Mai	ria)			L		Man		
Working S	Status		Functi	onal	_	Non- unctional		
Inctallati	an Vac	of Tube Wall		20				
		r of Tube Well		20				
		r of Pump		20	τO			
•		Machinery						
Operation	Dia	13		6				
Delivery Pipe	Mater	rial						
Chlorinate		101	Ye	M	၁ ၂	No		
Ciliorinat	UI		r e	s Afte	- T	INU		
			Once	6		No		
Chlorinati	ion Sch	nedule	in a	Mont	h	Schedule		
			Year	S		,		
Apron Ar	ound P	ump House	Ye	S		No		
Hoisting (,	Ye			No		
Civil Stru		Condition	Good	Fa	ir	Poor		
Approach			Good	Fa	ir	Poor		
		Pump De	tails	•				
Pump Typ	oe .			Turb	ine	e		
Pump Ma				Flow				
Discharge	Capac	ity (Cusec)		0.				
Rotationa				14				
Housing [•			12				
Bore Dept				13	0			
Head (ft.)				20				
Impeller (ft.)		ation Depth		6				
Paint of F	umpin	g Unit	Good	Fa	ir	Poor		
Number	Gate '	Valve		1				
of	Non-F	Returning		1				
Valves	Valve							
Base Plat	e		Ye	S		No		
E	lectro-	Mechanical E	quipmer	nt Det	ail	s		
Transforn	ner Caj	pacity (kVA)		2	5			
Sanctione	sanctioned Load (Kwh)			18.	65			
Motor Po	wer (HI	P)		2:	5			
Motor Ma	lotor Make		Siemens					
MCU			Yes No					
Earthing	of Moto	or	Ye	s		No		
	ring		Ye			No		

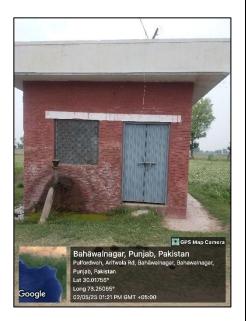






	Integrated Dev	elopment an	d Asset Man	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asses	sment			Code: te: 02-05-2023					
Service Cable		Yes	No								
Earthing of MC	U	Yes	No								
Energy Meter		Yes	No								
Water Meter		Yes	No								
PFI Equipment		Yes	No								
Generator		Yes	No								
Change Over		Yes	No								
	Overall Rating										
Average Score	1	2	3		4	5					
Asset	Excellent	Good	Fa	air	Poor	Failing					
Condition											
Category	Α	В	(D	E					
		Remarks	/ Requirem	ents							
 No remarks 											
Data Collected B	By: Mr. Abdullah	Designation: Team Member			Juloh						
					Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead			Mayby						
					Sign & Date: 30	May 2023					

		Integrated De	velopmo	ent ar	nd .	Asset Man	agement Plan (IDAMP)
		l	Municip	al Cor	nm	nittee Baha	awalnagar
Forn IDAMP		Asset Co	Tube W		ssi	nent	Asset (Da
		Asset Do					Pictures
Name						al # 06	
Location	Latitu			29.94			
Location	Longi	tude		73.39	981	L53	
Address				adiqia			
			В	ahaw	aln	agar	
Area (Ma	rla)				1		
Working S	Status		Functi	onal	F	Non- unctional	
Installati	on Yea	r of Tube Well		20	10)	
Installati	on Yea	r of Pump		20	10)	
Capital C	ost of I	Machinery					
Operation	nal Hou	rs		()		The Part of the Pa
Delivery	Dia			6	<u>''</u>		
Pipe	Mater	ial		M	IS		
Chlorinat	or		Ye	S		No	
			0	Afte	r		
Chlorinat	ion Cob	a dula	Once	6		No	
Chiorinat	ion Sci	iedule	in a Year	Mon	th	Schedule	
			S				
Apron Ar	ound P	ump House	Ye	S		No	
Hoisting	Girder		Yes			No	
Civil Stru	cture (Condition	Good Fair			Poor	
Approach	to Pur	np House	Good	Fá	air	Poor	Bahāwalnagar, Punja
		Pump De	tails				Pulfordwah, Arifwala Rd, Bah Punjab, Pakistan
Pump Ty	pe			Tur	bin	e	Lat 30.01756° Long 73.25065°
Pump Ma	ke			Flov	vpa	ak	Google 02/05/23 01:21 PM GMT +05
Discharge	e Capac	city (Cusec)		0	.5		
Rotationa	al Spee	d (RPM)			-		
Housing I	Dia (inc	hes)		1	2		
Bore Dep	th (ft.)			1:	30		
Head (ft.))			20	00		
Impeller (ft.)	Install	lation Depth		6	0		
Paint of F	umpin	g Unit	Good	Fá	air	Poor	
Number	Gate '	Valve			1		
of	Non-F	Returning					
Valves	Valves Valve				1		
Base Plat	te		Ye	S		No	
E	Electro-	Mechanical E	quipme	nt Def	tail	ls	
Transform	ner Caj	pacity (kVA)					
Sanction	ed Load	(Kwh)		No.4	101	or	
Motor Po	Motor Power (HP)			No M	זטנ	UI	
Motor Ma							
MCU			Yes No				
Earthing	of Moto	or	Ye			No	
Power Wi			Ye			No	
1							





	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar										
Form: IDAMP-A1		Tube Well ndition Asse	ssme	ent		Asset Da	Code: te: 02-05-2023				
Service Cable		Yes		No							
Earthing of MC	U	Yes		No							
Energy Meter		Yes		No							
Water Meter		Yes		No							
PFI Equipment		Yes		No							
Generator		Yes		No							
Change Over		Yes		No							
Overall Rating											
Average Score	1	2		3	3	4	5				
Asset	Excellent	Good		Fa	ir	Poor	Failing				
Condition											
Category	Α	В		C	2	D	Е				
		Remark	s/R	equirem	ents						
• The tempor	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair				
Data Collected E	By: Mr. Abdullah	Designation: Team Member				Jutop					
				Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation: Team Lead				Mayby					
						Sign & Date: 30	May 2023				

		Integrated De	velopme	ent an	ıd /	Asset Man	agement l	Plan (ID
		1	Municipa Municipa	al Cor	nm	ittee Baha	awalnagar	
Form		Accest Co	Tube W			-		
IDAMP-	-A1	Asset Co		Asses	SSN	nent	ı	
Marra		Asset De		iaia C		-1 # 07		Pi
Name	1 -4:4-	ıdo				al # 07	-	
Location	Latitu			29.94			-	
	Longi	tuae		73.39			-	
Address				adiqia ahawa				
Area (Mar	·la\		В		<u>анн</u> 1	ayaı	-	
				Ī	L	Non-	1/4	
Working S	tatus		Functi	onal	F	unctional		
Installatio	n Ves	r of Tube Well		20				
Installatio		0 0.0		20				
		Machinery			10			
Operation				(<u> </u>		-	
Delivery	Dia	13			<i>.</i> ''		in Strain	
Pipe	Mater	rial		0 M				of the same
Chlorinato		101	Ye		J	No		110
	<i>/</i> 1		1 6	s Afte	r	NU		
			Once	6	•	No	74 L	
Chlorinati	Chlorination Schedule		in a	Mont	h	Schedule		- 3
			Year	S		50	A Draw	- 12
Apron Arc	ound P	ump House	Ye	S		No		Bahāwalr
Hoisting (,	Ye			No		Pulfordwah, Punjab, Pakis
Civil Structure Condition			Good		air	Poor	2	Lat 30.01756 Long 73.250
Approach			Good Fair Poor			Google	02/05/23 01	
		Pump De	tails					
Pump Typ	e	,		Turl	bin	e		
Pump Mak			Flowpak					
•		city (Cusec)			.5		3	
Rotationa					-		-	100
Housing D				1	2		37	
Bore Dept	•			13	30			7.
Head (ft.)					00			5
	Install	ation Depth						
(ft.)				6	0		1	
Paint of P	umpin	g Unit	Good	Fa	air	Poor		M
Number	Gate '	Valve			1			Mary Comment
of	Non-F	Returning		-	1			
Valves	Valve		1			100		
Base Plat	Ye	-		No	Simo	Bahāwalr Pulfordwah,		
E	lectro-	Mechanical E	quipmer	nt Det	ail	S		Punjab, Pakis Lat 30.01756
Transform	ner Ca	pacity (kVA)					Google	Long 73.250 02/05/23 01:
Sanctioned Load (Kwh)		No Motor 9 transformer			nsformer			
Motor Power (HP)		No Motor & transformer						
Motor Make								
MCU			Yes			No		
MCO	Earthing of Motor			Yes			I	
	of Moto	or	Ye	S		No		





Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form: IDAMP-A1					Asset Da	Code: te: 02-05-2023				
Service Cable		Yes		No						
Earthing of MC	U	Yes		No						
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over	Yes		No							
Overall Rating										
Average Score	1	2		3	3	4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C	2	D	Е			
		Remark	s/R	equirem	ents					
• The tempor	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Membe					ber					
						Sign & Date: 30	May 2023			
Data Checked B	Designation	Designation: Team Lead			Mayfay					
						Sign & Date: 30	May 2023			

		Integrated De	velopme	ent an	nd /	Asset Mar				
	Municipal Committee Bah									
Form IDAMP	Tube Well andition Assessment									
Name Asset De			Sadigia Canal # 08							
IVallie	. Latitude			29.94						
Location	Longi			73.39						
	Longi	tuue		adiqia	_					
Address				auiyid ahaw						
Area (Mai	rla)				<u>a III</u> L	ayaı				
Working S			Functi			Non- unctional				
Installatio	on Yea	r of Tube Well		20	10					
Installatio	on Yea	r of Pump		20						
		Machinery								
Operation				6	5					
Delivery	Dia				,''					
Pipe	Mater	ial		М	S					
Chlorinate			Ye			No				
	Chlorination Schedule		Once in a Year	Afte 6 Mont		No Schedule				
Apron Ar	ound P	ump House	Ye	s s		No				
Hoisting (anip mouse	Ye			No				
Civil Stru		Condition	Good Fair Poor							
Approach			Good Fair Poor							
Approach	to Ful	Pump De		ГС	a 1	FUUI				
Pump Typ	10	Fullip De	tails	Tur	hin	Δ				
Pump Mai										
		sity (Cusas)		Flov		ın				
		city (Cusec)			<u>.5</u>					
Rotationa										
Housing D					2					
Bore Dept					30					
Head (ft.) Impeller (ft.)		ation Depth			0 0					
Paint of F	Pumnin	a Unit	Good	Fa	air	Poor				
Number	Gate	-	0000	-	<u></u> L	1 001				
of		Returning		-	<u> </u>					
Valves	Valve	-	1							
Base Plat			Ye	ς		No				
		-Mechanical E			ail					
			quipillel	561	, uii	-				
Transformer Capacity (kVA) Sanctioned Load (Kwh)										
Motor Power (HP)		No Mo	tor &	Tra	ansformer					
		- ,								
Motor Ma	nt .		. Va			Na				
MCU	-		Ye			No				
Earthing		or	Ye			No				
Power Wi	ring		Ye	S		No				





Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				Asset Da	Code: te: 02-05-2023				
Service Cable	Service Cable			No						
Earthing of MC	U	Yes		No						
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over		Yes		No						
Overall Rating										
Average Score	1	2		3	3	4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C	2	D	Е			
		Remark	s/R	equirem	ents					
 The tempor 	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair			
Data Collected By: Mr. Abdullah Designation: Team Mem				am Memi	ber Jufoh					
						Sign & Date: 30	May 2023			
Data Checked B	Designation	Designation: Team Lead			Mayby					
						Sign & Date: 30	May 2023			

		Integrated De	velopme	ent an	d A	Asset M	ana
			Municipa	al Con	nm	ittee Ba	ha
Form IDAMP	Asset Co	Tube Well andition Assessment					
		Asset De					
Name	1		Sad	iqia C	an	al # 09	
Location	Latitu		29.94	86	97		
	Longi	tude		73.39	_		
Address				adiqia			
			В	ahawa		agar	
Area (Mai	rla)				<u> </u>		
Working S	Status		Functi			Non- unctiona	al
		r of Tube Well		20			
		r of Pump		20	10		
		Machinery					
Operation		rs		(
Delivery	Dia			6	"		
Pipe	Mater	rial		М	S		
Chlorinate	or		Ye			No	
			Once	Afte	r		
Chlorinati	ion Sch	nedule	in a	6	. [-	No	اءا
			Year	Mont	n	Schedu	ie
Apron Ar	ound P	ump House	Ye	S S		No	
Hoisting (p	Ye			No	
Civil Stru		Condition	Good	Fa	ir	Poor	-
Approach			Good Fair Poor				
		Pump De				. 031	
Pump Typ	oe .	anip 20	-4	Turl	oin	e	
Pump Mai				Flow			
•		ity (Cusec)		0.			
Rotationa							
Housing [2		
Bore Dept		-			<u>-</u> 30		
Head (ft.)					00		
Impeller		ation Depth					
(ft.)	5 tuli	Liion Deptii		6	0		
Paint of F	umpin	g Unit	Good	Fa	ir	Poor	-
Number	Gate	-			L		
of		Returning					
Valves	Valve	-	1				
Base Plat	l		Ye	s		No	
		Mechanical E		-	ail		
		pacity (kVA)					
Sanctioned Load (Kwh)		•				.=	
Motor Power (HP)		No Mo	tor &	Γra	ansforme	r	
Motor Ma		•					
MCU			Ye	s		No	
Earthing (of Mot	or	Ye			No	
Power Wi		/ 1	Ye			No	
rower WI	11119		re	ა		NU	





Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					Code: te: 02-05-2023				
Service Cable		Yes No								
Earthing of MC	U	Yes		No						
Energy Meter		Yes		No						
Water Meter		Yes		No						
PFI Equipment		Yes		No						
Generator		Yes		No						
Change Over		Yes		No						
Overall Rating										
Average Score	1	2		3	3	4	5			
Asset	Excellent	Good		Fa	ir	Poor	Failing			
Condition										
Category	Α	В		C	2	D	Е			
		Remark	s/R	equirem	ents					
The tempor	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair			
Data Collected E	Designation	Designation: Team Member			Julop					
						Sign & Date: 30	May 2023			
Data Checked B	Designation	Designation: Team Lead			Maylar					
						Sign & Date: 30	May 2023			

		Integrated De	velopmo	ent ar	nd	Asset Ma	nagement Plan (IDAMP)
			Municip	al Cor	nn	nittee Bah	awalnagar
Form	Asset Co	Tube W		SSI	ment	Asset Da	
12711111		Asset De		- 1000			Picture
Name				inia C	an	al # 10	Ficture
	Latitu	ıde		29.94			
Location	Longi			73.39			
	_ong.			adiqia			
Address				ahaw			
Area (Mar	rla)				1		
Working S			Functi	onal	F	Non- unctional	and the
Installatio	n Yea	of Tube Well		20	10)	
Installatio	n Yea	r of Pump		20	10)	
Capital Co	ost of N	/achinery					
Operation		-		(0		
Delivery	Dia			6	5"		
Pipe	Mater	ial		M	15		RD 255
Chlorinate	or		Ye	s		No	
Chlorinati	Chlorination Schedule		Once in a Year	Afte 6 Mon		No Schedule	
Apron Around Pump House		Ye			No	D. b. i D. a	
	Hoisting Girder			s S		No	Bahāwalnagar, Pun Pulfordwah, Arifwala Rd, B
-	Civil Structure Condition				air	Poor	Punjab, Pakistan Lat 30.01756° Long 73.25065°
	Approach to Pump House			Good Fair Poor Good Fair Poor			Google 02/05/23 01:38 PM GMT +
Арргоцен	to i ui	Pump De		1 ,	J11	1 001	
Pump Typ	16	i ump be	tuiis	Tur	hir	ie.	12-
Pump Mal				Flov			
-		ity (Cusec)			.5	an .	
Rotationa	-				<u></u> -		
Housing D	-				2		
Bore Dept		1103)			30		
Head (ft.)					00		
	Install	ation Depth			60		
Paint of P	umpin	g Unit	Good	Fa	air	Poor	
Number	Gate '	Valve				•	
of Valves	Non-F Valve	Returning					
Base Plat	e		Ye	s		No	
E	lectro	Mechanical E	quipme	nt De	tai	ls	
Transform	ner Caj	oacity (kVA)					
Sanctioned Load (Kwh)			No	Moto	r, I	MCU &	
Motor Power (HP)			Transformer				
Motor Ma	Motor Make						
мси				S		No	
Earthing (Earthing of Motor			S		No	
Power Wiring			Ye			No	7





Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar									
Form: IDAMP-A1	Asset Con	Asset Da	Code: te: 02-05-2023							
Service Cable		Yes	No							
Earthing of MC	U	Yes No								
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
Overall Rating										
Average Score	1	2	3	3	4	5				
Asset	Excellent	Good	Fa	air	Poor	Failing				
Condition										
Category	Α	В	(2	D	E				
		Remarks /	Requirem	ents						
• The tempor undergoing	•	nality of the tub	e well, due	to the n	notor unit, MCU a	nd Transformer				
Data Collected By: Mr. Abdullah Designation: Team Member					butch					
					Sign & Date: 30	May 2023				
Data Checked B	By: Mr. M. Fiaz	Designation:	Team Lead		Mayfry					
					Sign & Date: 30 May 2023					

	Integrated Development and Asset Management Plan (IDAMP)									
		ı	Municip	al Con	nm	ittee Baha	walnagar			
Forn	Asset Co	Tube W		ssr	nent	Asset (
		Asset De	etail				Pictures			
Name		710000		d Wah	0	ld # 29	7 10001100			
1 1	Latitu	ıde		30.01	46	598				
Location	Longi	tude		73.24	15	552				
A 4.4	<u>. </u>		Arifwa	la Roa	ıd,	Ford wah				
Address			Cana	ıl, Bah	aw	/alnagar				
Area (Ma	rla)			1	L					
Working S	Status		Functi	onal	F	Non- unctional				
Installatio	on Yea	r of Tube Well		20	18					
Installation	on Yea	r of Pump		20	18					
Capital Co	ost of I	Machinery								
Operation	al Hou	rs		C)					
Delivery	Dia			4	"					
Pipe	Mater	ial		М	S					
Chlorinat	or		Ye	S		No				
	Chlorination Schedule		Once	Afte	r					
Chlorinat			in a	6		No				
			Year	Mont	:h	Schedule	THE PROPERTY OF THE PARTY OF TH			
			Ye	S						
	Apron Around Pump House					No	Bahāwalnagar, Punja 268R+CM, Bahāwalnagar, Ba			
Hoisting Girder			Ye			No	Pakistan Lat 30.014698°			
	Civil Structure Condition Approach to Pump House			Good Fair Poor Good Fair Poor			Google Long 73.241552° 02/05/23 03:36 PM GMT +05			
Approach	to Pui		Good	Fa	<u>III</u>	Poor				
Duman Tur		Pump De	talis	T	.:	•	111			
Pump Typ				Turk						
Pump Ma		city (Cusec)		PE		·	30.			
	'			0.						
Rotational Housing I				14 1		'	1			
Bore Dep				16						
Head (ft.)				20						
Impeller (ft.)		ation Depth		7.						
Paint of F	umnin	a Unit	Good	Fa	ir	Poor				
Number	Gate		3000	1		1 001				
of Valves	Non-F	Returning		1						
Valves Valve Base Plate			Ye	c		No				
	quipmei		ail							
	quipiliei	ונ שפנ	all	3	A John State of the State of th					
	Transformer Capacity (kVA) Sanctioned Load (Kwh)									
Motor Power (HP)				No M	lot	or				
Motor Make										
MCU			Ye	S		No				
Earthing	of Mot	or	Ye			No				
		νı	Ye			No				
LOWEL WI	Power Wiring			3		INU				





	unicipal Com	nmittee Baha	walnag	ar						
	Tube Well									
	Form: Tube Well IDAMP-A1 Asset Condition Assessment									
rvice Cable Yes No										
	Yes	No								
	Yes	No								
	Yes	No								
	Yes	No								
	Yes	No								
	Yes	No								
Overall Rating										
1	2	3	1	4	5					
Excellent	Good	Fa	ir	Poor	Failing					
Α	В	C		D	E					
	Remarks	/ Requireme	ents							
ry non-function	nality of the t	ube well, due	to the	motor unit unde	rgoing repair					
Data Collected By: Mr. Abdullah Designation: Team Member					Sh M					
Data Checked By: Mr. M. Fiaz Designation: Team Lead					Sign & Date: 30 May 2023					
	Excellent A ry non-function r: Mr. Abdullah	Yes Yes Yes Yes Yes Yes Yes Yes Yes Ove 1 2 Excellent Good A B Remarks ry non-functionality of the top	Yes No Overall Rating 1 2 3 Excellent Good Fa A B C Remarks / Requirement Try non-functionality of the tube well, due	Yes No Overall Rating 1 2 3 Excellent Good Fair A B C Remarks / Requirements ry non-functionality of the tube well, due to the "": Mr. Abdullah Designation: Team Member	Yes No Overall Rating 1 2 3 4 Excellent Good Fair Poor A B C D Remarks / Requirements Try non-functionality of the tube well, due to the motor unit under O: Mr. Abdullah Designation: Team Member Sign & Date: 30					

	Integrated Development and Asset Management Plan (IDAMP)									
		1	Municipa	al Con	nm	ittee Baha	awalnagar			
Forn	Tube W		·cn	nent	Asset (
IDAMIF				ASSES	9311	ileiit				
NI		Asset De		-1 147 - 1-	01	1 11 20	Pictures			
Name					_	d # 28	(5-			
Location	Latitu			30.01			<u> </u>			
	Longitude			73.23						
Address						Ford wah				
A === (\)	-1->		Cana			alnagar				
Area (Ma	ria)			1	•	NI				
Working S	Status		Functi	onal	_	Non-				
		e of Tubo Wall		20		unctional	The Contract			
		r of Tube Well		20			Bahawalnagar, Punjab, F			
		r of Pump		20	TΩ		Unnamed Road, Bahawalnaga Lat 30.0131*			
•		Machinery					Google D2/05/23 03:44 PM GMT +01			
Operation		rs		- 6						
Delivery	Dia	-!1		4						
Pipe	Mater	ıaı		M	٥_	NI -				
Chlorinat	or		Ye		_	No				
			Once	Afte	r	Na				
Chlorinat	Chlorination Schedule		in a	6 Mont	L	No Schedule				
			Year	Mont	11	Schedule				
Apron Ar	Apron Around Pump House		Ye			No				
	Hoisting Girder			s		No				
•	Civil Structure Condition			Fa	ir	Poor				
		mp House	Good Fair Poor Good Fair Poor							
j. j		Pump De								
Pump Ty	oe .			Turk	oine	e				
Pump Ma				PE						
		city (Cusec)		0.			1,307			
Rotationa		•		14			-			
Housing I				1			1300			
Bore Dep				16	_					
Head (ft.)				20						
Impeller		ation Depth								
(ft.)				7	_					
Paint of F	umpin	g Unit	Good	Fa	ir	Poor				
Number	Gate	Valve		1						
of	Non-F	Returning		1			43			
Valves	Valve		1				1			
Base Plate			Ye			No				
Electro-Mechanical E			quipmer			S				
Transformer Capacity (kVA)				2						
Sanctioned Load (Kwh)				1			2001			
Motor Po		P)		2						
Motor Make				Sien	nen	ıs				
MCU	MCU			Yes No						
Earthing	of Mot	or	Ye	s		No				
Power Wi	ring		Ye	S		No	The state of the s			









	Integrated Development and Asset Management Plan (IDAMP)												
	Municipal Committee Bahawalnagar												
Form: IDAMP-A1		Tube Well ndition Asses		Code: te: 02-05-2023									
Service Cable		Yes		No									
Earthing of MC	U	Yes		No									
Energy Meter		Yes		No									
Water Meter		Yes		No									
PFI Equipment		Yes		No									
Generator		Yes		No									
Change Over		Yes		No									
Overall Rating													
Average Score	1	2 3				4	5						
Asset	Excellent	Good		Fa	ir	Poor	Failing						
Condition													
Category	Α	В		C		D	E						
		Remarks	s / R	equirem	ents								
 No remarks 													
Data Collected E	3y: Mr. Abdullah	Designation: Team Member			ber	Juloh							
						Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Te	am Lead		May	hy						
						Sign & Date: 30	May 2023						

		Integrated De	velopme	ent ar	nd	Asset Ma		
						nittee Bal		
Form	- •	Asset Co	Tube Well ondition Assessment					
		Asset De	etail					
Name			For	d Wah	١ 0	ld # 27		
Location	Latitu			30.01	13:	L20		
Location	Longi	tude		73.23				
Address						Ford wal		
			Cana			valnagar		
Area (Mar	'la)				1	Man		
Working S	tatus		Functi	onal	-	Non- unctiona		
Installatio	n Yaai	r of Tube Well		20				
Installatio				20		:		
		Machinery				·		
Operation					5			
Delivery	Dia	-			ļ"			
Pipe	Mater	ial		M	IS			
Chlorinate			Ye	S		No		
			Once	Afte	r			
Chlorinati	on Sch	edule	in a	6		No		
	011 001	leddie	Year	Mon	th	Schedul		
Anron Ar	nund P	ump House	Ye	S		No		
Hoisting (ump riouse	Ye			No		
Civil Stru		Condition	Good		air	Poor		
Approach			Good		air	Poor		
pp. 02011	, , , , , ,	Pump De		,				
Pump Typ	e			Tur	bir	e		
Pump Mal				PE				
		ity (Cusec)		0	.5			
Rotationa				14	60)		
Housing D	ia (inc	hes)	10					
Bore Dept	th (ft.)			10	50			
Head (ft.)				20	00			
Impeller (ft.)	Install	ation Depth		7	2			
Paint of P		•	Good	Fá	air	Poor		
Number	Gate '			:	1			
of Valves	Non-F Valve	Returning		:	1			
Base Plat			Ye	S		No		
		·Mechanical E			tai			
	ransformer Capacity (kVA)				5			
	Sanctioned Load (Kwh)				9			
	Notor Power (HP)			20				
	otor Make			Siemens				
MCU			Yes No					
Earthing (of Moto	or	Ye			No		
Power Wii			Ye			No		

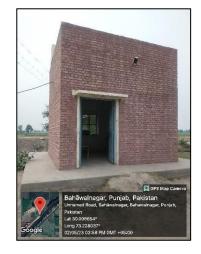






	Integrated Dev	relopment an	nd As	set Man	agemer	nt Plan (IDAMP)							
	Municipal Committee Bahawalnagar												
Form: IDAMP-A1		Tube Well ndition Asses	Asset Da	Code: te: 02-05-2023									
Service Cable	·	Yes		No									
Earthing of MC	U	Yes		No									
Energy Meter		Yes		No									
Water Meter		Yes		No									
PFI Equipment		Yes		No									
Generator		Yes		No									
Change Over		Yes	No										
Overall Rating													
Average Score	1	2		3	3	4	5						
Asset Condition	Excellent	Good		Fa	ir	Poor	Failing						
Category	А	В		(<u> </u>	D	E						
		Remarks	s / R	eguirem	ents								
 No remarks 													
Data Collected E	By: Mr. Abdullah	Designation: Team Member			ber	Jul	Sh						
						Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Te	am Lead		May	by						
						Sign & Date: 30	May 2023						

		Integrated De	velopme	ent ar	nd .	Asset Ma	nageme	nt Plan (ID <i>i</i>	41
			Municipa	al Cor	nn	nittee Bah	awalna	gar	
Form			Tube W	/ell			A	١S	
IDAMP-	A1	Asset Co	ndition	Asse	SSI	ment			
		Asset Do	etail					Pi	ct
Name						ld # 26			
Location	Latitu			30.00)66	554	」 .		_
Location	Longi	tude		73.22			_		
Address						Ford wah			188
			Cana	I, Bah	nav	valnagar	<u> </u>		
Area (Mar	a)				1		<u> </u>	翻翻	
Working S	tatus		Functi	onal		Non-			日日
			. 4.1001			unctional	↓		
		of Tube Well			18			IA TEN	
Installatio		·		20	18	3			
Capital Co		•							
Operation		rs			6				
,	Dia				ļ"		↓	Bahāwalr	
	Mater	ial			1S		↓	Unnamed Ro Pakistan Lat 30,00668	
Chlorinato	r		Ye		L	No		Google Long 73.228 02/05/23 03	037
			Once	Afte	r				
Chlorinatio	on Sch	edule	in a	6		No Cabadula			
			Year	Mon	tn	Schedule			
Apron Aro	und P	ump House	Ye	S S		No	┥	The state of	
Hoisting G		p //ousc	Ye			No	┪ ┃		
Civil Struc		Condition	Good		air	Poor			
Approach			Good Fair Poor					1	
	ui	Pump De							1
Pump Type	e			Tur	bin	ie	1	-	-
Pump Mak					CC		1		III.
		ity (Cusec)			.5		┪ ┃		
Rotational		•			60	1	1		
Housing D			10				1		The same
Bore Dept					60	1		1	
Head (ft.)	\- \- \-				00		1 '		
	nstall	ation Depth					† [3	
(ft.)				7	'2				
Paint of P	umpin	g Unit	Good	F	air	Poor	1		
Number	Gate \	Valve			1		7 l		
of	Non-F	Returning			1		7 l	Anne	-
Valves	Valve				1]		1
Base Plate	Base Plate			S		No]		20
EI	ectro-	Mechanical E	quipmer	nt De	tai		,		
Transform	er Cap	oacity (kVA)		2	25	_	1		
Sanctione	d Load	(Kwh)		1	9]	14	14	
Motor Pow	er (HI	P)		2	0				
Motor Mak	e			Sier	nei]			
MCU	ICU				Yes No				
Earthing o	f Moto	or	Ye	s		No	· ·		
	ing		Ye			No	1		







	Integrated Development and Asset Management Plan (IDAMP)												
	Municipal Committee Bahawalnagar												
Form: IDAMP-A1		Tube Well ndition Asses	Asset Da	Code: te: 02-05-2023									
Service Cable		Yes		No									
Earthing of MC	U	Yes		No									
Energy Meter		Yes		No									
Water Meter		Yes		No									
PFI Equipment		Yes		No									
Generator		Yes		No									
Change Over		Yes		No									
Overall Rating													
Average Score	1	2 3				4	5						
Asset	Excellent	Good		Fa	ir	Poor	Failing						
Condition													
Category	Α	В		C		D	E						
		Remarks	s / R	equirem	ents								
 No remarks 													
Data Collected E	By: Mr. Abdullah	n Designation: Team Member			ber	Jul	Sh						
						Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Te	am Lead		May	by						
						Sign & Date: 30	May 2023						

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



Asset Code:

Pictures

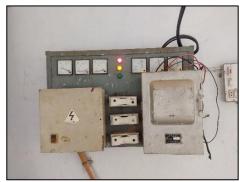




	Integrated Dev	relopment an	d As	set Man	agemer	nt Plan (IDAMP)						
Municipal Committee Bahawalnagar												
Form: IDAMP-A1	Asset Cor		Code: te: 02-05-2023									
Service Cable		Yes		No								
Earthing of MC	Yes		No									
Energy Meter	Yes		No									
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over		Yes		No								
Overall Rating												
Average Score	1	2	3			4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В		С		D	E					
		Remarks	s / Re	equirements								
 No remarks 												
Data Collected E	By: Mr. Abdullah	Designation: Team Member			ber	Juloh						
						Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation	ı: Tea	ım Lead		May	hy					
						Sign & Date: 30	May 2023					

		Integrated De	velopme	ent an	d A	Asset Man	agement Plan (IDAMP)
		ı	Municipa	al Cor	nm	ittee Baha	awalnagar
Forn IDAMP		Asset Co	Tube W		ssr	nent	Asset (Dat
		Asset De	etail				Pictures
Name		710000 2		d Wah	0	ld # 24	1 1000100
	Latitu	ıde		30.00			
Location	Longi			73.22			
			Arifwa	la Roa	ad.	Ford wah	
Address						/alnagar	
Area (Ma	rla)				L		多
Wanting	-1-1		F a4:	1		Non-	建国际证明
Working S	status		Functi	onai	F	unctional	
Installati	on Yea	r of Tube Well		20	09		
Installati	on Yea	r of Pump		20	09		
Capital C	ost of I	Machinery					
Operation	nal Hou	rs		6	5		
Delivery	Dia			6	"		
Pipe	Mater	ial		М	S		
Chlorinat	or		Ye	S		No	Bahawalnagar, Punjab Bahalwalnagar Bypass, Bahaw
			Once	Afte	r		Lat 30.002185° Long 73.221466°
Chlorinat	ion Sch	aluba	in a	6		No	Google 02/05/23 04:15 PM GMT +05:
Ciliorillat	ion sci	iedule	Year	Mont	:h	Schedule	
				S			
		ump House	Ye			No	
Hoisting			Yes			No	The second second
Civil Stru			Good Fai			Poor	
Approach	to Pu		Good Fair Poor			Poor	
		Pump De	tails				
Pump Tyj				Tur		e	4
Pump Ma					SB		10
		city (Cusec)			.5		
Rotationa					60		
Housing I					2		
Bore Dep					50		
Head (ft.)				2(00		
Impeller	Install	ation Depth		7	2		
(ft.) Paint of F)	a llait	Cood	F-	air	Door	
		•	Good			Poor	
Number of	Gate Non-F	vaive Returning		•	L		None out
Valves	Valve	-		1	L		
Base Plat			Ye	s		No	
		Mechanical E			ail		
		pacity (kVA)	74.611161		5	_	
Sanction				14		<u> </u>	
Motor Po					0	-	
Motor Ma				Sien		ns	
	MCU					No	
Earthing	of Mot	or	Ye.			No	
Power Wi		,	Ye			No	
LOWEL WI	iniy		1 6	3		INU	J







	Integrated Development and Asset Management Plan (IDAMP)												
	Municipal Committee Bahawalnagar												
Form: IDAMP-A1		Tube Well ndition Asses	Asset Da	Code: te: 02-05-2023									
Service Cable		Yes		No									
Earthing of MC	U	Yes		No									
Energy Meter		Yes		No									
Water Meter		Yes		No									
PFI Equipment		Yes		No									
Generator		Yes		No									
Change Over		Yes		No									
Overall Rating													
Average Score	1	2 3				4	5						
Asset	Excellent	Good		Fa	ir	Poor	Failing						
Condition													
Category	Α	В		C		D	E						
		Remarks	s / R	equirem	ents								
 No remarks 													
Data Collected E	By: Mr. Abdullah	n Designation: Team Member			ber	Jul	Sh						
						Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Te	am Lead		May	by						
						Sign & Date: 30	May 2023						

		Integrated De	velopm	ent ar	nd .	Asset Man	agement Plan (IDAMP)					
	Municipal Committee Bahawalnagar											
Forn IDAMP		Asset Co	Tube W		SSI	ment	Asset (Da					
		Asset De	etail				Pictures					
Name		7,5500		d Wah	0	ld # 23	1 100010					
	Latitu	ıde		30.00								
Location	Longi			73.22								
		-				Ford wah						
Address						valnagar						
Area (Ma	rla)				1	· · · · · · · · · · · · · · · · · · ·						
-	-					Non-						
Working S	Status		Functi	onal	F	unctional						
Installatio	on Yea	r of Tube Well		20	05	;						
		r of Pump		20								
		Machinery										
Operation		-		(5							
Delivery	Dia				<u>'''</u>							
Pipe	Mater	rial		M	IS		Charles and the second					
Chlorinat			Ye	S		No	Bahawalnagar, Punjal					
Chlorinat	ion Sch	nedule	Once in a	Afte 6 Mon		No Schedule	Unnamed Road, Behawair Lat 30.00525e° Long 73.227101° Google 02/06/23 04:26 PM GMT					
			Year	S								
Apron Ar	ound P	ump House	Ye	S		No						
Hoisting (Girder					No						
Civil Stru	cture (Condition	Good	Fá	air	Poor						
Approach	to Pur	np House	Good	Fá	air	Poor						
		Pump De	tails	, , , , , , , , , , , , , , , , , , ,								
Pump Typ	pe			Tur	bin	ie						
Pump Ma	ke			PE	CC)						
Discharge	e Capac	city (Cusec)		0	.5							
Rotationa	al Spee	d (RPM)		14	60)						
Housing [Dia (inc	hes)		1	2							
Bore Dep	th (ft.)			16	50		1/3					
Head (ft.))			20	00		1 1					
Impeller (ft.)		ation Depth			2							
Paint of F			Good	-	air	Poor	300					
Number	Gate '				1		90-120					
of Valves	Valve	Returning			1							
Base Plat			Ye			No						
		Mechanical E	quipme			S						
		pacity (kVA)			5							
Sanctione					2		· · · · · · · · · · · · · · · · · · ·					
Motor Po		P)			0		The state of the s					
Motor Ma	ke			Sien	nei							
MCU				Yes								
Earthing		or	Ye			No						
Power Wi	ring		Ye	S		No						

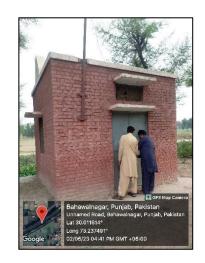






	Integrated Dev	elopment an	nd Ass	et Man	agemer	nt Plan (IDAMP)							
	Municipal Committee Bahawalnagar												
Form: IDAMP-A1	Asset Con		Code: te: 02-05-2023										
Service Cable													
Earthing of MC	U	Yes	ı	No									
Energy Meter		Yes	ı	No									
Water Meter		Yes	ı	No									
PFI Equipment		Yes	ı	No									
Generator		Yes	ا	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		C		D	E						
		Remarks	s / Re	quirem	ents								
 No remarks 	l .												
Data Collected E	3y: Mr. Abdullah	Designation	n: Teai	m Meml	ber	ful	Sh						
						Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Tea	m Lead		May	hy						
						Sign & Date: 30	May 2023						

			Municipa	al Cor	nm	ittee	Baha					
Form: IDAMP-A1	. •					Tube Well ondition Assessment						
		Asset De	etail									
Name			Ford Wah Old # 22									
La La	titu	de	30.011614									
Location Lo	ngit	ude		73.23	374	191						
Address			Arifwa	la Ro	ad,	Ford	wah					
Audress			Cana	l, Bah	nav	valnag	ar					
Area (Marla)			<u> </u>		1							
Working Stat	tus		Functi	onal	F	Non unctio						
Installation Y	/ear	of Tube Well	<u> </u>	20	00)						
Installation \	Yea r	of Pump		20	02							
Capital Cost	of N	1achinery										
Operational I	Hou	rs)							
Delivery Dia	a			6	<u>''</u>							
Pipe Ma	ater	ial		M	IS							
Chlorinator			Ye	S		No						
Chlorination	Sch	edule	Once in a Year	Afte 6 Mon s	-	No Sche	-					
Apron Aroun	d P	ımp House	Ye	S		No						
Hoisting Gird	ler		Yes	S		No						
Civil Structu	re C	ondition	Good	Fá	air	Po	oor					
Approach to	Pur	np House	Good Fair Poor									
		Pump De	tails									
Pump Type			<u> </u>	Tur	bin	e						
Pump Make			İ	PE	CO)						
Discharge Ca	pac	ity (Cusec)	0.5									
Rotational S _l	peed	(RPM)	-									
Housing Dia	(inc	hes)	12									
Bore Depth (ft.)		170									
Head (ft.)			200									
Impeller Ins (ft.)	tall	ation Depth		7	2							
Paint of Pum	pin	g Unit	Good	Fá	air	Po	oor					
Number Ga	ite \	/alve	·		1							
	n-R alve	eturning		1								
Base Plate				s		No						
	tro-	Mechanical E			tail							
Transformer			,									
Sanctioned Load (Kwh)					_	_						
Motor Power (HP)			No Motor & Transformer									
Motor Make	<u> </u>	-	-									
MCU			Yes		No							
			No No									
Earthing of M	/otc	r l	Yes	S		No						







	Integrated Dev	velopment ar	nd As	set Man	agemer	nt Plan (IDAMP)						
Municipal Committee Bahawalnagar												
Form: IDAMP-A1	Asset Co		Code: te: 02-05-2023									
Service Cable		Yes										
Earthing of MC	Yes		No									
Energy Meter		Yes		No								
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over		Yes		No								
Overall Rating												
Average Score	1	2		3	3	4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В		C	;	D	Е					
		Remark	s/R	equirem	ents							
The tempor	ary non-functio	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair					
Data Collected I	By: Mr. Abdullah	Designation	Designation: Team Member			Juloh						
Data Checked B	ey: Mr. M. Fiaz	Designation: Team Lead				Sign & Date: 30 No Full Sign & Date: 30	by					

		Integrated De	velopme	ent <u>a</u> r	nd .	Asset M	ana
			Municipa	al Cor	nn	nittee Ba	ha
	Form: IDAMP-A1 Asset Co				SSI	ment	
		Asset De					
Name					_	ld # 21	
Location	Latitu			30.01			
	Longi	tude		73.23			_
Address	ddress					Ford wa	h
A === (\)	-1->		Cana			valnagar	
Area (Mar	ria)				L	Non-	
Working S	Status		Functi	onal	_	Non- unctiona	ا اد
Installatio	n Vas	r of Tube Well		20			11
Installatio				20			_
		Machinery		20	<u> </u>	•	
Operation					<u> </u>		_
-	Dia	13			ر ا"		
Pipe	Mater	ial			ıs		
Chlorinate		iui	Ye	-		No	\dashv
Jinoi illatt	<u> </u>		-	Afte	r	140	\dashv
			Once	6	•	No	
Chlorinati	ion Sch	nedule	in a	Mon	th	Schedu	le
			Year	S			
Apron Arc	ound P	ump House	Ye	S		No	
Hoisting (Girder		Ye	S		No	
Civil Stru	cture (Condition	Good	Fá	air	Poor	•
Approach	to Pur	np House	Good	Fá	air	Poor	
		Pump De	tails				
Pump Typ)e			Tur	bin	ie	
Pump Mal	ke			K.	SB		
Discharge	Capac	city (Cusec)		0	.5		
Rotationa	l Spee	d (RPM)		14	60)	
Housing D	Dia (inc	hes)			2		
Bore Dept	th (ft.)			1	70		
Head (ft.)				20	00		
Impeller (ft.)	Install	ation Depth		7	2		
Paint of P	umpin	g Unit	Good	Fá	air	Poor	•
Number	Gate '	Valve			1		
of		Returning			1		
Valves	Valve				_		
Base Plat			Ye			No	
		Mechanical E	-				
		pacity (kVA)	10			oined)	
Sanctione					9		
Motor Pov		P)	20				
Motor Ma	ke		Siemens				
MCU			Ye	S		No	
Earthing (or	Ye			No	
Power Win	ring		Ye	S		No	

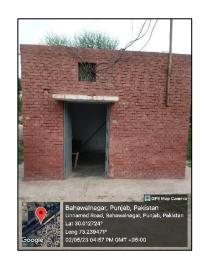






	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asses	ssme	ent			Code: te: 02-05-2023					
Service Cable	ervice Cable Yes No											
Earthing of MC	U	Yes		No								
Energy Meter		Yes		No								
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over		Yes	No									
Overall Rating												
Average Score	1	2	3		3	4	5					
Asset	Excellent	Good		Fa	iir	Poor	Failing					
Condition												
Category	Α	В			3	D	E					
		Remarks	s/R	equirem	ents							
 No remarks 												
Data Collected I	Designation: Team Member			ber	Juloh							
						Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation	n: Te	am Lead		Mayby						
						Sign & Date: 30	May 2023					

		Internated De	volonno		, al	Accet Man	acomont Dian ((IDAMD)
		integrated De	velopmo	ent ar	10	Asset Man	agement Plan (IDAMP)
		l	Municip	al Cor	nn	nittee Baha	walnagar	
Forn			Asset (
15711111		Asset Co		71000				Pictures
Name		ASSELD		d Wah	. 0	ld # 20		Fictures
	Latitu	ıde		30.01	_			
Location	Longi			73.23				
						Ford wah		
Address						valnagar		
Area (Ma	rla)				1	, ,	是是是是	
Working S			Functi	onal	F	Non- functional		
Installatio	on Yea	r of Tube Well		20				
	• • • • • •	r of Pump		20				
		Machinery			<u> </u>	•		
Operation		•			<u> </u>		原書 [2]	
Delivery	Dia				<u>, </u>			W. Francisco
Pipe	Mater	ial			is		Un	ahawalnagar, Punjat mamed Road, Bahawalr
Chlorinat		101	Ye			No	Lo	t 30.012724° ng 73.239471°
	Chlorination Schedule		Once in a Year	Afte 6 Mon		No Schedule	Socge	/05/23 04:57 PM GMT
Apron Ar	ound P	ump House	Ye	S		No		日日
Hoisting		,	Ye			No		
Civil Stru		Condition	Good Fair			Poor	100	
		mp House	Good	Fá	air	Poor		
		Pump De	tails					17/1-0
Pump Ty	oe .			Tur	bir	ie		
Pump Ma				PE	CC)		
		city (Cusec)			.5	•		
Rotationa		_			-			
Housing I				1	2			
Bore Dep					70			10 M
Head (ft.)					00			
		lation Depth			2		11	TAR.
Paint of F	Pumpin	g Unit	Good	Fá	air	Poor		M
Number	Gate	-		-	1			IN
of Valves	Non-F Valve	Returning		:	1			41
Base Plat	Base Plate			S		No		
		-Mechanical E			tai		3	
		pacity (kVA)					The same of the sa	
Sanctioned Load (Kwh)								
Motor Power (HP)			No M	10t	or			
Motor Ma							3 14	
MCU			Ye	S		No	The same	
Earthing	of Moto	or	Ye			No	7	1
Power Wi			Ye			No		
	7							







	Integrated Dev	velopment ar	nd As	set Man	agemer	nt Plan (IDAMP)						
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1							Code: te: 02-05-2023					
Service Cable	Service Cable Yes No											
Earthing of MC	U	Yes		No								
Energy Meter		Yes		No								
Water Meter		Yes		No								
PFI Equipment		Yes		No								
Generator		Yes		No								
Change Over		Yes		No								
Overall Rating												
Average Score	1	2	3			4	5					
Asset	Excellent	Good		Fa	ir	Poor	Failing					
Condition												
Category	Α	В		C		D	E					
		Remark	s/R	equirem	ents							
 The tempor 	ary non-function	nality of the	tube	well, due	e to the	motor unit unde	rgoing repair					
Data Collected I	By: Mr. Abdullah	Designation	n: Tea	am Memi	ber	butch						
						Sign & Date: 30	May 2023					
Data Checked B	y: Mr. M. Fiaz	Designation	n: Tea	am Lead		May	ky					
						Sign & Date: 30	May 2023					

	Integrated De	velopme	ent and	l A	sset Man			
		Municipa	al Com	mit	tee Baha			
Form: IDAMP-A1	Asset Co	Tube W		smo	ent			
	Asset Do	etail						
Name			d Wah	Old	# 19			
Lat	itude	30.013862						
I ocation —	ngitude		73.241					
,		Arifwa	la Road	d. F	ord wah			
Address			l, Baha					
Area (Marla)			1		-			
		Erre of	onal		Non-			
Working Statu	us	Functi	onai	Fu	nctional			
Installation Y	ear of Tube Well		200	0				
Installation Y	ear of Pump		200	2				
Capital Cost o	of Machinery							
Operational H	ours		6					
Delivery Dia	1		6"					
Pipe Ma	terial		MS	5				
Chlorinator		Ye	S		No			
		Once	After					
Chlorination S	Schedule	in a	. 6	_ ا	No			
		Year	Month	ןו צ	Schedule			
Anron Arous	1 Dumn Harras	Va	S	1_	No			
	1 Pump House	Ye			No			
Hoisting Girde		Ye: Good		r	No			
Civil Structur		Good Fair Poor Good Fair Poor			Poor			
Approach to F	Pump House Pump De		rai	1	P001			
Pump Type	Fullip De	talls	Turb	inc				
Pump Nake			PEC					
•	pacity (Cusec)		0.5					
Rotational Sp	•		146					
Housing Dia (i			140					
Bore Depth (f	·		170					
Head (ft.)	·· <i>)</i>		200					
Impeller Inst	tallation Depth		20	<u> </u>				
(ft.)	anation Depth		72	-				
Paint of Pump	oina Unit	Good	Fai	r	Poor			
	te Valve	3000	1	<u>. </u>	. 001			
	n-Returning							
Valves Val	-		1					
Base Plate	-	Ye	S		No			
	ro-Mechanical E			ils				
	Capacity (kVA)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	25					
Sanctioned Lo			19					
	20							
Motor Power								
Motor Power ((HP)			:0	PECO			
Motor Make	(HP)	Ye	PEC	0	No			
		Ye. Ye.	PEC	0	No No			







	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well dition Asses	ssmer	nt			Code: te: 02-05-2023				
Service Cable	Cable Yes No										
Earthing of MC	U	Yes		No							
Energy Meter		Yes		No							
Water Meter		Yes		No							
PFI Equipment		Yes		No							
Generator		Yes	l	No							
Change Over		Yes		No							
Overall Rating											
Average Score	1	2		3	3	4	5				
Asset Condition	Excellent	Good		Fair		Poor	Failing				
Category	А	В		(2	D	E				
3 ,		Remarks	s / Re	quirem	ents						
No remark	s										
Data Collected	By: Mr. Abdullah	Designation: Team Member				Judsh Sign & Date: 30 May 2023					
Data Checked E	By: Mr. M. Fiaz	Designation	n: Tea	m Lead		Sign & Date: 30	May 2023				

		Integrated De	velopme	ent an	d A	Asset Ma <u>n</u>	agement Plan (l	DAN
			Municipa	al Con	nm	ittee Baha	walnagar	
Farm							•	A -
Form IDAMP-	•	Asset Co	Tube W		ssm	nent		Ass
		Asset Do			11			Pict
Name		ASSELD		d Wah	Ol	d # 18		rict
	Latitu	ıde	101	a wan	Oi	u # 10		
Location	Longi							
			Arifwa	la Roa	ıd.	Ford wah		
Address						alnagar		
Area (Mar	la)			1				
Working S	tatus			Aban	lon	ed		
Installatio	n Yea	r of Tube Well						
Installatio	n Yea	r of Pump						
Capital Co		-						
Operation		rs						
Delivery	Dia							
Pipe	Mater	ial		П				
Chlorinato	r		Ye			No		
			Once	Afte	r	NI.		No.
Chlorinati	on Sch	nedule	in a	6 Mont	h	No Schedule		
			Year	MON	.11	Schedule		
Apron Arc	und P	ump House	Ye		ı	No		
Hoisting G			Yes	S		No	-	
Civil Struc	cture (Condition	Good	Fa	ir	Poor	Principal .	146, 48
Approach	to Pur	mp House	Good	Fa	ir	Poor		
		Pump De	tails					
Pump Typ								4
Pump Mak								-
		city (Cusec)					**************************************	
Rotationa	-						1/44 C. L. 2"	
Housing D								
Bore Dept	n (ft.)							
Head (ft.)	Inct-"	lation Dante						
Impeller (ft.)	ınstall	lation Depth						
Paint of P	umnin	a Unit	Good	Fa	ir	Poor		
Number	Gate '			, , ,		, , 551		
of		Returning						
Valves	Valve	•						
Base Plate	e		Ye	S		No		
Е	lectro-	-Mechanical E	quipmer	nt Det	ail	s		
Transform	er Caj	pacity (kVA)						
Sanctione	d Loac	(Kwh)						
Motor Pov	ver (H	P)						
Motor Mal	(e							
MCU			Yes			No		
Earthing o		or	Ye			No		
Power Wir			Yes			No		
Service Ca	able		Yes	S		No		



	Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well Asset Condition Assessment					Asset Code: Date: 02-05-2023				
Earthing of MC	U	Yes No									
Energy Meter											
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		Fa	iir	Poor	Failing				
Category	А	В		(D	E				
<u> </u>		Remarks	s / Re	equirem	ents						
Whole Build	ling was collaps	ed									
Data Collected I	Data Collected By: Mr. Abdullah Designation: Team Member					Julih Sign & Date: 30 May 2023					
Data Checked B	Data Checked By: Mr. M. Fiaz Designation: Team Lead						Sign & Date: 30 May 2023				

	Integrated De	velopme	ent an	d A	sset Man			
	ı	Municipa	al Com	mi	ttee Baha			
Form: IDAMP-A1	Asset Co	Tube Well Indition Assessment						
	Asset Do	etail						
Name		For	d Wah	Old	1 # 17			
Lat	titude		30.01	608	31			
Location Lo	ngitude		73.24	478	35			
A dd	-	Arifwa	la Roa	d, F	Ford wah			
Address		Cana	l, Bah	awa	alnagar			
Area (Marla)			1					
Working Stat	us	Functi	onal	Fu	Non- Inctional			
Installation Y	ear of Tube Well		198	35				
Installation Y	ear of Pump		198	36				
Capital Cost	of Machinery							
Operational H			6	1				
Delivery Dia	3		6'	''				
Pipe Ma	iterial		M:	S				
Chlorinator		Ye	S		No			
		Once	Afte	r 🗍				
Chlorination 5	Schedule	in a	6		No			
		Year	Mont	h S	Schedule			
Anron Arous	d Pump House	Ye	S		No			
Hoisting Gird	, and the second	Ye			No			
Civil Structur		Good	s [ir	Poor			
		Good	Fa		Poor			
Approach to	Pump House Pump De		Га	11	P001			
Pump Type	Fullip De	tails	Turb	ine	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
Pump Make			KS		,			
	pacity (Cusec)		0.					
Rotational Sp	•		146					
Housing Dia (120					
Bore Depth (f			17					
Head (ft.)	11.,		20					
Impeller Ins	tallation Depth		20	U				
(ft.)	tanation Depth		72	2				
Paint of Pum	ping Unit	Good	Fa	ir	Poor			
· · · · · · · · · · · · · · · · · · ·	te Valve		1					
	n-Returning							
	lve		1					
Base Plate		Ye	S		No			
Elect	tro-Mechanical E			ails				
	Capacity (kVA)							
i i alisivi ili c i	Sanctioned Load (Kwh)			100 (Combined) 14.92				
	oad (Kwh)		20					
Sanctioned L)	S			
Sanctioned L Motor Power		Ye	20 Siem)	s No			
Sanctioned L Motor Power Motor Make	(HP)	Ye. Ye.	Siem)				







	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asses	ssment		Asset Code: Date: 02-05-2023							
Service Cable		Yes	No									
Earthing of MC	U	Yes	No									
Energy Meter		Yes	No									
Water Meter		Yes	No									
PFI Equipment		Yes	No									
Generator		Yes	No									
Change Over		Yes	No									
Overall Rating												
Average Score	1	2		3	4	5						
Asset	Excellent	Good		Fair	Poor	Failing						
Condition												
Category	Α	В		С	D	Е						
		Remarks	s / Reguire	ments	•							
 No remarks 												
Data Collected E	3y: Mr. Abdullah	Designation	Designation: Team Member			Intop						
					Sign & Date: 30	May 2023						
Data Checked B	y: Mr. M. Fiaz	Designation	n: Team Lea	ad	Mayby							
					Sign & Date: 30	May 2023						

		Integrated De	velopmo	ent an	d A	Asset Mar	
		ı	Municip	al Con	ım	ittee Bah	
Forn IDAMP		Asset Co	Tube W		sr	ment	
		Asset De	etail				
Name			For	d Wah	0	ld # 16	
	Latitu	ıde		30.01			
Location	Longi			73.24			
			Arifwa	la Roa	d.	Ford wah	
Address						/alnagar	
Area (Ma	rla)			1			
						Non-	
Working S	status		Functi	onal	F	unctional	
Installatio	on Yea	r of Tube Well		20	05		
Installatio	on Yea	r of Pump		20	07	•	
		Machinery					
Operation				6	,		
Delivery	Dia			6			
Pipe	Mater	ial		M	S		
Chlorinat			Ye		_	No	
			0	Afte	r	<u> </u>	
Chlorinat	ian Cab	adula .	Once	6		No	
Cniorinat	ion Scr	ieduie	in a Year	Mont	h	Schedule	
			ı eai	S			
Apron Ar	ound P	ump House	Ye	S		No	
Hoisting (Girder		Ye	s		No	
Civil Stru	cture (Condition	Good	Fa	ir	Poor	
Approach	to Pur		Good	Fa	ir	Poor	
		Pump De	tails				
Pump Typ	oe			Turk	oin	е	
Pump Ma	ke			FF	P		
Discharge	Capac	city (Cusec)		0.	5		
Rotationa	al Spee	d (RPM)		14	60		
Housing [Dia (inc	hes)		1.	2		
Bore Dep	th (ft.)			17	'0		
Head (ft.))			20	0		
Impeller	Install	ation Depth		7.	2		
(ft.)		- 11-24	•			-	
Paint of F			Good	Fa		Poor	
Number	Gate			1			
of		Returning		1			
Valves	Valve						
Base Plat		Masharite I	Ye		_ ••	No	
		Mechanical E	-				
		pacity (kVA)	10	00 (Co			
Sanctione			29.8				
Motor Po		P)	20				
Motor Ma	ke			Siem	er		
MCU			Ye			No	
Earthing		or	Ye			No	
Power Wi	ring		Ye	S		No	







	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Bahawalnagar											
Form: IDAMP-A1		Tube Well ndition Asses	ssment			Code: te: 02-05-2023						
Service Cable												
Earthing of MC	U	Yes	No									
Energy Meter		Yes	No									
Water Meter		Yes	No									
PFI Equipment		Yes	No									
Generator		Yes	No									
Change Over		Yes	No									
Overall Rating												
Average Score	1	2	3		4	5						
Asset	Excellent	Good	F	air	Poor	Failing						
Condition												
Category	Α	В		С	D	E						
		Remarks	/ Requirem	ents								
 No remarks 												
Data Collected B	By: Mr. Abdullah	Designation	Designation: Team Member			butch						
					Sign & Date: 30 May 2023							
Data Checked B	y: Mr. M. Fiaz	Designation	ı: Team Lead	1	Mayby							
					Sign & Date: 30	May 2023						

B. Filtration Plant

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

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar									
Form:	Water Filtration Plant Asset Condition Assessm				•	Asset	Code: te: 02-05-2023		
	^							Pictures	te. 02-03-2023
Name	Latitu	ıdo	-			Plant		Pictures	
Location ⊢	Longit		30.000756 73.258584						
Address	Longi	luue			j Par				
Installation	Voar) Pai)08	n .			
Installing A		,			IED				
O&M Agenc					1C				GPS Map Camera
Filtration	• у	Capacity						Bahāwalnagar, Punjab, Pa X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan	
(Liter/Hour	•)	Сириску		20	000		Google	Lat 29.999145° Long 73.271129°	
Operational	Hour	s		1	.2		Joogle	03/05/23 11:44 AM GMT +05:00	
No. of Taps					8				
Effluent Tes			N	ot Āv	/ailal	ole			MA STATE OF THE ST
	vater	quality		_	_				
lf ves, w									
parameters		iab allu	-					Bahāwalnagar, Punjab, Pa	
Findings of		er quality	_					X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan Lat 29.999145°	anawainagar, Banawainagar,
analysis?			_				Google	Long 73.271129° 03/05/23 11:44 AM GMT +05:00	
In case of above the		ermissible							
limit, which	•	teps are							/ I F
taken to	prov	-					1667		
water?							NAC.		
Plant Type			RO			UV		8	GPS Map Camera
Source of W	Vater		Local T			Public Nater	1	Bahāwalnagar, Punjab, Pa X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan	
			Well		Supply			Lat 29.999145° Long 73.271129°	
Working Sta	atus		Functio	nal		Non-	Google	03/05/23 11:44 AM GMT +05:00	
			Functional						
Pumping Ur			Yes No						
Control Pan			Yes No						
Service Cab	ле		Yes			No			
Lamp/Chlor	rinato	r	Yes No		No		Bahāwalnagar, Punjab, Pa		
·	Takeaway Hall Condition		Good	F	air	Poor	1	X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan Lat 29.999145°	ahāwalnagar, Bahawalnagar,
Building Structure		Good			Poor	Google	Long 73.271129° 03/05/23 11:45 AM GMT +05:00		
Condition Approach to Pump House		Good	F	air	Poor				
						all Ratin	g		
Average Sc	Average Score 1			2			3	4	5
Asset Condition Excellent			Goo	d		Fair	Poor	Failing	
Category	Category A			В			С	D	E
	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	Mayfry Sign & Date: 30 May 2023

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar								
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessm					Asset (Code: te: 02-05-2023	
Name	<u> </u>	Khadamabad					Pictures		
Location	ude	3	30.00	703	7				
Long	itude	73.266958			8				
Address		Khadamadam, Bahawalnagar						S.	
Installation Yea	r		20	80					
Installing Agenc	у		M	IC			PC BANK	GPS Map Camera	
O&M Agency			M	IC		•	Bahāwalnagar, Punjab, Pak 2748+VQ3, Bahāwalnagar, Baha		
Filtration (Liter/Hour)	Capacity		20	00		Google	Lat 30.007037° Long 73.266958° 03/05/23 11:54 AM GMT +05:00		
Operational Hou	rs			.2					
No. of Taps				8					
Effluent Test (If		No	ot Av	/ailal	ole				
Latest water analysis carried	out?			-				A CONTRACTOR	
If yes, which parameters?		-					Bahāwalnagar, Punjab, Pak 2748+VQ3, Bahāwalnagar, Baha		
Findings of war analysis?	ter quality	-				Google	Lat 30.006986° Long 73.26711° 03/05/23 11:54 AM GMT +05:00	0	
limit, which	parameter permissible steps are vide safe	-							
Plant Type		RO UV			UV			GPS Map Camera	
Source of Water		Local Tube Wa		Public Water Supply	Google	Bahāwalnagar, Punjab, Pak 2749+V3W, Minchinabad - Bahawalna Bahawalnagar, Punjab, Pakistan Lat 30.007007* Long 73.267332* 03/05/23 11:56 AM GMT +05:00	(istan gar Rd, Bahāwalnagar,		
Working Status		Functional Non- Functional			Non-		Usyubi23 The Daw Girl Tubido		
Pumping Unit		Yes			No		C. Steller		
Control Panel		Yes No							
Service Cable		Yes			No	1	TEND E	GPS Map Camera	
Ultraviolet Lamp/Chlorinator		Yes			No		Bahāwalnagar, Punjab, Pak 2748+VQ3, Bahāwalnagar, Baha Lat 30.006966°	ristan 2000 00	
Takeaway Hall Condition		Good	Fa	air	Poor	Toogle	Long 73.267222° 03/05/23 11:57 AM GMT +05:00		
Building Structure Condition		Good		air	Poor	200316	1107 AW GMT 1103.00		
Approach to Pur	Good		air	Poor					
				Over	all Ratin	-			
Average Score 1			2			3	4	5	
Asset Condition Excellent Category A		t	Goo	d		Fair	Poor	Failing -	
Category		В			С	D	E		
		R	ema	rks /	Require	ments			
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	Mayfry 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 Ghalla Mandi **Pictures** Name 30.002049 Latitude Location Longitude 73.261523 Ghalla Mandi. **Address** Bahawalnagar Installation Year 2016 МС Installing Agency Bahāwalnagar, Punjab, Pakistan MC **O&M Agency** 2726+QR5, Bahā **Filtration** Capacity Long 73.261523° 03/05/23 12:06 PM GMT +05:00 2000 (Liter/Hour) **Operational Hours** 12 No. of Taps Not Available Effluent Test (If Available) Latest water quality analysis carried out? If yes, which lab Bahāwalnagar, Punjab, Pakistan parameters? Lat 30.002037° Findings of water quality 03/05/23 12:06 PM GMT +05:00 analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Bahāwalnagar, Punjab, Pakistan **Public** Local Tube Source of Water Water Lat 30.002019° Well Long 73.26163° Supply 03/05/23 12:06 PM GMT +05:00 Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No Ultraviolet Yes No Bahāwalnagar, Punjab, Pakistan Lamp/Chlorinator Lat 30.002021° **Takeaway Hall Condition** Fair Good Poor **Building** Structure Poor Good Fair Condition Approach to Pump House Good Fair Poor **Overall Rating** Average Score 2 3 5 **Asset Condition** Excellent Good Fair Poor Failing Α В C D Ε 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: Team Lead	Mayfry Sign & Date: 30 May 2023

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

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

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Bahawalnagar							
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessm					Asset (Code: te: 02-05-2023	
Name		Civil	Club)		Pictures		
Location Latitude		3	0.01	L186	6			
Longitude	e	73.255879			9			
Address		Civil Clu	b, B	ahaw	/alnagar			
Installation Year			20	00				
Installing Agency			PH	IED				GPS Map Camera
O&M Agency			M	IC			Bahāwalnagar, Punjab, Pal 2763+QWG Session Court, DC Office	kistan
(Liter/Hour)	pacity			00		Google	Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011866° Long 73.255879° 03/05/23 12:26 PM GMT +05:00	
Operational Hours				.2		A SAME OF THE PARTY OF THE PART	43/03/23 12/20 PM GMT +05:00	
No. of Taps				8		All the second		
Effluent Test (If Ava		No	ot Av	/ailat	ole	THE REAL PROPERTY.	* # #	100000000000000000000000000000000000000
Latest water of analysis carried out?	quality			-				
If yes, which lab		1						GPS Map Camera
parameters?		-					Bahāwalnagar, Punjab, Pal 2763+QWG Session Court, DC Office	
Findings of water of	quality	-				V	Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011719°	, Pakistan
analysis? In case of any para	meter					Soogle	Long 73.255869° 03/05/23 12:27 PM GMT +05:00	
	issible							
limit, which steps		-				of the state of		1
taken to provide water?	safe							
Plant Type		RO UV			HV	Ž		
- rune rype				F	Public	Bahāwalnagar, Punjab, Pakistan		
Source of Water		Local Tube Water Well			2763+QWG Session Court, DC Office Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011718°			
		Supply Non-			Google	Long 73.255894° 03/05/23 12:29 PM GMT +05:00		
Working Status		Functional Functional						
Pumping Unit		Yes No		No		100		
Control Panel		Yes No		No			9	
Service Cable		Yes No				K 11/19/460		
Ultraviolet Lamp/Chlorinator		Yes			No		Bahāwalnagar, Punjab, Pal	GPS Map Camera kistan Rd. Officer Colony
Takeaway Hall Condi		Good	Fá	air	Poor	- · · · · ·	Bahāwalnagar, Bahawalnagar, Punjab Lat 30.011716°	
Building Str Condition	ucture	Good	Fá	air	Poor	Google	Long 73.255892° 03/05/23 12:29 PM GMT +05:00	
Approach to Pump H	ouse	Good		air	Poor			
			Overa	all Ratin				
Average Score	1	2		3	4	5		
	xcellent				Fair	Poor	Failing	
Category	Α		B C D E				E	
	Remarks / Requirements							
No remarks								

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Bahawalnagar								
Form: Water Filtration Plant Asset Code: IDAMP-A4 Asset Condition Assessment Date: 02-05-2								
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julsh Sign & Date: 30 May 2023					
Data Checked By: I	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 Faisal Colony **Pictures** 30.004620 Latitude Location Longitude 73.245712 Faisal Colony, **Address** Bahawalnagar **Installation Year** 2016 МС Installing Agency Bahāwalnagar, Punjab, Pakistan MC **O&M Agency** Quresh Colony Rd, Ba Lat 30.00462° **Filtration** Capacity 2000 03/05/23 12:40 PM GMT +05:00 (Liter/Hour) **Operational Hours** 12 No. of Taps 6 Not Available Effluent Test (If Available) Latest water quality analysis carried out? If yes, which lab parameters? Findings of water quality 03/05/23 12:41 PM GMT +05:00 analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Public Local Tube Source of Water Water Well 23 12:41 PM GMT +05:00 Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No Ultraviolet Yes No Bahāwalnagar, Punjab, Pakist Quresh Colony Rd, Bahāwalnagar, Bahav Lat 30.004656° Lamp/Chlorinator **Takeaway Hall Condition** Fair Long 73.245802° Good Poor 23 12:41 PM GMT +05:00 **Building** Structure Poor Good Fair Condition Approach to Pump House Good Fair Poor **Overall Rating** Average Score 2 3 5 **Asset Condition** Excellent Good Fair Poor Failing Α В C D Ε Category Remarks / Requirements No remarks

Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Bahawalnagar						
Form: IDAMP-A4	As	Water Filtration Plant set Condition Assessment	Asset Code: Date: 02-05-2023			
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julih Sign & Date: 30 May 2023			
Data Checked By: I	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: Date: 02-05-2023 **IDAMP-A4 Asset Condition Assessment** Name Al-Quresh Colony **Pictures** 30.000913 Latitude Location Longitude 73.245282 Al-Quresh Colony, **Address** Bahawalnagar **Installation Year** 2016 МС Installing Agency Bahāwalnagar, Punjab, Pakistan MC **O&M Agency Filtration** Capacity 2000 (Liter/Hour) **Operational Hours** 12 No. of Taps Not Available Effluent Test (If Available) Latest water quality analysis carried out? If 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 Bahāwalnagar, Punjab, Pakistan Public Local Tube Source of Water Water Lat 30.000973° Well Long 73.245386° 03/05/23 12:54 PM GMT +05:00 Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No Ultraviolet Yes No Lamp/Chlorinator **Takeaway Hall Condition** Good Fair Poor **Building** Structure Good Fair Poor Condition Approach to Pump House Good Fair Poor **Overall Rating** Average Score 2 3 5 **Asset Condition** Excellent Good Fair Poor Failing Category Α В C D Ε Remarks / Requirements No remarks

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

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar								
Form: IDAMP-A4			-		ion Plan Assessn	-	Asset (Code: te: 02-05-2023	
Name		Z.A Sa			tration		Pictures		
1 -1:4				ant	4				
Location Latit				9354	-				
Long	itude			1676					
Address				alnaq	olony,				
Installation Year	<u>, </u>			08	gui		VI CLU		
Installing Agenc				IC					
O&M Agency	7			1C			Bahāwalnagar, Punjab, Pak		
Filtration	Capacity						X6VW+FHQ, Chishtian Rd, Bahāwalna Pakistan	gar, Bahawalnagar, Punjab,	
(Liter/Hour)	Cupacity		20	00		Google	Lat 29.993544° Long 73.246762° 03/05/23 01:06 PM GMT +05:00		
Operational Hou	rs		1	.2		Longe	edjadja e ileet ili elili 1 edis	Total Control	
No. of Taps			- 1	8					
Effluent Test (If	Available)	No	ot Av	ailat	ole	11 3/11 18			
Latest water	quality			_		1	ABA		
analysis carried							3 (1		
If yes, which	lab and			-			Bahāwalnagar, Punjab, Pak	GPS Map Camera kistan	
parameters? Findings of wat	tor quality						X6VW+FHQ, Chishtian Rd, Bahāwalna Pakistan Lat 29.993574°	gar, Bahawalnagar, Punjab,	
analysis?	ter quality	-				Google	Long 73.246765° 03/05/23 01:06 PM GMT +05:00		
In case of any	parameter								
•	permissible								
·	steps are	-							
taken to pro water?	vide safe								
Plant Type		RO UV			UV			GPS Map Camera	
Tiune Type		Public				Bahāwalnagar, Punjab, Pak x6vw+6P3, Wuqla Colony Bahāwalna	kistan		
Source of Water		Local T			Water		Pakistan Lat 29.99359°	gar, Banawainagar, Punjab,	
		Well		Supply		Google	Long 73.246887° 03/05/23 01:06 PM GMT +05:00		
Working Status		Functional Non-		C. S.	The state of the s	The state of the s			
				r ur	nctional	15/14	1		
Pumping Unit Control Panel		Yes			No	PAREN	A SE		
		Yes			No	Maria			
Service Cable Ultraviolet		Yes			No	1/1/1/1/		GPS Map Camera	
Lamp/Chlorinate	or	Yes			No		Bahāwalnagar, Punjab, Pak X6VW+6P3, Wuqla Colony Bahāwalna		
Takeaway Hall C		Good	Fa	air	Poor	•	Pakistan Lat 29.993584°	The same	
Building	Structure					Google	Long 73.24685° 03/05/23 01:07 PM GMT +05:00		
Condition		Good	Г	air	Poor				
Approach to Pur	np House	Good		air	Poor				
				Over	all Ratin	•			
Average Score	1		2			3	4	5	
Asset Condition	Excellent		Goo	d		Fair	Poor	Failing	
Category	Α		В			С	D	E	
		R	ema	rks /	Require	ments			
• No remarks									

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

Integrated Development And Asset Management Plan (IDAMP)									
			Munic	ipal C	omn	nittee Ba	hawalnag	jar	
Forn IDAMP			Water Filtration Plant Asset Condition Assessm				-		Code: te: 02-05-2023
Name			Niza			tration		Pictures	
		•			ant ant				
Location	Latit			29.99					
	Longi	itude		73.2			6-16/25 th	100000 [Side 12]	
Address				Nizan Bahaw		•		و: میان محمد رفیق بهانیکا مدموم	Stea Contain
Installatio	n Year	•			016	yaı			
Installing A					/C			premaring in the second	
O&M Agen		у			1C 1C		247	Bahāwalnagar, Punjab, Pa	GPS Map Camera kistan
Filtration	icy	Capacity		IV	/IC			X6VW+GP3, Wuqla Colony Bahāwain Pakistan	agar, Bahawalnagar, Punjab, 💮 🖁
(Liter/Hou	ır)	Capacity		20	000		Google	Lat 29.993602° Long 73.246841° 03/05/23 01:20 PM GMT +05:00	
Operationa		rs		1	L2			US/US/23 U1.20 PM GM1 +05.00	
No. of Tap					6		8/2/-0		7-0-110-11
Effluent To		Available)	ı	Not A	vailal	ble		V8.08 1/2 1000	The same of the sa
	water	quality						A WARREN	SA CONTRACTOR OF THE PARTY OF T
analysis c	arried	out?					1/1/1/	We de	Top to ox
If yes,		lab and			_			Bahāwalnagar, Punjab, Pa	GPS Map Camera kistan
parameter		er quality						X7Q3+962, Street No. 7, Nizampura Punjab, Pakistan	Bahāwainagar, Bahawainagar,
analysis?	oi wat	er quality	-				Google	Lat 29.987805° Long 73.252435° 03/05/23 01:21 PM GMT +05:00	
	fany	parameter	THE PARTY OF THE P						
	-	ermissible	See						
		steps are			-				
taken to	prov	vide safe							ATTITUDE OF
Plant Type	<u> </u>		RO UV					GPS Map Camera	
ridiit Type	<u>-</u>				Public		Bahāwalnagar, Punjab, Pa	kistan	
Source of	Water			Local Tube Water				X7Q3+962, Street No. 7, Nizampura l Punjab, Pakistan Lat 29.987805°	Bahāwainagar, Bahawainagar,
			We	211		Supply	Google	1 70 050 4050	
Working S	tatus		Functional Non-		THE CONTRACTOR OF THE CONTRACT				
			Functional						The same of the sa
Pumping U			Ye			No			
Control Pa			Ye			No			190 June
Service Ca			Ye	S		No			GPS Map Camera
Ultraviolet Lamp/Chlo		or	Υe	S		No		Bahāwalnagar, Punjab, Pa X7Q3+962, Street No. 7, Nizampura	
Takeaway			Good	F	air	Poor		Punjab, Pakistan Lat 29.987822°	
Building		Structure				Google	Long 73.252429° 03/05/23 01:21 PM GMT +05:00		
Condition			Good	F	air	Poor			
Approach	to Pun	np House	Good	F	air	Poor			
	-				Over	all Ratin			
Average S		1	2				3	4	5
Asset Cond	dition	Excellent		Goo	d		Fair	Poor	Failing
Catego	Category A						С	D	E
				Rema	rks /	Require	ments		
No rei	marks								
								<u> </u>	

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

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Bahawalnagar								
Form IDAMP				· · · ·		ion Plan Assessn	•	Asset (Code: te: 02-05-2023
Name		·	M	lode	l Tow	/n		Pictures	
Location	Latit	ude	2	9.97	7756	2			
Location	Long	itude	7	3.25	5707	0			
Address					Tow	•			
Installatio	- V	_	Ва		alnad 108	gar		b	
					1C				16-5
Installing A		у			1C			Bahāwalnagar, Punjab, Pal	GPS Map Camera kistan
Filtration	СУ	Capacity						X7H4+2RM, Bahāwalnagar, Baha Lat 29.977562°	awalnagar, Punjab, Pakistan
(Liter/Hou	ır)	Сараслој		20	000		Google	Long 73.25707° 03/05/23 01:31 PM GMT +05:00	
Operationa	al Hou	rs		1	.2			and all of the last of the las	No.
No. of Tap	s			8	8				
		Available)	No	ot Av	/ailal	ole			
Latest analysis ca	water				-		WAY.	MANNATA	
If yes,							-	* * * * *	GPS Map Camera
parameter	s?				-			Bahāwalnagar, Punjab, Pal X7H4+2RM, Bahāwalnagar, Baha Lat 29.977555°	
	of wat	er quality	-					Lat 29.977656° Long 73.257068° 03/05/23 01:31 PM GMT +05:00	Markenaka
analysis?	any	parameter					300gle	03/05/23 01.31 FM GM 1 +03.00	
	-	ermissible					b) to r		
		steps are	-						The state of the s
taken to water?	pro	vide safe					A Allen		The second
Plant Type	<u> </u>		RO UV			UV		·	GPS Map Camera
7,0					F	Public		Bahāwalnagar, Punjab, Pal X7H4+2RM, Bahāwalnagar, Baha	ristan
Source of	Water		Local Tube Water			Lat 29.977631° Long 73.256886°			
						Supply Non-	Google	03/05/23 01:38 PM GMT +05:00	
Working St	tatus		Functio	nal		non- nctional			
Pumping U	Jnit		Yes			No			
Control Pa	nel		Yes			No	-		A PART EL
Service Ca			Yes			No	-	0,555	A MARKET
Ultraviolet Lamp/Chlo		or	Yes			No	•	Bahāwalnagar, Punjab, Pal X7H4+2RM, Bahāwalnagar, Baha	
Takeaway	Hall C		Good	Fá	air	Poor		Lat 29.977672° Long 73.257081°	Mad State of the S
Building Condition		Structure	Good	Fá	air	Poor	Google	03/05/23 01:38 PM GMT +05:00	
Approach	to Pur	np House	Good		air	Poor			
					Over	all Ratin			
Average S		1		2	.1		3	4	5
Asset Cond		Excellent		Goo	a		Fair	Poor	Failing
Catego	ry	Α		В	nle c	Degrise	C	D	E
No rer	marks		R	emai	rks /	Require	ments		

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

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Bahawalnagar								
Form: Water Filtration Pla IDAMP-A4 Asset Condition Asses								Code: te: 02-05-2023	
Name		Sha	ahza	d Na	gar		Pictures		
Latit	ude			3964					
Location Long	itude	7	3.25	5589	7				
Address				d Na alna	-	308 d. v. 1			
Installation Year	r		20	05		NETSHARE W			
Installing Agenc	у		M	1C				GPS Map Camera	
O&M Agency			M	1C		•	Bahāwalnagar, Punjab, Pak Street No. 1, pani wali tenki, Bahāwaln		
Filtration (Liter/Hour)	Capacity		20	000		Google	Pakistan Lat 29.989647° Long 73.255897° 03/05/23 02:00 PM GMT +05:00		
Operational Hou	rs		1	.2				A VIVAL I	
No. of Taps				8		· coll	are I		
Effluent Test (If	<u>*</u> _	No	ot Av	/ailal	ble		X VIEW	1	
Latest water	, ,			-					
If yes, which parameters?		-					Bahāwalnagar, Punjab, Pak Street No. 1, pani wali tenki, Bahāwain	GPS Map Camera distan agar, Bahawalnagar, Punjab.	
Findings of war analysis?	ter quality	Pakistan Lat 29:989811* Long 73:255848* 03/05/23 02:00 PM GMT +05:00							
limit, which	parameter permissible steps are vide safe	-							
Plant Type		RO UV			UV			GPS Map Camera	
Source of Water		Local Tube Well Well Supply			Google	Bahāwalnagar, Punjab, Pak Street No. 1, pani wali tenki, Bahāwaln Pakāstan Lat 29.989807° Long 73.25683° 03/05/23 02:01 PM GMT +05:00			
Working Status		Functio	nal		Non- nctional	124-2007-1388V	1 1 1 1		
Pumping Unit		Yes			No		2/1		
Control Panel		Yes			No				
Service Cable		Yes			No		A PARTIES	GPS Map Camera	
Ultraviolet Lamp/Chlorinate		Yes			No		Bahāwalnagar, Punjab, Pak Street No. 1, pani wali tenki, Bahāwaln Pakistan	istan	
Takeaway Hall C		Good	Fa	air	Poor	Google	Lat 29.989807° Long 73.25583°		
Building Condition	Structure	Good		air	Poor	Sogie	03/05/23 02:01 PM GMT +05:00		
Approach to Pur	np House	Good		air	Poor				
				Over	all Ratin				
Average Score	1 5		2	.1		3	4	5	
Asset Condition	Excellen	τ	Goo	d		Fair	Poor	Failing	
Category	A		В		<u> </u>	C	D	E	
No remarks		R	ema	rks /	Require	ments			

Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Bahawalnagar						
Form: IDAMP-A4	As	Water Filtration Plant set Condition Assessment	Asset Code: Date: 02-05-2023			
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julih Sign & Date: 30 May 2023			
Data Checked By: I	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:** Date: 02-05-2023 **IDAMP-A4 Asset Condition Assessment Pictures** Name Hussainabad 29.994335 Latitude Location Longitude 73.269165 Hussainabad. **Address** Bahawalnagar **Installation Year** 2016 МС Installing Agency Bahāwalnagar, Punjab, Pakistan x7v9+WMX, Jalwala Rd, Bahāwalnagar, Bahaw MC **O&M Agency Filtration** Capacity 2000 Long 73.269165° 03/05/23 02:25 PM GMT +05:00 (Liter/Hour) **Operational Hours** 12 No. of Taps Not Available Effluent Test (If Available) Latest water quality analysis carried out? If yes, which lab and Bahāwalnagar, Punjab, Pakistan parameters? Findings of water quality ong 73.267021° 03/05/23 02:24 PM GMT +05:00 analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Inagar, Punjab, Pakistan Public Local Tube Source of Water Water Well Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No DURA2 Service Cable Yes No Ultraviolet Yes No Lamp/Chlorinator **Takeaway Hall Condition** Fair Good Poor **Building** Structure Good Fair Poor Condition Approach to Pump House Good Fair Poor **Overall Rating** Average Score 2 3 5 Asset Excellent Good Fair Poor Failing Condition Α D Ε Category Remarks / Requirements

Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A4	Water Filtration Plant Asset Code: Asset Condition Assessment Date: 02-05-20						
Temporary Non-Functional.							
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julih 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 Muslim Colony **Pictures** 29.999174 Latitude Location Longitude 73.262661 Muslim Colony, **Address** Bahawalnagar Installation Year 2016 МС Installing Agency Bahāwalnagar, Punjab, Pakistan MC **O&M Agency Filtration** Capacity 2000 (Liter/Hour) **Operational Hours** 12 No. of Taps Not Available Effluent Test (If Available) Latest water quality analysis carried out? GPS Map Camera If yes, which lab Bahāwalnagar, Puniab, Pakistar parameters? Findings of water quality Long 73.262661° 03/05/23 02:31 PM GMT +05:00. analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Bahāwalnagar, Punjab, Pakistan X7X7+M56, Jail Rd. Muslim Colony Bahāwalna Public Local Tube Source of Water Water Well Supply Non-**Working Status Functional Functional Pumping Unit** Yes No **Control Panel** Yes No Service Cable Yes No PWT Line GPS Map Camera Ultraviolet Yes No Bahāwalnagar, Punjab, Pakistan X7X7+M56, Jail Rd, Muslim Colony Bahāwalna Lamp/Chlorinator Punjab, Pakistan Lat 29.999101° Long 73.262847° 03/05/23 02:32 PM GMT +05:00 **Takeaway Hall Condition** Good Fair Poor **Building** Structure Good Fair Poor Condition Good Approach to Pump House Fair Poor **Overall Rating** Average Score 2 3 5 **Asset Condition** Excellent Good Fair Poor Failing Category Α В C D Ε Remarks / Requirements No remarks

Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Bahawalnagar						
Form: IDAMP-A4	As	Water Filtration Plant sset Condition Assessment	Asset Code: Date: 02-05-2023			
Data Collected Abdullah	By: Mr.	Designation: Team Member	Juldh 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)									
			Mun	icipal (omn	nittee Ba	ahawalnag	jar		
Form: IDAMP-A	4		Water Filtration Plant Asset Condition Assessm						Code: te: 02-05-2023	
Name			Civil Court Filtration					Pictures		
1:	.atitu	de	Plant 30.012041			11				
│ Location ├─	ongit.		73.254364							
	ongi	uue	Civil Co							
Address			Bahawalnagar			- •				
Installation \	Year			20)15					
Installing Ag	ency	,		Sessio	n Co	urt				
O&M Agency	,			N	1C					
Filtration (Liter/Hour)	ı	Capacity		20	000					
Operational H	Hour	s		1	L2					
No. of Taps					6					
Effluent Test	t (If A	Available)		Not A	vaila	ble				
	ater	quality			-					
analysis carr If yes, wh									GPS Map Camera	
parameters?	•		-					Bahāwalnagar, Punjab, Pa 2763+QWG Session Court, DC Offic Bahāwalnagar, Bahawalnagar, Punjal	e Rd, Officer Colony	
Findings of	wate	er quality	-				《	Lat 30.012041° Long 73.254364°	, ranstall	
analysis? In case of a	nv r	arameter					300gle	03/05/23 02:42 PM GMT +05:00		
above the		ermissible	-							
limit, which	-	teps are								
	prov	ide safe					P	P		
water?			50 107			111/				
Plant Type			- 1	RO		UV Public		Bahāwalnagar, Punjab, Pa	M GPS Map Camera kistan	
Source of Wa	ater			al Tube Vell	1	Water Supply		2763+QWG Session Court, DC Offic Bahāwalnagar, Bahawalnagar, Punjal Lat 30.012051° Long 73.25425°		
						Non-	Google	03/05/23 02:42 PM GMT +05:00	4.6.	
Working Stat	tus		Fund	ctional	Fu	nctional				
Pumping Uni	it		Υ	Yes		No				
Control Pane	el		Υ	Yes		No				
Service Cable	e		Υ	Yes		No				
Ultraviolet Lamp/Chlorii	natoi	r	Υ	Yes		No				
Takeaway Ha	all Co	ndition	Goo	od F	air	Poor				
Building Condition		Structure	Goo	od F	air	Poor				
Approach to	Pum	p House	Goo	od F	air	Poor				
					Over	all Ratin	<u> </u>			
Average Sco		1		2			3	4	5	
Asset Condit		Excellen	t	God	d		Fair	Poor	Failing	
Category		A		В			С	D	E	
				Rema	rks /	Require	ments			
• No rema	arks									

Int	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									
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julih Sign & Date: 30 May 2023						
Data Checked By: I	Mr. M. Fiaz	Designation: Team Lead	Sign & Date: 30 May 2023						

C. OHR

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

Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Bahawalnagar									
Form: IDAMP-A2	A	Over Head Reservoir Asset Condition Assessment				Asset Da	Code: te: 02-05-2023			
Name		Khad	lamaba	ad Tanki		Picture	S			
Lat	titude	3	30.006	957						
Location	ngitude	73.267264								
	•	KI	nadam	abad,						
Address		Ва	ahawal	nagar						
Year of Consti	ruction		198	3			20			
Capacity (UK	Gallons)		50,00	00						
Cleaning Free Year)	equency (Per		1							
Type of Struct	ure	F	rame,	RCC		# *				
Structure Con	dition	Good	Fair	Pod	or					
Tank Condition	ns	Good	Faiı	Pod	or					
Number Sluic	e Valve									
of Non- Valves Valve	Returning e						D GES Man Camera			
Working Statu	s	Abandoned				Bahāwainagar, Punjab, F 2748-V/23, Bahāwainsyar, Baha Lat 30.008557* Long 73.287284 ¹ 03/06/23 11:55 AM GMT + 05:00	Pakistan walnagar, Punjab, Pakistan S			
Rising Main	Dia					Mary Control of the C				
Trising main	Material					2/1/8/1				
Delivery Main	Dia Material						13 4			
Overflow &	Dia						17			
Scour Pipe	Material						3			
	Rising Main	Yes		No						
Chrise Valve	Delivery Main	Yes		No						
Sluice Valve	Scour Pipe	Yes		No		4 /5				
	Overflow Pipe	Yes		No						
Stair Case		Yes		No						
Apron Around		Yes		No						
Tank Top Raili Top Indication	•	Yes Yes		No No						
Lightening Ari	-	Yes		No			A STATE OF THE STA			
Boundary Wall		Yes		No		Bahāwainagar, Punjab, F 2748+VQ3, Behēwainegar, Baha	GPS Map Camera Pakistan welnager, Punjab, Pakistan			
Overflow Arrangements	Disposal	Yes		No		Lat 30.008552* Long 73.20734* 03/05/23 11:50 AM GMT +05:01				
Approach to O	HR	Good	Fair							
				rall Rati						
Average Score			2		3	4	5			
Asset Conditio		G	ood		Fair	Poor	Failing			
Category A			В		С	D	Е			
		Rer	narks	/ Requir	ements					
No remark	S	_								
Data Collect Abdullah	Designation: Team Member			ember	Jul	Sh				

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

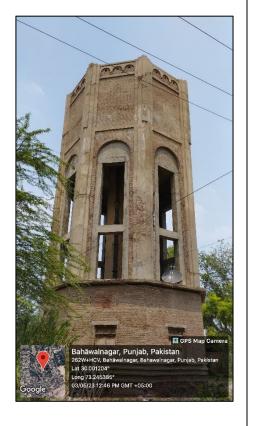
Integrated Development And Asset Management Plan (IDAMP)									
		ı	Municipa	l Co	mmi	ttee Bah	awalnaç	jar	
Form			Over Head Reservoir					Asset	
IDAMP-A2			Asset Condition Assessmer			ssessme	nt	Da	te: 02-05-2023
Name			Al Quresh Colony New					Picture	S
Location	Latit	ude	3	0.0	0120)9			
Location	Long	itude	7	3.2	4536	50			
Address	l		AI Q	ures	h Co	lony,	1		
Audress			Ва	haw	alna	gar			
Year of Co	nstru	ction		20	007				
Capacity (UK Ga	allons)		100	,000)			
Cleaning Year)	Freq	uency (Per			1				
Type of St	ructu	re	F	ram	e, R	CC			
Structure	Condi	tion	Good	F	air	Poor			
Tank Cond	litions		Good	F	air	Poor			
Number S	Sluice	Valve			4				
of N	Non-R	eturning							
	/alve	•	1						
Working S	Working Status		Functio	Functional					
Rising Mai	n D	Dia	8"						
Kisiliy Mai	N	Material			/IS				
Delivery M	lain —	Dia	6"						
	N	Material	MS 6" MS						
Overflow Scour Pipe		Dia Material							
Scoul Fipe		Rising Main	Yes	1\	13	No			
	Г	Delivery Main	Yes			No		No.	
Sluice Valv	VA —	cour Pipe	Yes			No			GPS Map Camera
		verflow Pipe	Yes			No		Bahāwalnagar, Punjab 262W+HCV, Bahāwalnagar, Ba	, Pakistan hawalnagar, Punjab, Pakistan
Stair Case		-	Yes			No		Lat 30.001209° Long 73.24536°	
Apron Aro			Yes			No	Google	03/05/23 12:46 PM GMT +05:	00
Tank Top I			Yes			No		PLUTON OF THE	
Top Indica			Yes			No			
Lightening Boundary			Yes Yes			No No			
Overflow	wall 6	Disposal							
Arrangem	ents	Disposal	Yes			No			
Approach		R	Good	Fá	air	Bad			
			,			l Rating			
Average So	core	1		2			3	4	5
Asset		Excellent	G	ood		Fa	air	Poor	Failing
Conditio	n								J
Categor		А		В		(С	D	E
	<u> </u>		Ren	nark	s/F	Reguirem	ents		
• Leakad	ge								
	-								

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 Development And Asset Management Plan (IDAMP)

Municipal Committee Bahawalnagar

			wameipa			tee Dani	a w (
Form: IDAMP-		A				servoir ssessme	nt
Name			Al Qui	esh	Colo	ny Old	
Location	Latit	ude	m	0.0	0120	14	
Location	Long	itude	7	'3.2	4538	5	
Address					h Co alna	lony, gar	
Year of Cor	nstru	ction		19	965		
Capacity (L	JK Ga	illons)					
Cleaning Year)	Freq	uency (Per					
Type of Str	uctu	re	Br	ick N	/laso	nry	
Structure (Good	F	air	Poor			
Tank Condi	Good	F	air	Poor			
Number S	Valve						
	on-Re	eturning					
Valves V	alve						
Working St	atus		F	ban	done	ed	
Rising Mair	`	Dia					
Tribing Man	N	1aterial					
Delivery Ma	ain 💳)ia					
Overflow		Material Dia					1
Overflow Scour Pipe	~	na Naterial					
Scoul Fipe		Rising Main	Yes		No		
	Г	elivery Main	Yes		No		
Sluice Valv	_	cour Pipe	Yes		No		
	C	verflow Pipe	Yes		No		
Stair Case			Yes			No	
Apron Arou			Yes			No	
Tank Top R			Yes			No	
Top Indicat		•	Yes			No	
Lightening			Yes		No		
Boundary V Overflow	vali &	Disposal	Yes			No	-
Arrangeme	Yes			No			
Approach t		R	Good	Fá	air	Bad	
,,						Rating	
					,		



Asset Code:

Pictures

Date: 02-05-2023

Average Score	1	2	3	4	5				
Asset	Excellent	Good	Fair	Poor	Failing				
Condition									
Category	Α	В	С	D	Е				
Remarks / Requirements									
No remarks	3								
Data Collect Abdullah	ed By: Mr.	Designation: Te	eam Member	Sign & Date: 30					
				.00	ba				

Data Checked By: Mr. M. Fiaz Designation: Team Lead

Sign & Date: 30 May 2023

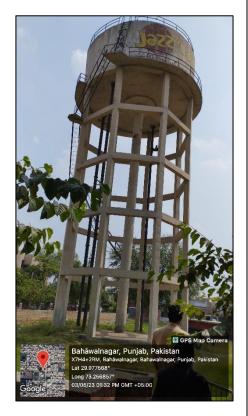
Asset Code:

Pictures

Date: 02-05-2023

Integrated Development And Asset Management Plan (IDAMP)

For IDAMI		A	Over Head Reservoir Asset Condition Assessme				
Name			Model Town New				
Location	Lat	titude	29.977568				
Location	Lor	ngitude	73.256857				
Address			Мос	lel Tov	/n,		
Auuless			Baha	awalna	gar		
Year of C	onstr	ruction		2007			
Capacity	(UK (Gallons)	10	00,000)		
Cleaning Frequency (Per Year)				1			
Type of S	truct	ure	Fra	me, R0	CC		
Structure Condition			Good	Fair	Poor		
Tank Conditions			Good	Fair	Poor		
Number	Sluic	e Valve		4			
of	Non-	Returning		1			
Valves	Valve	e		_			
Working	Statu	s	Functiona Non- Functional				
Rising Ma	ain	Dia		8"			
IXISIIIG IVIC	2111	Material	MS				
Delivery	Main	Dia		6"			
		Material		MS 6"			
Overflow Scour Pip	&	Dia Material		MS			
Scoul Fij	<i>)</i>	Rising Main	Yes	IVIS	No		
		Delivery Main			No		
Sluice Va	lve	Scour Pipe	Yes		No		
		Overflow Pipe	Yes		No		
Stair Cas	e		Yes		No		
Apron Ar			Yes		No		
Tank Top			Yes		No		
Top Indic	ation	Light	Yes		No		



Lightening Arr	ester	Yes		No			
Boundary Wall	& Gate	Yes		No			
Overflow Disposal Arrangements		Yes No					
Approach to OHR		Good	Fair	Bad			
			Overa	II Rating			
Average Score	1		2	(1)	3	4	5
Asset Condition	Excellent	Good		Fa	air	Poor	Failing
Category	Α		В	С		D	E
		Ren	narks / I	Reguirem	ents		
• Leakage							
Data Collect Abdullah	Data Collected By: Mr. Designation: Team Member						
Data Checked E		_		eam Lead		Sign & Date: 30	•

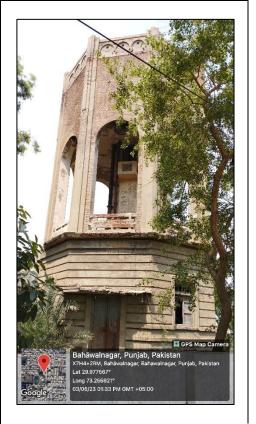
Integrated Development And Asset Management Plan (IDAMP)

Municipal Committee Bahawalnagar

Form: Over Head Reservoir Asset Code: ______ IDAMP-A2 Asset Condition Assessment Date: 02-05-2023 ame Model Town Old Pictures

Name Model Town Old Latitude 29.977567 Location Longitude 73.256921 Model Town, **Address** Bahawalnagar Year of Construction 1965 Capacity (UK Gallons) Cleaning Frequency (Per Year) **Brick Masonry** Type of Structure Structure Condition Good Fair Poor **Tank Conditions** Good Fair Poor Number | Sluice Valve of Non-Returning Valves Valve **Abandoned Working Status** Dia **Rising Main** Material Dia **Delivery Main** Material Overflow & Dia Scour Pipe Material Yes No **Rising Main** Sluice Valve

Delivery Main



No

Yes

	Scour Pipe	Yes		No			
	Overflow Pipe	Yes		No			
Stair Case		Yes		No			
Apron Around	OHR	Yes		No			
Tank Top Railing		Yes		No			
Top Indication		Yes		No			
Lightening Arr		Yes		No			
Boundary Wall		Yes		No			
Overflow Arrangements	Disposal	Yes		No			
Approach to O	HR	Good	Fair	Bad			
			Overal	l Rating			
Average Score	1	2		(3)	3	4	5
Asset	Excellent	God	od	Fair		Poor	Failing
Condition							
Category	Α	В		С		D	Е
		Rema	rks / F	Requirem	ents		
No remark	(S						
Data Collect Abdullah	Designation: Team Member			ber	Jud Sign & Date: 30		
Data Checked I	Designa	tion: Te	eam Lead	1	May Sign & Date: 30	hry May 2023	

	In	tegrated De	velopment	And A	sset Mar	agement Plan (ID	AMP)					
	Municipal Committee Bahawalnagar											
Form: IDAMP-A2 A			Over He sset Condi				Asset Code: Date: 02-05-2023					
Name			Sheh	zad Na	ıgar	Pi	ctures					
Location	Latitu	ıde	29	.98980)4							
Location	Longi	tude	73	.25582	28							
Address			Shehzad Nagar, Bahawalnagar									
Year of C	onstruc	tion	2003									
Capacity	(UK Gal	lons)	50,000									
Cleaning Year)	Frequ	ency (Per	1									
Type of S	tructur	e	Fra	me, RO	CC							
Structure	e Condit	ion	Good	Fair	Poor							
Tank Con	ditions		Good	Fair	Poor							
Number	Sluice \	/alve		4								
of Valves	Non-Re Valve	turning	1									
Working Status		Functiona Non- Functional										
Rising Ma	ain Di	a		12"								

	Material	MS						
Delivery Main	Dia		3	3"				70
Delivery Main	Material		N	۸S				THE REAL PROPERTY.
Overflow &	Dia		3	3"				
Scour Pipe	Material		N	ΛS		e meri		
	Rising Main	Yes			No			
Sluice Valve	Delivery Main	Yes			No			
Siuice vaive	Scour Pipe	Yes	,		No			
	Overflow Pipe	Yes		No				
Stair Case		Yes	,		No			
Apron Around	OHR	Yes			No	(34%		
Tank Top Raili	ng	Yes	,		No			
Top Indication		Yes			No			
Lightening Arr		Yes			No			
Boundary Wall		Yes			No			
Overflow	Disposal	Yes			No	6 ₅ () 'n	The same of the	
Arrangements		res	•		NO		the second	
Approach to O	HR	Good Fair			Bad		Bahāwalnagar, Punjab Street No. 1, pani weli tenki, Bahā Pakistan La 12,968904* Long 73,28622* 03,05/23 02:01 PM GMT +05:00	©PS Map Camera , Pakistan wamagar, Bahawainagar, Punjab,
				veral	Rating			
Average Score	1		2		3		4	5
Asset Condition	Excellent	G	ood		Fa	nir	Poor	Failing
Category	Α		В		(2	D	E
		Rei	mark	s/F	Requirem	ents		
No remark	S				•			
Data Collect Abdullah	Designation: Team Member			ber	Julish Sign & Date: 30 May 2023			
Data Checked I	Desig	natio	on: Te	eam Lead	1	Sign & Date: 30 May 2023		

Integrated Development And Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar											
Form: IDAMP-A2	A	Over Head Reservoir sset Condition Assessment				Asset (Code: te: 02-05-2023				
Name		Main Water Works Ford Wah				Pictures	5				
Lati	itude	30.016052									
location ——	gitude		3.2538								
	9.000		d Wah C								
Address			hawaln	•							
Year of Constru	uction		1967								
Capacity (UK G	allons)		100,00	0							
	quency (Per		1			Q.					
Type of Structu	ure	F	rame, R	CC			-				
Structure Cond	lition	Good	Fair	Poor							
Tank Conditions	S	Good	Fair	Poor							
Number Sluice	e Valve		4	_							
of Non-Fi	Returning	1									
Working Status	3	Functiona Non- Functional									
Dicing Main -	Dia	12"									
_	Material	MS									
Dalivary Main -	Dia	8"									
	Material Dia	MS 8"									
_	Material	MS									
	Rising Main	Yes	IVIS	No	A						
	Delivery Main	Yes		No							
Sluice Valve	Scour Pipe	Yes		No			GPS Map Camera				
	Overflow Pipe	Yes		No	CADE	Bahāwalnagar, Punjab 2783+6GV, Bahāwalnagar, B					
Stair Case		Yes		No	a V	Lat 30.016052° Long 73.253856°					
Apron Around (Yes		No	Google	03/05/23 02:49 PM GMT +0	5:00				
Tank Top Railin	•	Yes		No		TIP.					
Top Indication	•	Yes		No							
Lightening Arre		Yes		No							
Boundary Wall		Yes		No							
Overflow Arrangements	Disposal	Yes		No							
Approach to Oh	HR	Good	Fair	Bad							
		Overall Rating									
Average Score 1		2				4	_				
Average Score	1		2	3)	4	5				
Average Score Asset Condition		G	2 ood	Fa		Poor	5 Failing				
		G			ir						
Asset Condition	Excellent		ood B	Fa	ir C	Poor	Failing				

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

Integrated Development And Asset Management Plan (IDAMP)												
	Municipal Committee Bahawalnagar											
Forn IDAMP		A			eservoir Assessmen	nt	Asset Code: Date: 02-05-2023					
Name			City	Water	Tanki		Picture	s				
	Lat	itude	30.000708									
Location	Location		7	3.2584	.94							
Address		,										
Year of Co	onstr	uction										
Capacity												
Cleaning		quency (Per						F1 -				
Year)		, , , , ,				200	********** **************************					
Type of S	truct	ure		Masonr	у	M	7					
Structure	Con	dition	Good	Fair	Poor	1						
Tank Cond	ditior	ıs	Good	Fair	Poor	0)						
Number	Sluic	e Valve			,		T. W.	The state				
	Non-	Returning						TO THE WAY				
Valves	Valve	•					111					
Working S	Statu	s	Abandoned									
Rising Ma	in	Dia										
Tribing ind		Material				4 4						
Delivery N	Main	Dia										
Overflow	&	Material Dia										
Scour Pip	-	Material										
ocour i ip		Rising Main	Yes		No							
66.2		Delivery Main	Yes		No	The same of the sa						
Sluice Val	ive	Scour Pipe	Yes		No			A COM				
		Overflow Pipe	Yes		No	Bahāwalnagar, Punjab, Pakistan		, Pakistan				
Stair Case			Yes		No	2725+8FC, Tehsii Bazaer Rd, Bahāwalnagar, Bahawa Pakistan		awalnagar, Bahawalnagar, Punjab,				
Apron Arc			Yes		No	Google	Long 73.258494" 03/05/23 03:03 PM GMT +05:00					
Tank Top		•	Yes		No			and the same of th				
Top Indica Lightenin			Yes Yes		No No							
Boundary			Yes		No							
Overflow Arrangem		Disposal	Yes		No							
Approach			Good	Fair	Bad							
				Overa	II Rating							
Average S	core	1		2	3		4	5				
Asset Condition		Excellent	Go	ood	Fai	r	Poor	Failing				
	Category A			В	С		D	E				
			Rem	narks /	Requireme	ents						
No rei	mark	s			,							
• No remarks Data Collected By: Mr. Designation: Team Member Abdullah								Sh				

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

D. GST

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

		Integrated D	evelopme	nt and A	sset Man	agemer	nt Plan (IDAMP)			
Municipal Committee Bahawalnagar										
Form IDAMP			Ground Storage Reservoir Asset Condition Assessment				Asset Code: Date: 02-05-2023			
Name			Al Quresh Colony			Pictures				
Location	Latitude		3	0.00130	6					
Location	Long	jitude	7	3.24557	5					
Address				uresh Co hawalna	•					
Year of Co	nstru	ction		2007						
Capacity (UK G	allons)		100,000				V		
Cleaning Year)	Frequ	uency (Per		1				GPS Map Camera Pakistan Bahawalnagar, Punjab, Pakistan		
Type of St	ructu	re	Masonry				Lat 30.001306° Long 73.245575° 03/05/23 12:47 PM GMT +08			
Structure	Condi	tion	Good	Fair	Bad	Google	5:00			
l	Sluice	Valve	4							
	Non-R Valve	eturning	1							
Working S	tatus		Functional Non- Functional							
Incoming	<u> </u>	Dia	8"				Bahāwalnagar, Punjab,	GPS Map Camera Pakistan		
Main		<u>Material</u>		MS 8"			262W+HCV, Bahāwainagar, E Lat 30.00132°	Bahawalnagar, Punjab, Pakistan		
Delivery M	1ain —	Dia Material		MS		Google	Long 73.245671° 03/05/23 12:47 PM GMT +08	5:00		
Cover Slal			Good	Fair	Poor			A STATE OF THE STA		
Approach			Good	Fair	Poor					
Boundary			Yes		No					
				Overal	l Rating					
Average	Score	1		2	3	<u> </u>	4	5		
Asset Con	dition	Excellent	G	iood	Fa	ir	Poor	Failing		
Catego	ory	А		В	C	:	D	E		
			Rei	marks / F	Requirem	ents				
• No rer	narks									
Data Co Abdullah	ollecte	d By: M	Tr. Designation: Team Member			ber	Jul	Sh		

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

	Integrated Development and Asset Management Plan (IDAMP)										
				Municipa	ıl Commi	ttee Bah	awalnag	ar			
Form				Ground Storage Reservoir			Asset				
IDAMP	IDAMP-A3 A				Asset Condition Assessment				te: 02-05-2023		
Name					odel Towr			Picture	s		
Location	Lat	itu	de		9.97746		=				
	Lon	git	ude		3.25692		=				
Address					odel Tow	•	and the	_ **-			
Year of Co	netr	uct	ion	Dd	hawalnad 2000	Jai			S. Comments		
Capacity (100,000		Links	SHIP MINE TO SELECT	N LESS		
Cleaning	Fred								GPS Map Camera		
Year)		juc	ney (i ci		1			Bahāwalnagar, Punjab, X7H4+2RM, Bahāwalnagar, E			
Type of St	ruct	ure)		Masonry			Lat 29.97746° Long 73.256923°			
Structure	Cond	liti	on	Good	Fair	Bad	Google	03/05/23 01:40 PM GMT +0	5:00		
Number 5	Sluice	e V	alve		4			ADDITION AND ADDITION OF A DESCRIPTION O			
1 1			urning		1				1分厘量		
Valves	Valve	<u> </u>		Non-				15			
Working S	tatus	5		Function	nall	nctional	to the same				
Incoming		Dia	3		8"			Bahāwalnagar, Punjab,	GPS Map Camera		
Main			iterial		MS				Bahawalnagar, Punjab, Pakistan		
Delivery M	lain –	Dia		8"			Boogle	Long 73.256934° 03/05/23 01:40 PM GMT +0	5:00		
Cover Slal			iterial	MS Good Fair Poor			Joogle		and the second s		
Approach				Good	Fair	Poor					
Boundary				Yes		No					
-					Overal	1 Rating					
Average S	core		1		2	3	3	4	5		
Asset			Excellent	G	Good	Fa	nir	Poor	Failing		
Condition	on										
Catego	γ		Α		В	(D	E		
				Rei	marks / F	Requirem	ents				
No rer	narks	5									
Data Collected By: Mi Abdullah			r. Designation: Team Member			ber	Julop				
								Sign & Date: 30	May 2023		
Data Checked By: Mr. M. Fiaz				Designation: Team Lead			Mayfry				
							Sign & Date: 30	May 2023			

		Integrated [evelopme	ent and A	Asset Mar	nagemer	nt Plan (IDAMP)			
Municipal Committee Bahawalnagar										
For IDAM			Ground Storage Reservoir Asset Condition Assessment				Asset Code: Date: 02-05-2023			
Name			Model Town 2			Pictures				
Looption	Lat	itude	29.977460							
Location	Lor	ngitude	7	73.25692	23					
Address				lodel Tov	•					
Year of C	onstr	uction	Do	hawalna 2013	yaı			and the same		
Capacity				100,000	<u> </u>					
Cleaning Year)		quency (Pei		1	,		Bahāwalnagar, Punjab, I			
Type of S	Struct	ure		Masonry	/		Lat 29.977399°	Bahawalnagar, Punjab, Pakistan		
Structur	e Con	dition	Good	Fair	Bad	Google	Long 73.256927° 03/05/23 01:40 PM GMT +08	5:00		
Number	Sluic Valve	e Valve+Air		4+1	_	ad position to				
Valves	Non- Valve	Returning 2	1							
Working	Statu	s	Functio	Functional Non-Functional				GPS Map Camera		
Incoming)	Dia		10" Bahāwalnagar, Punjab, Pakistan X7H4+2RM, Bahāwalnagar, Bahawalnagar, Punjab						
Main		Material	MS 8"				Lat 29.977488° Long 73.256882°			
Delivery	Main	Dia Material	MS 8"			Google	03/05/23 01:40 PM GMT +0	5:00		
Cover SI	ab Cor		Good							
		Condition	Good	Fair	Poor					
Boundar	y Wall	& Gate	Yes		No					
				Overa	II Rating					
Average	Score	1		2	3	3	4	5		
Asse Condit		Excellent	G	Good	Fa	nir	Poor	Failing		
Categ	ory	Α		В	(3	D	Е		
			Re	marks /	Requirem	ents				
• No re	emark	s								
Data (Abdullah	Collect	ed By: I	Mr. Desig	Ir. Designation: Team Member			butch			
							Sign & Date: 30	May 2023		
Data Che	cked E	By: Mr. M. Fia	z Desig	nation: T	eam Lead	1	Want	by		
							Sign & Date: 30	May 2023		

		Integrated D	evelopme	nt and A	sset Man	agemer	nt Plan (IDAMP)				
	Municipal Committee Bahawalnagar										
Forn			Ground Storage Reservoir			Asset Code:					
IDAMP	'-A3	-	Asset Condition Assessment				Da	te: 02-05-2023			
Name	1		Sha	ahzad Na	gar		Picture	S			
Location	Lati	tude	29.989757								
	Lon	gitude		3.25573							
Address				ahzad Nag hawalnag	-						
Year of Co	onstru	ıction	Da	2007	jai						
Capacity				100,000		-	THE STATE OF THE S	W			
Cleaning Year)		uency (Per		1			Bahāwalnagar, Punjab, Street No. 1, pani wali tenki, Bahā	GPS Map Camera Pakistan			
Type of S	tructu	ire		Masonry			Pakistan Lat 29.989757°				
Structure	Cond	ition	Good	Fair	Bad	Google	Long 73.255738° 03/05/23 02:01 PM GMT +05:00				
Number	Sluice	Valve		4							
	Non-R Valve	Returning		1							
Working S	tatus		Function	ובח	Non- nctional	THE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I					
Incoming	_	Dia		12"			Bahāwalnagar, Punjab,	GPS Map Camera			
Main		Material	MS				Street No. 1, pani wali tenki, Baha Pakistan	walnagar, Bahawainagar, Punjab,			
Delivery N	⁄lain –	Dia Material	8" MS			Google	Lat 29.989733° Long 73.255787° 03/05/23 02:01 PM GMT +05:00				
Cover Sla			Good Fair Poor								
		Condition	Good	Fair	Poor						
Boundary	Wall	& Gate	Yes		No						
				Overal	l Rating						
Average S	core	1		2	3	3	4	5			
Asset		Excellent	G	Good	Fa	ir	Poor	Failing			
Condition											
Catego	ry	Α		B			D	E			
. Name	m = =!		Kei	marks / F	keguirem	ents					
No rei	marks							4.			
Data Collected By: M Abdullah			Designation: Team Member			ber	butch				
							Sign & Date: 30	May 2023			
Data Chec	ked B	y: Mr. M. Fiaz	Designation: Team Lead			1	white				
							Sign & Date: 30 May 2023				

		Integrated D	evelopme	nt and A	sset Man	agemer	nt Plan (IDAMP)		
			Municipa	l Commi	ttee Baha	awalnag	jar		
Forn IDAMP			Ground Storage Reservoir Asset Condition Assessment				Asset Code: Date: 02-05-2023		
Name		_	Dec	gree Colle	ege		Picture	s	
	Lati	itude	2	9.99416	1				
Location	Lon	gitude	73.267096						
Address			_	ree Colle hawalnag				Man Hall	
Year of Co	onstru	uction		2007				BR"HOR	
Capacity	(UK G	allons)		100,000					
Cleaning Year)		uency (Per		1			Bahāwalnagar, Punjab, X7V8+PW5, Bypass, Bahāwalnag	GPS Map Camera Pakistan ar, Bahawalnagar, Punjab, Pakistan	
Type of S	tructi	ıre		Masonry			Lat 29.994161° Long 73.267096°		
Structure	Cond	lition	Good	Fair	Bad	Google	03/05/23 02:18 PM GMT +05:00		
Number	Sluice	· Valve		4					
	Non-F Valve	Returning		1					
Working S	itatus	i	Function	nai Fur	Non- ictional				
Incoming	_	Dia		10"			Bahāwalnagar, Punjab,		
Main		Material Dia		MS O''			Lat 29.994161°	ar, Bahawalnagar, Punjab, Pakistan 🥻	
Delivery N	⁄lain ⊢	Dia Material	8" MS			Google	Long 73.267096° 03/05/23 02:18 PM GMT +05:00	4 3	
Cover Sla			Good	Fair	Poor			The Man Water Land of the Control of	
		Condition	Good	Fair	Poor				
Boundary			Yes		No				
				Overal	l Rating				
Average S	core	1		2	3	}	4	5	
Asset		Excellent	G	iood	Fa	ir	Poor	Failing	
Condition	on								
Catego	ry	Α		В	C		D	E	
			Rer	marks / F	Requirem	ents			
No rei	marks		ı				<u> </u>		
Data Collected By: M Abdullah			1r. Designation: Team Member			Sign & Date: 30	Sh May 2023		
Data Chec	Data Checked By: Mr. M. Fiaz			Designation: Team Lead			Sign & Date: 30 May 2023		
							1 5.91. a Date. 50	a, LoLo	

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

		ntegrated De				
			Municipal	Cor	nmit	tee Baha
Form		Intermedi				
IDAMP	-A1	Asset Co		sse	ssme	ent
Name		Asset D	Al Q	uros	h Co	lony
	Latitu	de			0130	
Location	Longit				4557	
Address	, ,,,,		Al Qi	ures	h Co	lony,
Auui E35			Ва	haw	alna	gar
Area (Mai	rla)				2	
Working S	Status		Functio	nal		Non- nctional
	tion Ye	ar of Water		20	000	· · ·
Works	\/ -	· (D	2027			2007
Installatio		•	2007			2007
Capital Co		•	3			3
Operation Delivery	Dia	>	6"			<u> </u>
Pipe	Materi	al	MS			MS
		mp House	Yes			No
Hoisting (p	Yes			No
Civil Stru		ondition	Good	Fá	air	Poor
Approach	to Pum	-	Good	Fá	air	Poor
		Pump De			ı	
			Pump			ump B
Pump Typ			Centrifu	-		ntrifugal
Pump Ma		21 4 0	MECC)	l	MECO
		ty (Cusec)	1 470			2
Rotationa Head (ft.)		(KPM)	1470 100)		1470 100
Paint of F		Unit	Poor	,		Poor
Number	Gate V		2			2
of	Non-R	eturning	2			2
Valves	Valve					

Integrated Development and Asset Management Plan (IDAMP)										
	N	Municip	oal Cor	nmitt	ee Baha	awalnag	ar			
Form: IDAMP-A1	Intermedia Asset Co						Asset Code: Date: 02-05-2023			
Base Plate		Yes	No	Yes	No					
Electro	-Mechanical E	quipme	nt De	tails						
Transformer Ca	•			00						
Sanctioned Loa				1						
Motor Power (H	IP)	5	0		50					
Motor Make		Sien			mens					
MCU		Ye	es		No					
Earthing of Mot	or	Ye			No					
Power Wiring		Ye			No					
Service Cable		Ye			No					
Earthing of MC	U	Ye			No					
Energy Meter		Ye			No					
Water Meter		Ye			No					
PFI Equipment		Ye			No					
Generator		Ye			No					
Change Over		Ye			No					
		T		erall I	Rating			_		
Average Score	1		2		3		4	5		
Asset Condition	Excellent		Good		Fa	iir	Poor	Failing		
Category	Α		В		C		D	Е		
		R	emark	s / Re	guirem	ents				
No remarks	5	1								
Data Collected E	h Designation: Team Member			ber	Sign & Date: 30					
Data Checked B	y: Mr. M. Fiaz	Desig	gnatio	n: Tea	m Lead		Sign & Date: 30	 by May 2023		

		Integrated De	velopme	nt ar	nd As	set Man	agement F
		1	Municipa	l Cor	nmitt	ee Baha	nwalnagar
Forn IDAMP		Intermedi Asset Co					
		Asset Do	etail				
Name					own (
Location	Latitu				77460		
Location	Longi	tude	7	73.25	6923	3	
Address	ress				Town		
71441655			Ba	haw	alnag	ar	
Area (Ma	rla)				2		
Working S	Working Status			nal		lon- ctional	
Construc Works	Construction Year of Water Works			20	07		
Installati	on Yea	r of Pump	200	7	2	007	() S
Capital C	ost of I	Machinery					600
Operation	nal Hou	rs	3			3	
Delivery	Dia		6"			6"	20
Pipe	Mater	ial	MS			MS	
Apron Ar	ound P	ump House	Yes		No		
Hoisting	Girder		Yes		No		
Civil Stru	cture (Condition	Good Fa		air Poor		Google
Approach	to Pur	np House	Good	Fá	air	Poor	
		Pump De	tails				
			Pump	Α	Pu	mp B	i
Pump Ty	pe		Centrifugal		Centrifugal		
Pump Ma	ke		KSB		KSB		
Discharge	e Capac	city (Cusec)	1.5		1.5		
Rotation	al Spee	d (RPM)	1470	0	1470		Value (
Head (ft.))		100)		100	Google
Paint of F	umpin	g Unit	Fair		Fair		Committee of the Commit
Number	Gate '	Valve	2			2	
of Valves	Non-F Valve	Returning	2			2	
Base Plat	te		Yes	No	Yes	No	
E	Electro-	Mechanical E	quipmen	t Det	tails		CONSUMERAL P
Transform	ner Caj	pacity (kVA)	200	O (Co	mbine	ed)	
Sanction	ed Load	(Kwh)		12	21		L Commonweal L
Motor Po	wer (H	P)	40			40	Google
Motor Ma	Motor Make		Sieme	ns	Sie	mens	
MCU			Yes			No	
Earthing	Earthing of Motor		Yes			No	
Power Wi	ring		Yes			No	
Service C	able		Yes			No	
Earthing of MCU		Yes			No		
Energy M	Energy Meter		Yes		No		
Water Me	ter		Yes		No		
PFI Equip	ment		Yes			No	
Generato	r		Yes			No	
				_	- <u>-</u>	·	



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	Integrated Dev	velopment and .	Asset Man	agemer	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: Intermediate Pumping Station IDAMP-A1 Asset Condition Assessment					Asset Code: Date: 02-05-2023					
Change Over		Yes								
Overall Rating										
Average Score	1	2	3	3	4	5				
Asset Condition	Excellent	Good	Fair		Poor	Failing				
Category	Α	В	C)	D	E				
		Remarks /	Requirem	ents						
No remarks	;									
Data Collected I	By: Mr. Abdullah	Designation: Team Member			Julih Sign & Date: 30 May 2023					
Data Checked B	By: Mr. M. Fiaz	Designation: 1	eam Lead		Sign & Date: 30	hy				

		Integrated De	velopmei	nt ar	nd As	sset Man	agement F
			Municipa	l Cor	nmit	tee Baha	walnagar
Form IDAMP		Intermedi Asset Co		_			
		Asset Do	etail				
Name	T			02			
Location	Latitu			29.97			
	Longi	tude	7				
Address				lodel haw		•	
Area (Mai	rla)				2		
Working S	Working Status		Functio	nal	Fu	Non- nctional	
Construction Year of Water Works			20	13			
Installation	nstallation Year of Pump		2013	3		2013	A CO
Capital Co	ost of N	Machinery					
Operation	al Hou	rs	3		Aba	andoned	
Delivery	Dia		6"			6"	
Pipe	Mater	ial	MS			MS	
Apron Ar	ound P	ump House	Yes		No		
Hoisting (Girder		Yes		No		
Civil Stru	cture (Condition	Good	Fá	air	Poor	500gle
Approach	to Pur	np House	Good	Fá	air	Poor	
		Pump De	tails				
			Pump	Α	Р	ump B	
Pump Typ	oe .		Centrifugal				
Pump Ma	ke		MECO				
Discharge	Capac	ity (Cusec)	2				
Rotationa	I Spee	d (RPM)	1470)			声 企
Head (ft.))		100)	Abandoned		Google
Paint of F	umpin	g Unit	Fair		Ab	andoned	产业大型证据
Number	Gate '	Valve	2				
of Valves	Non-F Valve	Returning	2				
Base Plat	e		Yes	No			
E	lectro-	Mechanical E	quipmen [.]	t Det	tails		
		pacity (kVA)) (Co		ned)	
Sanctione	d Load	l (Kwh)		12	21		
Motor Po	wer (HI	P)	50			50	Google
Motor Ma	Motor Make		Sieme	ns	Si	iemens	
MCU			Yes			No	
Earthing	of Moto	or	Yes			No	
Power Wi	ring		Yes			No	
Service C	Service Cable		Yes			No	
Earthing of MCU		Yes			No		
Energy M	Energy Meter		Yes		No		
Water Me			Yes		No		
PFI Equip			Yes		No		
Generato			Yes			No	
2 33. 4.0							l



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	Integrated Dev	velopment and A	sset Man	agemer	nt Plan (IDAMP)					
Municipal Committee Bahawalnagar										
Form: Intermediate Pumping Station IDAMP-A1 Asset Condition Assessment					Asset Code: Date: 02-05-2023					
Change Over		Yes								
Overall Rating										
Average Score	1	2	3	1	4	5				
Asset Condition	Excellent	Good	Fair		Poor	Failing				
Category	Α	В	C	;	D	E				
		Remarks /	Requireme	ents						
 No remarks 										
Data Collected I	By: Mr. Abdullah	Designation: T	Designation: Team Member			Juloh				
					Sign & Date: 30	May 2023				
Data Checked B	y: Mr. M. Fiaz	Designation: T	eam Lead		Wanter					
					Sign & Date: 30	May 2023				

		Internated De	velen me	ant and l	Nood M				
		Integrated De	velopme	ent and A	ASSET M	anageme	ent		
		ı	Municipa	al Comm	ittee Ba	hawalna	ıga		
Form IDAMP	- •	Intermedi Asset Co							
		Asset	et Detail						
Name				Shahza	d Nagar				
	Latitu	ıde			39757				
Location	Longi	tude		73.25	55738				
Address			Shahza	ad Nagar	, Bahaw	alnagar			
Area (Mar	·la)			- 2	2				
Working S	status		Func	tional		on- tional			
Construct Works	tion Ye	ear of Water		19	83				
Installatio	n Yea	r of Pump	2005	2005	1993	1993			
		Machinery							
Operation			3	3	3	3			
Delivery	Dia		6"	6"	6"	6"	1		
Pipe	Mater	ial	MS	MS	MS	MS	S		
Apron Arc	ound P	ump House	Υ	es	N	lo			
Hoisting (Girder		Yes		N	lo			
Civil Stru	cture (Condition	Good	Fa	air	Poor	ALLESSEN.		
Approach	to Pur	np House	Good Fa		air Poor		Colores		
		Pump	Details	·			100		
			Pump	Pump B	Pump C	Pump D	(
			A Centri	Centri	Centri	Centri			
Pump Typ	e		fugal	fugal	fugal	fugal	١		
Pump Mal	ke .		MECO	MECO	BECO	BECO	1		
		ity (Cusec)	3 3		3	3			
Rotationa		-	1470 1470		1470	1470	Training .		
Head (ft.)			100	100	100	100	7		
Paint of P		a Unit	Fair Fair		Fair	Fair			
Number	Gate '	•	2	2	2	2			
of Valves		Returning	2	2	2	2			
Base Plat			Yes	Yes	Yes	Yes	20.8		
		tro-Mechanica					- Gr. 14		
Transforn		pacity (kVA)			00		G		
Sanctione		•		1	79				
Motor Pov			60	60	60	60			
Motor Ma			Sieme ns	Sieme ns	ВЕСО	ВЕСО			
MCU			Υ	es	N	lo	1		
Earthing (of Moto	or		es		lo			
Power Win				es		lo			
Service C				es		lo			
Earthing (es	No				
Energy M				es	No				
Water Me				es	No				
PFI Equip				es		lo			
			·				•		



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	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1		ate Pumping Standition Assessm			Code: te: 02-05-2023					
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 / F	Requirements							
No remark	s									
Data Collected	By: Mr. Abdullah	Designation: Te	eam Member	Sign & Date: 30						
Data Checked E	By: Mr. M. Fiaz	Designation: Te	eam Lead	Sign & Date: 30	hy					

		Integrated De	velopme	nt ar	nd As	sset Man	agement F
		I	Municipa	l Cor	nmit	tee Baha	awalnagar
Forn IDAMP	-	Intermedi Asset Co					
		Asset D	etail				
Name			De				
Location	Latitu	ıde	2	29.99	9416	1	
Location	Longitude			73.26	5709	6	
Address				gree		•	
Area (Ma	Area (Marla)			haw 2	<u>aina</u> 2	Jai	
	Working Status			nal		Non- nctional	
Construc Works	Construction Year of Water Works			20	07		
Installati	on Yea	r of Pump	200	7		2007	
		Machinery					
Operation	al Hou	rs	3			3	
Delivery	Dia		6"			6"	
Pipe	Mater	ial	MS			MS	
Apron Ar	ound P	ump House	Yes			No	
Hoisting	Girder	-	Yes		No		448
Civil Stru	cture (Condition	Good	Fa	air	Poor	Google
Approach	to Pur	np House	Good Fa		air	Poor	
		Pump De	tails				
			Pump	Α	Р	ump B	
Pump Tyj	oe .		Centrifugal		Cei	ntrifugal	
Pump Ma	ke		MECO		MECO		
Discharge	Capac	city (Cusec)	1.5		1.5		
Rotationa	l Spee	d (RPM)	1470)	1470		
Head (ft.))		100)	100		Google
Paint of F	umpin	g Unit	Poor	r	Poor		ALC: H
Number	Gate '	Valve	2			2	100
of Valves	Non-F Valve	Returning	2			2	
Base Plat	:e		Yes			Yes	
E	lectro-	Mechanical E	quipmen	t De	tails		150
Transform	ner Caj	pacity (kVA)		10	00		
Sanction	ed Load	(Kwh)		6	1		工作
Motor Po	Motor Power (HP)					40	Google
	Motor Make		Sieme	ns	Si	emens	
MCU			Yes			No	
	Earthing of Motor		Yes			No	
Power Wi			Yes			No	
Service Cable			Yes			No	
Earthing of MCU			Yes			No	
Energy M			Yes			No	
Water Me			Yes		No		
PFI Equip			Yes			No	
Generato	r		Yes			No	



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	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form: IDAMP-A1	intermediate i diniping estation					Asset Code: Date: 02-05-2023				
Change Over		Yes No								
Overall Rating										
Average Score	1	2	3	3	4	5				
Asset Condition	Excellent	Good Fair		Poor	Failing					
Category	Α	В	C		D	E				
		Remarks /	Reguirem	ents						
No remarks	i	_								
Data Collected I	By: Mr. Abdullah	Designation: Team Member			Julop					
Data Checked B	By: Mr. M. Fiaz	Designation: T	eam Lead		Sign & Date: 30 Sign & Date: 30	hy				

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		Failing	A.C	0
8	14"	89	51	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		Good		8
21	12"	2289	1		PVC,PRCC	5
22	14"	125	11		FVC,FRCC	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] ,	Fugalla	DVC C I	2
34	10"	5791	4	Excellent	PVC,G.I	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 Develo	pment And A	sset Man	agement Plan (l	DAMI	P)	
	Muni	icipal Commit	tee Baha	walnagar			
Form:		Supply Netw				et Code:	
IDAMP-A5		ndition Asses				Date: 02-05-2023	
	Description		Are	ea (Acres)		Percentage	
	Served Area Contaminated Area			1712 54 1603 93			
	later Shortage Area			60		03	
•	Unserved Area			1457		46	
	0.1301.1007.1100						
	quality analysis car ommunity network?		Yes		No		
If yes, v	vhich lab and parame	eters?			-		
Findings	of water quality and	alysis?			-		
permissible l	of any parameter abo imit of PEQSs, which vide safe drinking wa consumers?	n steps are			-		
•	aints of water conta ed from the consum			Yes No			
If yes, which	steps were taken to complaints?	resolve the			-		
Pipe Dia (inches)	Pipe Material	Lengt	h (m)	Year of Lay	ring	Age of Pipe	
3"	AC	843	38	1972		51	
4"	AC	105	71	1972		51	
6"	AC	103	71	1972		51	
8"	AC	330	07	1972		51	
9"	AC	16		1972		51	
10"	AC	361		1972		51	
12"	AC	163		1972		51	
14"	AC	89		1972		51	
15"	AC	33		1972		51	
16" AC 45				1972		51	
18" AC			5	1972		51	
20" AC			4	1972		51	
		41		1972			
24"	AC DUG DDGG	304		1972		51	
3"	PVC, PRCC	118			2012 11		
4"	PVC, PRCC	147	99	2012		11	

Municipal Committee Bahawalnagar

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	125		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 / Regi	uiremen	ts		
 No remark 	S	_				
Data Collected By: Mr. Abdullah		Designation: Member	Team	Sign & Date: 30 Ma		
Data Checked	By: Mr. M. Fiaz	Designation: Lead	Team	Mayfry		
				Sign & Date: 30 Ma	ay 2023	

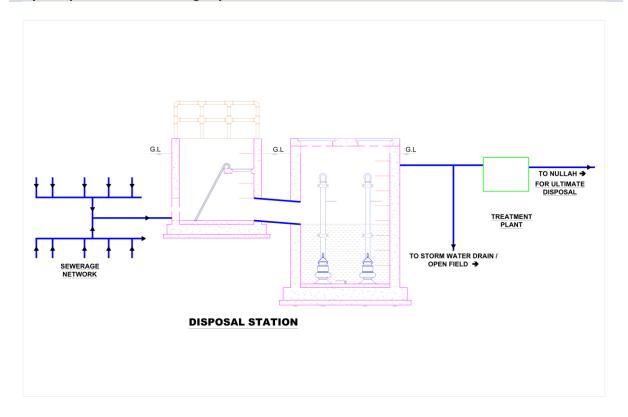
G. Vehicles/ Machinery

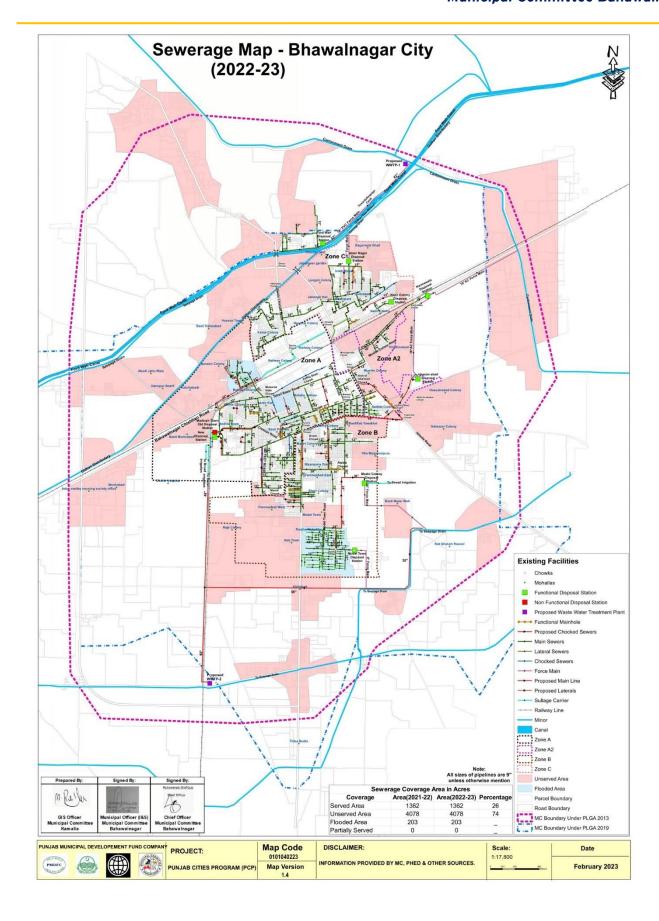
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Water Bowser	BNH 4081	17	Fair	50 HP	Functional	0.8

Integrated D	Integrated Development and Asset Management Plan (IDAMP)						
	Municipa	l Committee Bahav	valnagar				
Form: IDAMP-A16	As	Moveable Asse set Condition Asse		Asset Code: Date: 02-05-2023			
Type of Vehicle / Machinery			Pictures				
Water Bowser	75.01			Y			
Capacity			500 Gallon				
Purpose		Water Supply					
Year of Manufacturing			2006				
Model Cost		N	MF 240 ot Availab	do.			
Capital Cost Fuel Consumption (Lt)		IN	356	ne			
Condition			Fair				
Engine Capacity			50 HP				
Maintenance Cost		N	ot Availab	le			
Oiling /Fitness			Yes				
Fitness Certificate			No				
Registered			BNH 4081	L			
Overall Rating			Fair				
Ţ	Ren	narks / Requireme	nts				
No remarks							
Data Collected By: Mr. Abdu	Designation: Member	Team	Julih Sign & Date: 30 May 2023				
Data Checked By: Mr. M. Fia.	Designation: Tear	n Lead	Mayfay				
				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	Each (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	7	1 Functional + 6 Non- Functional	3	60	Master	Siemens	Good	Functional	4.8
3	Madina Town Old					Aba	andoned				
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
1 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

I	ntegrated Developn	nent a	nd Ass	set Man	agement Plan (IDAMP)
	Munici	pal Co	mmitt	ee Baha	awalnagar
Form: IDAMP-A7	Sewerage Disp Asset Condition				Asset (
	Asset Detail				Pictures
Name		Ford	vah Di	sposal	A CONTRACT OF THE CONTRACT OF
Name	T	Station			
Location	Latitude		0.0186		
	Longitude		3.2573		
Address			lwah C nawaln		Bahāwalnagar, Punjab, P.
Area (Acres)			0.3		2794+C6H, District Council, Bahaw Bahawalnagar, Punjab, Pakistan
Installation Year			2016)	Lat 30.018637° Long 73.257302°
Capital Cost of M	achinery				02/05/23 03:33 PM GMT +05:00
Outfall Drain	Dia		24"		
Sewer	Material		RCC		
	No. of Screens		1		
Screening Chamber	Screen Condition	Goo d	Fair	Poo r	
Citatilibei	Chamber		/lason	rv	
	Structure		viasoiii	У	Bahāwalnagar, Punjab, Po 2794+C6H, District Council, Bahaw
	Number		1		Bahawalnagar, Punjab, Pakistan Lat 30.018692° Long 73.257299°
	Shape	Rect gula		ircula r	Google 02/05/23 03:33 PM GMT +05:00
Wet Wells	Size	_	25′		
	Structure	Maso y	nr	RCC	+ +
	Railing	Yes	5	No	
	No. of force		1		
	mains				Bahāwalnagar, Punjab, Po 2794+C6H, District Council, Bahaw
	Dia		10"		Bahawalnagar, Punjab, Pakistan Lat 30.018817°
Force Main	Material	D:	PVC		Google 02/05/23 03:34 PM GMT +05:00
	Starting Point		osal S		
	Ending Point Length	366	page I 3 km		w N
	Size		J KIII		
	Shape	N	o Sulla	age	
Sullage Carrier	Length		Carrie	-	
	Condition				Bahāwalnagar, Punjab, P
D - (' D'	Dia		8"		2794+C6H, District Council, Bahaw Bahawalnagar, Punjab, Pakistan
Delivery Pipe	Material		C.I		Lat 30.018831° Long 73.257366°
Suction Pipe	Dia		8"		500gle 02/05/23 03:34 PM GMT +05:00
Suction Pipe	Material		C.I		
	Sluice Valves		2		0.0
Number of	Non-Return		2		F
Valves	Valves				
Penstock Valves		2			00 23 3
Ultimate Disposa	Ultimate Disposal		Seepage Drain		Bahāwalnagar, Punjab, P
Civil Structure C	ondition	Goo d	Fair	Poo r	2794+CBH, District Council, Bahaw Bahawalnagar, Punjab, Pakistan Lat 30.018834° Long 73.257393°
Control Room St	ructure	Goo d	Fair	Poo r	Google 02/05/23 03:41 PM GMT +05:00



Asset Code:









	Integrated Dev	velopn	nent aı	nd /	Asset	t Man	nagement	Plan (IDAI	MP)	
Discharge Box	Structure		G d	Fá	air	Poo r				
Approach to Pu	mp House		Goo d	Fá	air	Poo r				
Hoisting Girder			Yes	5	N	10				
Boundary Wall	& Gate		Yes	5	N	lo				
Treatment of So			Yes			10				
	aily discharge	e in								
	m ³ /day?									
<u>-</u>	(based on available information at MC)			12	227					
Ultimate disposal of wastewater?										
Electro	-Mechanical Eq	uipme	ent Det	tails	S					
Number of WAF		<u>, </u>			1					
Transformer Ca	pacity (kVA)			2	25					
Number of MCU					2					
Sanctioned Loa	d (kWh)			2	23					
Power Fact	• •	ment								
Equipment			Yes	5	N	10				
Service Cable			Yes	5	N	10				
Power Wiring			Yes			10				
Earthing of Mot	or		Yes			10				
Earthing of MCI			Yes			10				
Generator Avail			Yes			10				
Light Wiring of	•		Yes			10				
Change Over	· ump mouse		Yes			10				
onunge over					p De					
					•	mp A			Pui	mp B
Pump Type						nersibl	e			nersible
Pump Brand						MA				
Pump Paint						ood	Good			
Motor Brand			MECO MECO							
Installation Yea	r of Pump		2016					2016		
Discharge Capa	·					1.5		1.5		
Rotational Spee	•					60		960		
Head (ft.)						40		40		
Motor Power (H	P)					20				20
Pump Daily Rur	•	urs)				4				4
Base Plate	9 (1700	,	,	Yes		Ī	No	Yes		No
	. Sluice Valve					1	- · · v	2		1
Number of	Non-Returni									
Valves	Valve	-						2		
			Ov	/era	all Ra	ting				
Average Score	1		2				3	4		5
Asset Condition	Excellent	(Good			Fa	air	Poor		Failing
Category A		В				;	D		Е	
			emark	s/	Reau	`				_
No remarks					- 4					
Data Collected By: Mr. Abdullah		Desig	nat	ion:	Team	Member	Juloh			

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

lı	ntegrated Developn	nent and <i>i</i>	Asset Mar	nagement Plan (IDAMP)
	Munici	pal Comm	ittee Bah	awalnagar
Form: IDAMP-A7	Sewerage Disp Asset Condition			Asset (
	Asset Detail			Pictures
Name	710000 D00011	Islam	Nagar	
	Latitude		15678	
Location	Longitude		51248	
A 44		Islam	Nagar,	
Address			alnagar	
Area (Acres)		0.	35	
Installation Year		20	16	Bahāwalnagar, Punjab, P
Capital Cost of M	achinery			Jahangir Kot, Bahāwalnagar, Ba Lat 30.018906°
Outfall Drain	Dia	3	6"	Google 02/05/23 03:56 PM GMT +05:0
Sewer	Material	R	CC	大学的技术
	No. of Screens		2	
Screening	Screen	Goo F	air Poo	
Chamber	Condition	d '	"" r	
	Chamber	Mas	onry	
	Structure			
	Number		2	Bahāwalnagar, Punjab, P 2786+2RJ, Disposal Road, Islam Na
	Shape	Rectan	Circula	Punjab, Pakistan Lat 30.015678°
Wet Wells	Size	gular 2	<u>r</u> 5′	Google Long 73.261248° 02/05/23 03:56 PM GMT +05:00
Wet Wells	Size	Masonr		
	Structure	У	RCC	
	Railing	Yes	No	A MARKET CONTRACTOR
	No. of force		4	
	mains		1	
	Dia	2	4''	4501-16-5
Force Main	Material		VC .	Bahāwalnagar, Punjab, P 2786+2RJ, Disposal Road, Islam Na
	Starting Point		l Station	Punjab, Pakistan Lat 30.015727° Long 73.261322°
	Ending Point		ge Drain	Google 02/05/23 03:57 PM GMT +05:00
	Length	15	00'	
	Size	., -	ulla er e	
Sullage Carrier	Shape	1	ullage	
-	Length	Car	rier	
	Condition Dia	1	0"	
Delivery Pipe	Material		:.I	Bahāwalnagar, Punjab, P
	Dia		0"	2786+2RJ, Disposal Road, Islam Na Punjab, Pakistan
Suction Pipe	Material		:.I	Lat 30.015883° Long 73.261462°
	Sluice Valves		,,, 1	02/05/23 03:58 PM GMT +05:00
Number of	Non-Return		-	
Valves	Valves		5	



Asset Code: _







Bahāwainagar, Punjab, Pakistan 2784-2RJ, Disposai Road, Islam Nagar Bahāwainagar, Bahawainagar, Punjab, Pakistan Lat 30.016225° Loogle 02/05/23 04:01 PM GMT +05:00

Integrated Developm	nent a	nd A	sset Man	
Penstock Valves		2		
Ultimate Disposal	See	page	e Drain	
Civil Structure Condition	Goo d	Fa	ir Poo	
Control Room Structure	Goo d	Fa	Poo	
Discharge Box Structure	Goo d	Fa	ir Poo	
Approach to Pump House	Goo d	Fa	r	
Hoisting Girder	Yes	_	No	
Boundary Wall & Gate	Yes	5	No	
Treatment of Sewage	Yes	5	No	
Wastewater daily discharge in m³/day? (based on available information at MC)	4602			
Ultimate disposal of wastewater?				
Electro-Mechanical Equipme	ent Det			
Number of WAPDA Feeders	1			
Transformer Capacity (kVA)	200			
Number of MCU Sanctioned Load (kWh)		5 15		
Power Factor Improvement Equipment	Yes		No	
Service Cable	Yes	5	No	
Power Wiring	Yes	5	No	
Earthing of Motor	Yes	3	No	
Earthing of MCU	Yes		No	
Generator Availability	Yes	3	No	
Light Wiring of Pump House	Yes		No	
Change Over	Yes	3	No	

			ı	Pump	Detail							
			Pun	np A	Pun	np B	Pun	np C	Pun	np D	Pump E	
Pump Type		Submersibl e		/N	rifugal on- gging	/N	ifugal on- ging	/N	ifugal on- gging	/N	Centrifugal /Non- Clogging	
Pump Brand			Н	MA	Ма	ster	ME	CO	ME	CO	ME	CO
Pump Paint			Fa	air	Fa	air	Fa	air	Fá	air	Fá	air
Motor Brand			ME	CO	ME	CO	ME	CO	ME	CO	ME	CO
Installation Year	of Pump		20)16	20	16	20	16	20	16	20	16
Discharge Capac	ity (Cusecs)		1	.5	3	3	3	3		3	3	
Rotational Speed (RPM)			960		90	60	96	960		960		60
Head (ft.)			<u> </u>	50 50		50		50		50		
Motor Power (HP	')		2	20	40		40		40		40	
Pump Daily Runn	ning Time (Ho	urs)	1	.0	1	.0		n- tiona I		on- tiona I	Non- Functiona I	
Base Plate			Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Number of	Sluice Valve	1					9	9				
Valves						5						
			0	verall	Rating	9						
Average Score	1		2			3			4		5	

Municipal Committee Bahawalnagar

Ir	Integrated Development and Asset Management Plan (IDAMP)											
Asset Condition	Excellent	Good	Fair	Poor	Failing							
Category	Α	В	С	D	E							
Remarks / Requirements												
No remarks												
Data Collected By	: Mr. Abdullal	ion: Team Member	Sign & Date: 3	18h 30 May 2023								
Data Checked By:	Mr. M. Fiaz	Designat	ion: Team Lead	Sign & Date: 30 May 2023								

lı	ntegrated Developr	nent ar	nd Ass	et Man	agement Plan (IDAMP)
	Munici	pal Cor	mmitt	ee Baha	awalnagar
Form: IDAMP-A7	Sewerage Disp Asset Condition				Asset (Da
	Asset Detail				Pictures
Name			rmanw		
	1 -4944-		osal St		
Location	Latitude		0.0107		
	Longitude		3.2719		1. Alta 1000 AMALA
Address		manw awaln		Bahāwalnagar, Punjab, P	
Area (Acres)			0.15	_	276C+HF6, Manchinabad Rd, Bahā Pakistan
Installation Year			2016		Lat 30.010709° Long 73.271959°
Capital Cost of M	achinery				D2/05/23 04:34 PM GMT +05:00
Outfall Drain	Dia		15"		
Sewer	Material		RCC		
	No. of Screens		1		
Screening	Screen Condition	Goo d	Fair	Poo r	
Chamber	Chamber		Asson	c) /	A SPECIAL PROPERTY OF THE PROP
	Structure	IN.	/lasonr	у	Bahāwalnagar, Punjab, P 276C+9G2, Bahāwalnagar, Ba
	Number	1			Lat 30.010789° Long 73.272052°
	Shape	Recta gula		ircula r	Google 02/05/23 04:35 PM GMT +05:
Wet Wells	Size		20′		
	Structure	Masonr y RCC		RCC	
	Railing	Yes No			
	No. of force		1		growth Fred to
	mains				Bahāwalnagar, Punjab, P 276C+9G2, Bahāwalnagar, Ba
	Dia		18"		Lat 30.010848° Long 73.272038°
Force Main	Material		AC		Google 02/05/23 04:35 PM GMT +05
	Starting Point		osal St		
	Ending Point	Seepage Drain			
	Length Size		5700'		
	Shape	N/	o Sulla	000	THE RESERVE TO THE PARTY OF THE
Sullage Carrier	Length	4	Carrie	-	
	Condition		oui i i c		State Paris Paris Project Design
Dia			8"		Bahāwalnagar, Punjab, P 276C+9G2, Bahāwalnagar, Ba
Delivery Pipe	Material	C.I			Lat 30.010924° Long 73.272042°
Custian Dina	Dia		8"		Google 02/05/23 04:35 PM GMT +05
Suction Pipe	Material		C.I		
	Sluice Valves		1		
Number of	Non-Return		1		
Valves	Valves				12/12
Penstock Valves		1			
Ultimate Disposa	Seepage Drain			Bahāwalnagar, Punjab, P	
Civil Structure Co	ondition	Goo d	Fair	Poo r	276C+9G2, Bahāwalnagar, Ba Lat 30.010938° Long 73.272073°
Control Room Str	ucture	Goo d	Fair	Poo r	Google 02/05/23 04:35 PM GMT +05:



Asset Code:









Discharge Box Structure Approach to Pump House Approach to Pump House Hoisting Girder Pood Approach to Pump House Hoisting Girder Pood Boundary Wall & Gate Treatment of Sewage Yes No Wastewater daily discharge in m²/day? (based on available information at MC) Ultimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders Transformer Capacity (kVA) Sanctioned Load (kWh) Power Factor Improvement Equipment Service Cable Power Wiring Service Cable Yes No Earthing of McU Light Wiring of Pump House Change Over Yes No Light Wiring of Pump House Pump Detail Pump A Pump Type Pump Detail Pump Brand HMA Pump Paint Fair Motor Brand MetCO Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate No Overall Rating Average Score A B C D E Remarks / Requirements		Integrated Development and Asset Management Plan (IDAMP)									
Approach to Pump House Approach to Pump House Boundary Wall & Gate Yes No Wastewater daily discharge in m³/day? (based on available information at MC) Uitimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders 1 Transformer Capacity (kVA) 25 Number of MCU 1 Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Person Equipment Service Cabile Yes No Earthing of McU Generator Availability Yes No Change Over Pump House Change Over Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate No Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Average Score Asset Condition Category A B C D E Rotational Fair Poor Failing Poor Failing Category A B C D E Rotational Poor Failing Poor Failing Poor Failing Category A B C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E E C D E C D E C D E C D	Discharge Box S	Structure			Fá	air					
Approach to Pump House d Pair r Hoisting Girder Yes No Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m²/day? (based on available information at MC) UItimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders 1 Transformer Capacity (kVA) 25 Number of MCU 1 1 Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Yes No Earthing of MCU 1 1 Service Cable Yes No Earthing of Motor Yes No Earthing of MCU Yes No Canged Over Yes No Light Wiring of Pump House Yes No Change Over Yes No Change Over Yes No Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand Mecco Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No No Service Capacity Calve No Submersible No No Submersible N	District Ge Dox										
Boundary Wall & Gate	Approach to Pu	mp House			Fá	air					
Treatment of Sewage				Yes	S		No				
Wastewater daily discharge in m²/day? (based on available information at MC) Ultimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders 1 Transformer Capacity (kVA) 25 Number of MCU 1 Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Equipment Service Cable Yes No Earthing of Motor Yes No Earthing of MCU Yes No Earthing of MCU Yes No Change Over Yes No Change Over Yes No Pump Detail Pump Brand HMA Pump Paint Fair Motor Brand MECO Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) Base Plate Yes No Sluice Valve No Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E				Yes	S						
M3/day?				Yes	S		No				
(based on available information at MC) Uitimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders 1 Transformer Capacity (kVA) 25 Number of MCU 1 Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Yes No Service Cable Yes No Earthing of McU Yes No Earthing of McU Yes No Earthing of Pump House Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Type Submersible Pump Type Submersible Pump Brand HMA Pump Palnt Fair Motor Brand MECO Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) Base Plate Yes No Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E		aily discharge	e in								
(Based on available information at MC) Ultimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders Transformer Capacity (kVA) Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Service Cable Power Wiring Earthing of Motor Earthing of MCU Service Generator Availability Yes No Elight Wiring of Pump House Light Wiring of Pump House Yes No Change Over Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Dally Running Time (Hours) Base Plate Non-Returning Valve Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E	-				18	41					
Electro-Mechanical Equipment Details	7	able informatio	n at								
Number of WAPDA Feeders	Ultimate dispos	al of wastewate	er?								
Transformer Capacity (kVA) 25 Number of MCU 1 Sanctioned Load (kWh) 20 Power Factor Improvement Equipment Yes No Service Cable Yes No Power Wiring Yes No Earthing of MCU Yes No Earthing of MCU Yes No Generator Availability Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Detail Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand MECO Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No No No Number of Sluice Valve No Non-Returning Valve 1 Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E		uipme	ent Del	tail	S						
Number of MCU Sanctioned Load (kWh) Sover Factor Improvement Equipment Service Cable Power Wiring Service Cable Person Service Cable Submersible Pump A Submersible Pump A Submersible Pump A Pump Paint Fair Motor Brand Installation Year of Pump South Service Collaboration Service Cable Submersible Pump A Submersi											
Sanctioned Load (kWh) Power Factor Improvement Equipment Service Cable Power Wiring Power Wes No Earthing of MCU Power Wes No Earthing of Pump House Power Wes No Change Over Pump Detail Pump A Pump Brand Pump Paint Power Wes No Submersible Nearial Meco Installation Year of Pump Poilscharge Capacity (Cusecs) Rotational Speed (RPM) Power (HP) Power Wes No No Number of Valves Powerall Rating Average Score Asset Condition Excellent Good Fair Poor Failing Category A B C D E		•			2	25					
Power Factor Improvement Equipment Equipment Yes No											
Equipment Service Cable Yes No Power Wiring Yes No Earthing of Motor Earthing of MCU Yes No Generator Availability Light Wiring of Pump House Yes No Change Over Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) So Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Non-Returning Valve Overall Rating Average Score Asset Condition Excellent Good Fair Poor Failing Category A B C D DE No Fes No Submersible Pump A Sub					2	0					
Service Cable Yes No Power Wiring Yes No Earthing of Motor Yes No Earthing of MCU Yes No Generator Availability Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand MECO Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No No Number of Valves Siuice Valve 1 Non-Returning Valve 1 Average Score Asset Excellent Good Fair Poor Failing Category A B C D E		or Improver	ment	Yes			No				
Power Wiring Earthing of Motor Earthing of MCU Generator Availability Yes No Light Wiring of Pump House Change Over Pump Detail Pump A Submersible Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Number Valves Sluice Valve Non-Returning Valves No Fair No Overall Rating Average Score Asset Condition Excellent Good Fair Poor Failling Category A B C D D E No Pess No Pump A Submersible P											
Earthing of Motor Yes No Earthing of MCU Yes No Generator Availability Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No Number Valves Sluice Valve Non-Returning Valve Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E											
Earthing of MCU Yes No Generator Availability Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Detail Pump A Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand MECO Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Dailty Running Time (Hours) 12 Base Plate Yes No No Number of Valves No Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E											
Generator Availability Light Wiring of Pump House Change Over Pump Detail Pump A Pump Type Submersible Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Number Valves Average Score Asset Condition Category A B Pump A Submersible Pair Pair NECO Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 So Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No Overall Rating Average Score Asset Condition Category A B C D E											
Light Wiring of Pump House Change Over Yes No Pump Detail Pump Type Submersible Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Non-Returning Valve Average Score Asset Condition Category A B Rump Detail Pump A Submersible Pump A Submersi											
Change Over											
Pump Type Pump Brand Pump Paint Pump Paint Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Number Valves Soluice Valve Non-Returning Valve Average Score Asset Condition Category A B Pump Detail Pump A Submersible Pump A Submersible NMECO HMA PECO 1.5 006 MECO 1.5 006 007 008 008 009 008 009 009 009		Pump House									
Pump Type Submersible	Change Over			1							
Pump Type Submersible Pump Brand HMA Pump Paint Fair Motor Brand MECO Installation Year of Pump 2016 Discharge Capacity (Cusecs) 1.5 Rotational Speed (RPM) 960 Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No Number Valves 1 Non-Returning Valve 1 Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E				l	um	ט קו	etaii	D.,	mn A		
Pump Brand	Pumn Tyne								•		
Pump Paint											
Motor Brand											
Installation Year of Pump 2016											
Discharge Capacity (Cusecs) 1.5		r of Pump									
Rotational Speed (RPM) 960											
Head (ft.) 50 Motor Power (HP) 20 Pump Daily Running Time (Hours) 12 Base Plate Yes No No Number Valves Overall Rating 1 Poor Failing Category A B C D E											
Motor Power (HP)		- (131 191)									
Pump Daily Running Time (Hours) 12		P)									
Base Plate Yes No Number Valves Sluice Valve 1 Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E	·		ırs)								
Number Valves Sluice Valve 1 Overall Rating Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E							Yes			No	
Number Valves Or Non-Returning Valve 1 Overall Rating Average Score 1 2 3 4 5 Asset Condition Category A B C D E		Sluice Valve									
Valve Overall Rating		Non-Returnii	ng						1		
Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E	vaives	Valve							<u> </u>		
Score Asset Condition Category A B C Asset Condition Category A B C Asset Condition Category A B C C C C C C C C C C C C		1		0	/era	ill F	Rating				
Condition Excellent Good Fair Poor Failing Category A B C D E	Score	1		2	2 3		3	4	5		
Category A B C D E		Excellent	(Good Fa			Fa	air	Poor	Failing	
	Category	Α		В	В С			C	D	E	
Nemains / Negatients		<u>Remar</u> k	s /	Red	quirem	ents					
No remarks	No remarks										
Data Collected By: Mr. Abdullah Designation: Team Member				Designation: Team Member				Member	Juloh		

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

	Integrated Develop	mont and	Accet Mai	nagement Plan (IDAMP)						
Municipal Committee Bahawalnagar										
Form:	Sewerage Disp			Asset (
IDAMP-A7		Asset Condition Assessment								
	Asset Detail	Uluana	: d	Pictures						
Name			inabad							
	Latitude	-	1 Station 99318	-						
Location	Longitude		71067							
			inabad,							
Address			alnagar							
Area (Acres)			35	Bahāwalnagar, Punjab, P						
Installation Year	•	20)16	276C+9G2, Bahāwalnagar, Ba Lat 30.010938°						
Capital Cost of N	lachinery			Long 73.272073° 02/05/23 04:48 PM GMT +05						
Outfall Drain			7''							
Sewer	Material	1	CC							
	No. of Screens		2							
Screening	Screen	Goo Fair Poo								
Chamber	Condition	d r		-						
	Chamber Structure	Mas	onry	2						
	Number		2	Bahāwalnagar, Punjab, P x7xC+66R, Bypass, Hussain Abad						
		Rectan Circula		Punjab, Pakistan Lat 29.999318°						
	Shape	gular	r	Google Long 73.271067° 02/05/23 04:48 PM GMT +05:00						
Wet Wells	Size		5'							
	Structure	Masonr RCC								
		У								
	Railing	Yes	No							
	No. of force		1							
	Dia	1	6"	Bahāwalnagar, Punjab, P						
	Material		VC	Punjab, Pakistan Lat 29.999305°						
Force Main	Starting Point		l Station	Google Long 73,271143° 02/05/23 04:48 PM GMT +05:00						
	Ending Point	Karm	anwala	San In Casa States						
		osal								
	Length Size	41	40′	1						
	Shape	No S	ullage	The state of the s						
Sullage Carrier	ıllage Carrier Snape Length		rier	Water State of the						
	Condition	Cai		Bahāwalnagar, Punjab, P						
	Dia	8	3"	X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan						
Delivery Pipe	Material		:.l	Lat 29.99923° Long 73.271274°						
Ction Divis	Dia		3"	02/05/23 04:49 PM GMT +05:00						
Suction Pipe	Material	(:.l							
	Sluice Valves		1							



Asset Code:







	ntegrated Deve	lopment a	nd Ass	set Mar	nagement	Plan (IDAMP)			
	Non-Return								
Number of	Valves		1						
Valves	Penstock Valv	/es	2			000,2			
	l.		rmanv	vala	100	CIG.	100		
Ultimate Disposa	1		Dispos		E E		GPS Map Camera		
		Goo		Poo		Bahāwalnagar, Punjab, P 276C+9G2, Bahāwalnagar, Ba			
Civil Structure C	ondition	d	Fair	r		Lat 30.010938°	mawamagai, Funjab, Fakistan		
		Goo		Poo	Google	Long 73.272073° 02/05/23 04:35 PM GMT +05	:00		
Control Room St	d	d Fair r							
D: 1 D 01	Goo	Goo Poo							
Discharge Box St	ructure	d	I Fair I						
		Goo		Poo					
Approach to Pum	p House	d	Fair	r					
Hoisting Girder		Yes	s	No					
Boundary Wall &	Gate	Yes		No					
Treatment of Sev		Yes		No					
Wastewater dai	•	in	-						
m ³ /day?	., =:==:::::::::::::::::::::::::::::::::								
(based on availal	ble information	at	1841						
MC)									
Ultimate disposa	l of wastewater	?							
	dechanical Equi		tails						
Number of WAPD	,		1						
Transformer Cap			200						
Number of MCU			1						
Sanctioned Load	(kWh)		20						
Power Factor		ent							
Equipment		Yes	S	No					
Service Cable		Yes	s	No					
Power Wiring			Yes No						
Earthing of Motor	г	Yes		No					
Earthing of MCU		Yes		No					
Generator Availa	bility	Yes		No					
Light Wiring of P		Yes	s	No					
Change Over	•	Yes	s	No					
			ump [Detail					
					Pu	ımp A			
Pump Type						mersible			
Pump Brand						HMA			
Pump Paint			Fair						
Motor Brand			MECO						
Installation Year	of Pump		2016						
Discharge Capaci						1.5			
Rotational Speed					960				
Head (ft.)						50			
Motor Power (HP)					20			
Pump Daily Runn	•	s)	12						
Base Plate	9 :: (11041)		Yes No						
	Sluice Valve					1			
Number of	Non-Returning	1							
Valves	Valve 1								
Overall Rating									
Average Score	1	2	. C. GIII		3	4	5		
Asset Condition	Excellent	Good			air	Poor	Failing		
A33CC CONDICION	LACCHETT				411	1 001	i uning		

Ir	Integrated Development and Asset Management Plan (IDAMP)											
Category	Α	В	С	D	E							
Remarks / Requirements												
No remarks												
Data Collected By	: Mr. Abdullal	h Designat	ion: Team Member	Sign & Date: 3	18h 30 May 2023							
Data Checked By:	Mr. M. Fiaz	Designat	ion: Team Lead	Sign & Date: 3	1997 30 May 2023							

l	ntegrated Developn	nent a	nd Ass	et Man	agement Plan (IDAMP)
	Munici	pal Co	mmitte	ee Bah	awalnagar
Form:	Sewerage Disp				Asset (
IDAMP-A7	Asset Condition	Dat			
	Asset Detail	Ma	dina To	own	Pictures
Name	IVId	New	OWII		
	Latitude	29	9.9928	12	
Location	Longitude	73	3.2408	22	
Address	-	Мас	dina To	own,	
		Bah	awaln	agar	Bahāwalnagar, Punjab, P
Area (Acres)			3.8		X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan Lat 29.999145°
Installation Year Capital Cost of M	achinery		2016		Google Long 73.271129° 03/05/23 09:54 AM GMT +05:00
Outfall Drain	Dia		36"		
Sewer	Material		RCC		CHANGEN
	No. of Screens		2		
Screening	Screen	Goo	Fair	Poo	
Chamber	Condition	d	ı uli	r	
	Chamber	N	/lasonr	У	Bahāwalnagar, Punjab, P
	Structure Number		2		X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan
		Rect	Rectan Circula		Lat 29.999145° Long 73.271129° 03/05/23 09:55 AM GMT +05:00
	Shape	gula		r	
Wet Wells	Size		35′		
	Structure	Maso	nr	RCC	
	Railing	Yes No		No	
	No. of force				
	mains		1		Bahāwalnagar, Punjab, P
	Dia		24"		X7XC+66R, Bypess, Hussain Abad Punjab, Pakistan Lat 29.999145°
Force Main	Material		AC		Google Long 73.271129° 03/05/23 09:55 AM GMT +05:00
	Starting Point		osal St		
	Ending Point	Broa	d Irrig		
	Length Size		1800′ 3′x4′		
	Shape	Re	ctangu	ılar	
Sullage Carrier	Length		900'		
	Condition		Good		Bahāwalnagar, Punjab, P
Delivery Pipe	Dia	8"			X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan
Denvery 1 ipe	Material	C.I			Lat 29.999145° Long 73.271129° 03/05/23 09:56 AM GMT +05:00
Suction Pipe	Dia Material	8"			Levina and Control of the Control of
	Sluice Valves	C.I 14			KENER EN Y
Number of	Non-Return				377
Valves	Valves	7			
Penstock Valves			2	_	
Ultimate Disposa	Broad Irrigation			Bahāwalnagar, Punjab, P	
Civil Structure C	ondition	Goo d	Fair	Poo r	X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan Lata 29.999145°
Control Room St	ructure	Goo d	Fair	Poo r	Google 03/05/23 09:57 AM GMT +05:00



Asset Code:





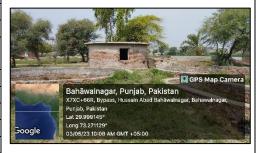




Integrated Develop	ment a	nd As	set Man	age	ement P	lan (IDAI	MP)		
-	Goo		Doo						
Discharge Box Structure	d	Fair	r						
	Goo		Poo						
Approach to Pump House	d	Fair	r						
Hoisting Girder	Yes	s	No						
Boundary Wall & Gate	Yes	S	No						
Treatment of Sewage	Yes		No						
Wastewater daily discharge in									
m ³ /day?									
(based on available information at		6750)						
MC)									
Ultimate disposal of wastewater?									
Electro-Mechanical Equipm	ent Det	tails							
Number of WAPDA Feeders		1							
Transformer Capacity (kVA)		200							
Number of MCU		8	'						
Sanctioned Load (kWh)		160							
·	 	100							
	Yes	s	No						
Equipment Samue	Ver		Ne						
Service Cable	Yes		No						
Power Wiring	Yes		No						
Earthing of Motor	Yes		No						
Earthing of MCU	Yes		No						
Generator Availability	Yes		No						
Light Wiring of Pump House	Yes		No						
Change Over	Yes		No						
			Detail	_	_	_	_		
	Pu	mp A	F		ıр B	Pump			ump D
Pump Type	Pu Centri	mp A ifugal/	No Cen	trifu	ıgal/No	Centrifug	al/No	Cent	rifugal/No
Pump Type	Pu Centri n-Cl	mp A ifugal/ logging	No Cen	trifu -Clo	igal/No gging	Centrifuga n-Clogg	al/No ing	Cent	rifugal/No Clogging
Pump Brand	Pu Centri n-Cl M	mp A ifugal/ logging aster	No Cen	trifu	igal/No gging	Centrifug	al/No ing	Cent	rifugal/No
Pump Brand Pump Paint	Pu Centri n-Cl M	mp A ifugal/ logging	No Cen	trifu -Clo	igal/No gging	Centrifuga n-Clogg	al/No ing	Cent	rifugal/No Clogging
Pump Brand	Pu Centri n-Cl M	mp A ifugal/ logging aster	No Cen	trifu -Clo	ugal/No gging MA	Centrifuga n-Clogg	al/No ing	Cent	rifugal/No Clogging
Pump Brand Pump Paint	Pu Centri n-Cl M	mp A ifugal/ logging aster Fair	No Cen	trifu -Clog HM	ugal/No gging MA	Centrifug n-Clogg HMA	al/No ing	Cent	rifugal/No Clogging HMA
Pump Brand Pump Paint Motor Brand	Pu Centri n-Cl M	mp A ifugal/ logging aster Fair emens	No Cen	trifu -Clog HM	ugal/No gging //A	Centrifug n-Clogg HMA	al/No ing	Cent	rifugal/No Clogging HMA
Pump Brand Pump Paint Motor Brand Installation Year of Pump	Pu Centri n-Cl M I Sie	mp A ifugal/ logging laster Fair emens 2016	No Cen	trifu -Clog HM HM	ugal/No gging //A	Centrifuga n-Clogg HMA	al/No ing	Cent	rifugal/No Clogging HMA HMA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs)	Pu Centri n-Cl M I Sie	ifugal/ logging aster Fair emens 2016	No Cen	trifu -Clog HM HM	ugal/No gging //A	Centrifuga n-Clogg HMA	al/No ing	Cent	rifugal/No Clogging HMA HMA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM)	Pu Centri n-Cl M Sie	ifugal/logginglaster Fair emens 2016 3	No Cen	trifu -Clog HM HM	ugal/No gging //A	Centrifuga n-Clogg HMA	al/No ing	Cent	rifugal/No Clogging HMA HMA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP)	Pu Centri n-Cl M Sie	ifugal/logging aster Fair emens 2016 3 960 50	Fond Cen	HM HM 3	Jugal/No gging JA	Centrifug n-Clogg HMA HMA 3	al/No ing	Cent	rifugal/No Clogging HMA HMA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours)	Pu Centri n-Cl M Sie 2	ifugal/logging aster Fair emens 2016 3 960 50 60	Fundamental Fundam	HM 3 60 No	ugal/No gging //A //A	Centrifug n-Clogg HMA HMA 3	al/No ing	Cent n-d	rifugal/No Clogging HMA HMA 3 60 Non- nctional
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP)	Pu Centri n-Cl M Sie 2	ifugal/logging aster Fair emens 2016 3 960 50 60 22	Fu O Ye	HM 3 60 No	Jugal/No gging JA	Centrifug n-Clogg HMA HMA 3	al/No ing	Fu Yes	rifugal/No Clogging HMA HMA 3 60 Non- nctional
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours)	Pu Centri n-Cl M I Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump	Fundamental Filter	HM HM 3 60 No	Jugal/No gging JA	Centrifug n-Clogg HMA HMA 3 60 Non- Function Yes	al/No ing v	Fu Yes	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes p F gal/Non-	al/No ing v	Fu Yes Pum ntrifu	rifugal/No Clogging HMA HMA 3 60 Non- nctional s No np G gal/Non-
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours)	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes p F gal/Non-	al/No ing v	Fu Yes	rifugal/No Clogging HMA HMA 3 60 Non- nctional s No np G gal/Non-
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifug n-Clogg HMA 3 60 Non- Function Yes p F gal/Non- ging	al/No ing v	Fu Yes Pum ntrifu	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifug n-Clogg HMA 3 60 Non- Function Yes p F gal/Non- ging	al/No ing v	Fu Yes Pun ntrifu	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes pp F gal/Non-ging MA	al/No ing v	Fu Yes Pun ntrifu	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging //A
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes pp F gal/Non-ging MA	al/No ing v	Fu Yes Pum ntrifug Clog	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging //A
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint Motor Brand	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes pp F gal/Non-ging MA	al/No ing v	Fu Yes Pum ntrifug Clog	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging MA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint Motor Brand Installation Year of Pump	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi HMA	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JAA JAA JAA JAA JAA JAA JAA JAA JAA JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes pp F gal/Non-ging MA	al/No ing v	Fu Yes Pum ntrifu Clog HN	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging MA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs)	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi HMA	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JAA JAA JAA JAA JAA JAA JAA JAA JAA JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes pp F gal/Non-ging MA	al/No ing v	Fu Yes Pum ntrifu Clog HN	rifugal/No Clogging HMA HMA 3 60 Non- nctional S No np G gal/Non- ging MA
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM)	Pu Centri n-Cl M Sie 2	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi HMA	Fundamental Fundam	HM HM 3 60 No	Jugal/No gging JAA JAA JAA JAA JAA JAA JAA JAA JAA JA	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes p F gal/Non-ging MA	al/No ing v	Fu Yes Pum ntrifu Clog HN	rifugal/No Clogging HMA HMA 3 60 Non- nctional s No np G gal/Non- ging //A //A
Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.) Motor Power (HP) Pump Daily Running Time (Hours) Base Plate Pump Type Pump Brand Pump Paint Motor Brand Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.)	Pu Centri n-Cl M I Sie 2 Yes Cent	ifugal/logginglaster Fair emens 2016 3 960 50 60 22 N Pump trifuga Cloggi HM/ HM/ 3	Fundamental Fundam	HM A B B B B B B B B B B B B	Jugal/No gging MA MA MA Jugal/No gging MA MA MA Jugal/No MA MA MA MA Continual No Pum Centrifue Clog HN HN HN G	Centrifugan-Clogg HMA HMA 3 60 Non-Function Yes p F gal/Non-ging MA	al/No ing A	Fu Yes Pum ntrifug Clog HN	rifugal/No Clogging HMA HMA 3 60 Non- nctional s No np G gal/Non- ging //A //A

	lr	ntegrated De	velopr	nent and <i>i</i>	Asset Management	Plan (IDAMP)			
Number	of -	Sluice Valve	!			14			
Valves		Non-Returni Valve	ing			7			
Average Score		1		2	3	4	5		
Asset Condition		Excellent		Good Fair		Poor	Failing		
Category		Α		В	С	D	Е		
 No remark 	(S								
Data Collected	Ву	: Mr. Abdullal	h	Designat	ion: Team Member	J	Julih Sign & Date: 30 May 2023		
Data Checked	Ву:	Mr. M. Fiaz		Designat	ion: Team Lead	Sign & Date: 30 May 2023			

Asset Detail Pictur	Integrated Development and Asset Management Plan (IDAMP)										
Asset Detail Pictur		Munici	pal Comn	nittee Bal	nawalnagar						
Name		•	Asset (
Location Latitude Longitude T3.240822 Address Area (Acres) Area (Acres) Installation Year Capital Cost of Machinery Outfall Drain Sewer No. of Screens Screening Chamber Chamber Structure Number Structure No. of Force Mailing Yes No. of force mains Dia Material Starting Point Ending Point		Asset Detail			Pictures						
Address Madina Town, Bahawalnagar Area (Acres) 1.8 Installation Year Not Available Capital Cost of Machinery Outfall Drain Sewer Material No. of Screens Screening Chamber Structure Structure Structure Masonr Structure Shape Rectan Circula rule delivery Rectan Size Structure Masonr RCC Railing Yes No No. of force mains Dia Starting Point Ending Point Ending Point Ending Point Ending Point Ending Point Condition Dia Material Starting Point Ending Point Condition Dia Material Size Shape Length Condition Dia Material Size Dia Material Dia D	Name		Madina	Town Old							
Address Madina Town, Bahawalnagar Area (Acres) 1.8 Installation Year Capital Cost of Machinery Outfall Drain Sewer Material No. of Screens Screening Chamber Structure Number Structure Number Structure Number Structure No. of force mains Dia Material Starting Point Engling Point Size Shape Sullage Carrier Shape Material Size Shape Length Condition Delivery Pipe Material Sluce Valves Non-Return Valves Penstock Valves Pen	1 4:	Latitude	29.9	92812							
Area (Acres) Installation Year Capital Cost of Machinery Outfall Drain Sewer No. of Screens Screen Goo Fair Condition Chamber Number Shape Rectan Circula gular r Size Structure Masonr RCC Railing Yes No No. of force mains Dia Material Starting Point Ending Point Ending Point Length Size Shape Shape Shape Shape Size Shape Length Condition Delivery Pipe Dia Material Suction Pipe Material Suction Pipe Material Siuice Valves Number Sullidate Carrier Number Of Non-Return Valves Penstock Valves Uitimate Disposal Civil Structure Condition Control Room Structure Goo Fair Poo d Fair Poo d Fair Poo d Fair Poo Spice Condition Condition Control Room Structure Goo Fair Poo Goo Fair Poo Goo Fair Poo Spice Condition Condition Control Room Structure Goo Fair Poo Disposal Civil Structure Condition Disposal Civil Structure Condition Control Room Structure Goo Fair Poo Goo Fair Poo Goo Fair Poo Goo Fair Poo Spice Condition Control Room Structure Goo Fair Poo Goo Fair Poo Control Room Structure Condition C	Location	Longitude	73.2	40822	A STATE OF THE STA						
Area (Acres) Installation Year Capital Cost of Machinery Outfall Drain Sewer No. of Screens Screening Chamber Chamber Structure Number Shape Rectan Goo Fair Poo Chamber Structure Number Structure No. of force mains Dia Structure Yes No No. of force mains Dia Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Suice Valves Penstock Valves Penstock Valves Uitimate Disposal Civil Structure Condition Goo Gair Poo Control Room Structure Goo Fair Poo Control Room Structure Coo Coo Fair Coo	Address		Madin	a Town,							
Installation Year Capital Cost of Machinery Outfall Drain Sewer No. of Screens Screen Condition Chamber Structure Number Structure Masonr Structure Masonr Structure Size Structure Masonr Structure Masonr Structure Material Starting Point Ending Point Endition Condition Dia Material Starting Point Endition Point Endition Point Endition Point Endition Dia Material Size Shape Length Condition Dia Material Shape Condition Dia Material Shape Condition Dia Condi	Address		Bahav	valnagar	The state of						
Capital Cost of Machinery Outfall Drain Sewer	Area (Acres)		1	1.8							
Outfall Drain Dia Sewer Material No. of Screens Screen Condition d Fair r Chamber Structure Number Structure Number Structure Number Structure Number Structure No. of force mains Dia Force Main Material Starting Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Material Suction Pipe Material Sluice Valves Number of Non-Return Valves Penstock Valves Uitimate Disposal Civil Structure Condition Control Room Structure Goo Fair Poo d Fair r Control Room Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair r Control Room Structure Goo Fair Poo d Fair Poo d Fair r Control Room Structure Discharge Box Structure Goo Fair Poo d Fair Poo d Fair Poo d Fair R Control Room Structure Discharge Box	Installation Year		Not A	vailable	Bahāwalnagar, Punjab, P X7XC+66R, Bypass, Hussain Abad						
Sewer Material No. of Screens Screen Condition Chamber Structure Number Shape Rectan gular r Shape Structure No. of force mains Dia Force Main Force Main Material Starting Point Length Condition Delivery Pipe Material Suction Pipe Material Size Shape Length Condition Delivery Pipe Material Suction Pipe Material Suction Pipe Material Success to success	Capital Cost of M	achinery									
Screening Chamber Screen Goo Fair Poo Condition Chamber Structure Number Shape Rectan Circula gular r Size Structure Masonr RCC Railling Yes No No. of force mains Dia Material Starting Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Material Sluice Valves Number of Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Condition Disposal Control Room Structure Goo Fair Poo do Fair P	Outfall Drain	Dia			Google Long 73.271129° 03/05/23 10:08 AM GMT +05:00						
Screening Chamber Chamber Structure Number Structure Number Rectan Gircula gular r Shape Rectan Gircula gular r Size Structure Masonr RCC Railing Yes No No. of force mains Dia Material Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Suction Pipe Dia Material Sluice Valves Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Poo d	Sewer	Material									
Chamber Structure Number Structure Number Structure Shape Rectan Circula gular r Size Structure Yes No No. of force mains Dia Material Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Dia Material Suction Pipe Dia Material Sluice Valves Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Poo Google Structure Goo Fair Poo Google Structure Structure Of Poo Material Since Valves Ultimate Disposal Civil Structure Condition Discharge Rox Structure Goo Fair Poo Google Structure Goo Fair Poo Google Structure Discharge Rox Structure Goo Fair Poo Google Structure Goo Fair Poo Google Structure Discharge Rox Structure Goo Fair Poo Google Structure Discharge Rox Structure Structure Condition Google Structure Discharge Rox Structure Structure Condition Google Structure Discharge Rox Structure Structure Condition Google St		No. of Screens			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
Chamber Chamber Structure Number Shape Rectan Circula gular r Shape Structure RCC Railing Yes No No. of force mains Dia Force Main Material Starting Point Length Condition Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number Size Shape Length Condition Condition Condition Dia Material Suction Pipe Dia Material Sluice Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Coogle Bahtwainsgar, Purial Baht	Screening	Screen	Goo F	air Poo							
Chamber Structure Number Shape Rectan Circula gular r Shape Structure Structure Railing Structure Roogle Structure Rocc Railing Yes No No. of force mains Dia Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Material Sluice Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Control Room Structure Goo Fair Discharge Box Structure Goo Fair Discharge Box Structure Rocc Y Rocc No. Goo Rocc Y Rocc Rocc	_		d '								
Number Shape Rectan Circula Gular Circula Gular Circula Gular Circula Gular Circula Gular Circula Circula Gular Circula	Chamber										
Shape Size Structure Masonr RCC Railing Yes No No. of force mains Dia Material Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Material Suction Pipe Material Stuice Valves Number of Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Coogle Structure Goo Fair Poo d Goo Fair Poo d Goo Fair Poo d Discharge Box Structure Goo Fair Poo d Discharge Box Structure Goo Fair Poo Google Discharge Box Structure Goo Fair Poo Google Discharge Box Structure Goo Fair Poo Google Discharge Box Structure Structure Goo Fair Poo Google Discharge Box Structure Goo Fair Poo Google Discharge Box Structure Goo Fair Poo Google Discharge Box Structure											
Shape Size Structure Size Structure Masonr RCC Railing Yes No No. of force mains Dia Starting Point Ending Point Length Size Shape Length Condition Dia Material Sluice Valves Penstock Valves Poo d Fair r Control Room Structure Goo Fair Foo d Fair Foo d Fair Foo d Fair Foo d Fair Poo d Fair Foo d Fair Foo d Fair Poo d Fai		Number			Bahāwalnagar, Punjab, P						
Structure Structure Railing No. of force mains Dia Force Main Material Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number of Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Control Room Structure Structure Masonr Yes No Bahāwalnagar, Punjat XXXX-Roff, Bijnas, Hussan A XXXX-		Shape			Punjab, Pakistan Lat 29.999145° Long 73.271129°						
Structure Railing No. of force mains Dia Force Main Force Main Force Main Force Main Starting Point Ending Point Length Condition Delivery Pipe Dia Material Suction Pipe Dia Material Sluice Valves Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair Good Fair Pood Good Fair Pood Good Fair Pood Bahävalnagar, Punjat XXC. 660t, Ipposa, ylussan A Punjat, Pathota And Chiff, Ipposa, ylussan A Punjat, Pathota Condition Bahävalnagar, Punjat XXC. 660t, Ipposa, ylussan A Punjat, Pathota And Chiff, Ipposa Bahävalnagar, Punjat XXC. 660t, Ipposa, ylussan A Punjat, Pathota Condition Good Fair F Control Room Structure Good Fair F Pood d Fair F Pood Discharge Box Structure Good Fair F Pood Discharge Box Structure	Wet Wells	Size			03/05/23 10:08 AM GMT +05:00						
Force Main Force Main Force Main Material Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number of Valves Penstock Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Missen A Good Fair Pood d scharge Box Structure		Structure		RCC							
Force Main Dia		Railing	Yes	No							
Force Main Dia Material Starting Point Ending Point		No. of force		•							
Force Main Material Starting Point Ending Point		mains									
Force Main Material Starting Point Ending Point		Dia			Pahāwalpagar Duniah D						
Starting Point Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number of Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Discharge Box Structure Starting Point Ending Point Ending Point Size Shape Length Condition Dia Material Suction Pipe Material Sluice Valves Penstock Valves Penstock Valves Goo Fair Foogle Disposal Control Room Structure Goo Fair Foogle Discharge Box Structure Goo Fair Foogle Discharge Box Structure Size Shape Length Shawainagar, Punjak XXC-66R, Bypas, Hussain A Punjab, Pakstan XXC-66R, Bypas, Hussain A XXC-66R, Bypas, Hussai	Force Main	Material			X7XC+66R, Bypass, Hussain Abad						
Ending Point Length Size Shape Length Condition Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number of Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Discharge Box Structure Goo Fair Goo Fair Good Fair Good Fair Foogle Dayostza todgo AM GMT + OSs Bahāwalnagar, Punjat XXX608, Bypass, Hussain A Doggle Dayostza todgo AM GMT + OSs Bahāwalnagar, Punjat XXX608, Bypass, Hussain A Doggle Dayostza todgo AM GMT + OSs Bahāwalnagar, Punjat XXX608, Bypass, Hussain A Doggle Doggle Dayostza todgo AM GMT + OSs Bahāwalnagar, Punjat XXX608, Bypass, Hussain A Doggle Dogg		Starting Point			Lat 29.999145°						
Sullage Carrier Shape		Ending Point			Google 03/05/23 10:09 AM GMT +05:00						
Sullage Carrier Shape		Length									
Length Condition		Size									
Condition	Sullage Carrier										
Delivery Pipe Material	Jamey James										
Delivery Pipe Material Suction Pipe Dia Material Sluice Valves Number of Non-Return Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair r Goo Fair r Google Bahāwalnagar, Punjat XXXC-688, Bypass, Hussain A Disposal Fair r Google Bahāwalnagar, Punjat XXXC-688, Bypass, Hussain A Disposal Fair r Google Bahāwalnagar, Punjat XXXC-688, Bypass, Hussain A Disposal Control Room Structure Goo Fair r Google Discharge Box Structure Goo Fair Poo		Condition									
Suction Pipe Dia	Delivery Pipe				Rahāwalnagar Punjah P						
Suction Pipe Material Solution Valves					X7XC+66R, Bypass, Hussain Abad						
Number of Non-Return Valves Valves Penstock Valves Ultimate Disposal Civil Structure Condition Control Room Structure Goo Fair r Goo Fair r Google OS/06/23 10:09 AM GNT 405:1	Suction Pipe				Lat 29.999145°						
Number of Valves Valves Penstock Valves					Google 03/05/23 10:09 AM GMT +05:00						
Valves Penstock Valves Ultimate Disposal Civil Structure Condition Goo d Fair r Control Room Structure Goo Fair r Goo Fair r Goo Fair r Google Bahāwalnagar, Punjat XXXC+60R, Bypass, Hussain A Poo d Fair r Google Discharge Box Structure Goo Fair Poo											
Penstock Valves Ultimate Disposal Civil Structure Condition Goo d Fair r Goo Fair Poo d Fair r Bahāwalnagar, Punjab Rakstan Lut 29.998145° Lutry 73.271129° [S005/23 10:09 AM GMT +05:10]											
Ultimate Disposal Civil Structure Condition Goo d Fair r Goo Fair Poo d Fair r Goo Fair Poo d Fair r Goo Fair Poo d Fair r Goo Fair Poo Discharge Box Structure	vaives										
Civil Structure Condition Goo d Fair r Goo Fair Poo d Fair r Goo Fair Poo D Good Fair r Good Fair r Good Fair r Good Fair Poo D Good Fair Poo	Illtimate Dieness										
Control Room Structure GOO GOO Fair Foogle GOO Fair Foogle GOO Fair Foogle Soogle	·		Goo F	air Poo							
Control Room Structure Goo d Fair Foogle Purjab, Pakistan Lat 29.999/45° Lat 29.	3 33		a	r	Bahāwalnagar, Punjab, P X7XC+66R, Bypess, Hussain Abad						
Discharge Box Structure Goo Fair Poo	Control Room Str	ucture	- * * * F	air	Punjab, Pakistan Lat 29.999145° Long 73.271129°						
d rail r	Discharge Box St	ructure	F	air							



Asset Code:









	Integrated Development and Asset Management Plan (IDAMP)								
Approach to P	ump House		Goo d F	air Poo					
Hoisting Girder		Yes No							
Boundary Wall & Gate		Yes	No						
Treatment of S	Sewage		Yes	No					
Wastewater	daily discharge	e in	100 100						
m³/day?									
T	ilable informatio	on at							
MC)									
	sal of wastewat								
	o-Mechanical Eq	uipmo	ent Detail	S					
Number of WA									
Transformer C									
Number of MC									
Sanctioned Lo				1					
Power Fac	tor Improve	ment	Yes	No					
Equipment									
Service Cable			Yes	No					
Power Wiring			Yes	No					
Earthing of Mo			Yes	No					
Earthing of MC			Yes	No					
Generator Ava	_		Yes	No					
Light Wiring of	r Pump House		Yes	No					
Change Over			Yes	No Dotoil					
			Pum	p Detail	\	D.	ımın D		
Dump Tune			Pump A			Pump B			
Pump Type Pump Brand									
Pump Paint									
Motor Brand									
	ar of Dumn								
Installation Ye									
Rotational Spe	acity (Cusecs)								
Head (ft.)	eu (RPM)								
Motor Power (UD)								
	nning Time (Ho	ire)							
Base Plate	inning rille (Hol	ui 3 <i>)</i>	Yes No			Yes	No		
	, Sluice Valve		163		110	1 53	110		
	Non-Returni								
Valves	Valve	9							
			Overa	all Rating					
Average	4				,	4	F		
Score	1		2	<u> </u>	3	4	5		
Asset Condition	Excellent		Good	Fa	air	Poor	Failing		
Category	Α		В		3	D	E		
	Remarks / Requirements								
This Dispos	This Disposal Station has been abandoned								
Data Collected By: Mr. Abdullah			Designation: Team Member			Judsh Sign & Date: 30 May 2023			

	Sign & Date: 30 May 2023

l	ntegrated Develop	ment and A	Ass	et Mar	nagement Plan (IDAMP)
					awalnagar
Form: IDAMP-A7	Sewerage Disp Asset Condition	Asset Da			
	Asset Detail				Picture
Name		Madni Colony			
Location	Latitude	29.986374			
Location	Longitude	73.26	520	14	
Address		Madni Bahaw		•	
Area (Acres)			85		
Installation Year		20)11		Bahāwalnagar, Punjab, I
Capital Cost of M	achinery				X7XC+66R, Bypass, Hussain Abac Punjab, Pakistan
Outfall Drain	Dia		6"		Lat 29.999145°
Sewer	Material		<u>cc</u>		Google 03/05/23 10:27 AM GMT +05:00
	No. of Screens		2		
Screening Chamber	Screen Condition	Good F	air	Poo r	
Chamber	Chamber	Masonry		V	
	Structure	•			
	Number	2			Bahāwalnagar, Punjab, F
	Shape	Rectan Circula gular r			XXC+66R, Bypass, Hussain Abac Punjab, Pakistan Lat 29.999145°
Wet Wells	Size	25"			Google Long 73.271129° 03/05/23 10:28 AM GMT +05:00
	Structure	Masonr y	F	RCC	
	Railing	Yes		No	
	No. of force mains	1			
	Dia	20"			69
Force Main	Material	PVC			Bahāwalnagar, Punjab, I
	Starting Point	Disposal Station			X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan
	Ending Point	Seepage Drain			Lat 29.999145° Long 73.271129° Long 73.271129° Long 73.271129°
	Length	5600'			03/05/23 10:28 AM GMT +05:00
	Size	2.5'x4'			
Sullage Carrier	Shape	Rectangular		lar	
22290 04.1.01	Length	700′			
	Condition	Fair			
Delivery Pipe	Dia	8"			
, ,	Material	C.I 8"			Bahāwalnagar, Punjab, I X7XC+66R, Bypass, Hussain Abad
Suction Pipe	Dia Material		3" ∷I		Punjab, Pakistan Lat 29.999145°
	Sluice Valves		<u>ı</u> 8		Google Long 73.271129° 03/05/23 10:28 AM GMT +05:00
Number of	Non-Return		<u> </u>		
Valves	Valves Penstock Valves		- 2		
	. Chistock Valves	<u> </u>	_		1



Pictures

Asset Code: _







Integrated Development and Asset Management Plan (IDAMP)

ilitegiateu Developi	ment an	iu Ass	et Mai	lagement i		
Ultimate Disposal	See	oage D	rain			(4)
Civil Structure Condition	Good	Fair	Poo r			A
Control Room Structure	Good	Fair	Poo r		3	N. C.
Discharge Box Structure	Good	Fair	Poo r	1	Bahāwalnagar, Punjab, Pa X7XC+66R, Bypass, Hussain Abad B Punjab, Pakistan Lat 29.999145°	
Approach to Pump House	Good	Fair	Poo r		Long 73.271129° 03/05/23 10:29 AM GMT +05:00	
Hoisting Girder	Yes No					
Boundary Wall & Gate	Yes No					
Treatment of Sewage	Yes		No			
Wastewater daily discharge in m³/day?		4909				
(based on available information at MC)		4707				
Ultimate disposal of wastewater?						
Electro-Mechanical Equipmo	ent Det					
Number of WAPDA Feeders	1					
Transformer Capacity (kVA)	200					
Number of MCU	5					
Sanctioned Load (kWh)		143				
Power Factor Improvement Equipment		Yes No				
Service Cable	Yes		No			
Power Wiring	Yes		No			
Earthing of Motor	Yes		No			
Earthing of MCU	Yes		No			
Generator Availability	Yes					
Light Wiring of Pump House	Yes		No			
Change Over	Yes		No			
		ump D		D	Burn C	Т
		np A		Pump B	Pump C	+
Pump Type	Centrifugal/No n-Clogging			ntrifugal/No -Clogging	Centrifugal/No n-Clogging	Ľ
Pump Brand	K	SB		MECO	MECO	L
Pump Paint		air				
Motor Brand		mens		MECO	MECO	1
	20	020				┺
Installation Year of Pump		020				L
		3				<u> </u>
Installation Year of Pump						
Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.)	9	3				
Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM)	9	3				

			Pump	_	Pun	ם קו	Pun	ip C	Full	np v
Pump Type		Centrifugal/No		Centrifugal/No		Centrifugal/No		Centrifugal/No		
		n-Clogging		n-Clogging		n-Clogging		n-Clogging		
Pump Brand			KSB		MECO		MECO		ME	CO
Pump Paint		Fair								
Motor Brand			Siemens		MECO		MECO		ME	CO
Installation Ye	ar of Pump		2020)						
Discharge Cap	acity (Cusecs)		3							
Rotational Spe	ed (RPM)		960							
Head (ft.)			50							
Motor Power (HP)			40							
Pump Daily Running Time (Hours)		1.6		Non-		Non-		Non-		
	nning Times (Us		1 6							
Pump Daily Ru	nning Time (Ho	urs)	16			tional	Func	tional	Func	tional
Base Plate	nning Time (Ho	ours)	Yes Yes	No		t <mark>ional</mark> No	Func Yes	tional No	Func Yes	tional No
Base Plate	Sluice Valve			No	Func	No				
Base Plate	Sluice Valve Non-Return	.		No	Func	No 8	Yes			
Base Plate Number	Sluice Valve	.	Yes		Func Yes	No 8	Yes B			
Base Plate Number of Valves	Sluice Valve Non-Return Valve	.	Yes	No	Func Yes ting	No 8	Yes 3 4		Yes	No
Base Plate Number	Sluice Valve Non-Return	.	Yes		Func Yes	No 8	Yes B			No

Integrated Development and Asset Management Plan (IDAMP)								
Category	Α	В	ВС		E			
Remarks / Requirements								
 No remark 	(S							
Data Collected	By: Mr. Abdullal	n Designat	ion: Team Member	Julih Sign & Date: 30 May 2023				
Data Checked	By: Mr. M. Fiaz	Designat	ion: Team Lead	Sign & Date: 3	1964 30 May 2023			

Form: Sewerage Di	cipal Comm sposal Stati on Assessm		awalnagar Asset (
		ion	Assat
IDAMF-AT ASSET CONDITI		nent	Da
Asset Detail			Pictures
Name	Model	Town	
Latitude	29.97	6654	
Location Longitude	73.26	1130	
Address	Model	Town,	
Address	Bahawa	alnagar	
Area (Acres)	0.		ar addition to
Installation Year	19	65	Bahāwalnagar, Punjab, P X7XC+66R, Bypass, Hussain Abad
Capital Cost of Machinery			Punjab, Pakistan Lat 29.999145°
Outfall Drain Dia	18		Google Long 73.271129° 03/05/23 10:56 AM GMT +05:00
Sewer Material	RO	CC	
No. of Screens)	
Screening Screen	Goo Fa	ir Poo	
Chamber	d	''' r	
Chamber			
Structure			
Number	1 1		Bahāwalnagar, Punjab, P -X7XC+66R, Bypass, Hussain Abad
Shape	Rectan gular	Circula r	Punjab, Pakistan Lat 29.999145° Long 73.271129° Dang 73.27129° Dan
Wet Wells Size	2	5′	900gle 03/05/23 10:57 AM GMT +05:00
Structure	Masonr y	RCC	
Railing	Yes	No	The American Control of the Control
No. of force	e 1	L	
Dia	8	11	Bahāwalnagar, Punjab, P
Force Main Material	P۱	/C	X7XC+66R, Bypass, Hussain Abad
Starting Point	Disposal	Station	Lat 29.999145°
Ending Point	Seepag	e Drain	Google 03/05/23 10:57 AM GMT +05:00
Length	460	00'	
Size			
Sullage Carrier Shape	No Su	-	
Length	Car	rier	
Condition			
Delivery Pipe Dia	6		Bahāwalnagar, Punjab, P
Material	C		X7XC+66R, Bypass, Hussain Abad Punjab, Pakistan
Suction Pipe Dia	6		Lat 29.999145° Long 73.271129°
Material	C		Google 03/05/23 10:57 AM GMT +05:00
Sluice Valves	2	<u> </u>	_
Number of Non-Return	1	L	
Valves Valves		`	
Penstock Valve			
Ultimate Disposal	Seepag Goo _	. Poo	
Civil Structure Condition	d Fa	ir r	Bahāwalnagar, Punjab, P X7XC+66R, Bypass, Hussain Abad
Control Room Structure	Goo Fa	r	Punjab, Pakistan Lat 29,999145° Long 73,271129° 03/05/23 10:57 AM GMT +05:00
Discharge Box Structure	Goo Fa	air Poo	SOFOGES TOWN FRI WITH 1 195-00

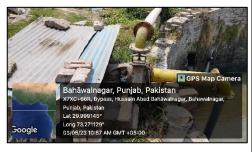


Asset Code:

Date: 02-05-2023









Integrated Development and Asset Management Plan (IDAMP)										
Approach to P	um	p House		Goo d	Fá	air	Poo r			
Hoisting Girde	r			Yes	S	1	Vo			
Boundary Wall	1& (Gate		Yes	S	1	Vo			
Treatment of Sewage			Yes	S	1	No				
Wastewater	dail	y discharg	e in							
m³/day?					10	41				
(based on ava	ilab	ole informati	on at		10	41				
MC)										
Ultimate dispo										
		lechanical Ed	<u>juipme</u>	ent Det	tails	S				
Number of WA						1				
Transformer C		city (kVA)				25				
Number of MC						1				
Sanctioned Lo		•			2	0				
Power Fac	tor	Improve	ment	Yes	s		No			
Equipment						_				
Service Cable				Yes			No			
Power Wiring	. 4			Yes			No			
Earthing of Mo				Yes			No.			
Earthing of MC		.:::4.,		Yes			No.			
Generator Ava				Yes			No No			
Change Over	I Pu	illip House		Yes			No No			
Change Over						p De				
					uiii	ръе	tan	Piii	mp A	
Pump Type									/Non-Clogging	
Pump Brand				Shehzad Pump						
Pump Paint				Good						
Motor Brand				Siemens						
Installation Ye	ar	of Pumn		2021						
Discharge Cap									1.5	
Rotational Spe									960	
Head (ft.)		(111 111)							50	
Motor Power (HP))							20	
Pump Daily Ru			urs)						12	
Base Plate		y : (110	/			,	⁄es			No
	٦,	Sluice Valve	!						2	
Number (of	Non-Returni	ing						1	
Tuives		Valve							*	
_				0	/era	III Ra	ating			
Average Score		1		2			3	3	4	5
Asset Condition		Excellent	(Good			Fa	air	Poor	Failing
Category A				В			(C	D	E
				Remark	s/	Req	uirem	ents		
No remarks										
Data Collected By: Mr. Abdullah			Desig	ınat	ion:	Team	Member	Sign & Date: 3	JSh 0 May 2023	

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

B. Sewerage Network

Sr	Dia	Length (meter)	Age	Condition	Material	Book Value (PKR
#			(Years)			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			RCC	5.1
14	15"	3577		Good		1.8
15	18"	2935				1.7
16	21"	2019				1.4
17	24"	1600	13			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			1.4
28	24"	914	9	Excellent	RCC	1.3
29	27"	638	1			1.1
30	30"	316	1			0.9
31	33"	221	1			1
32	36"	1469	1			7.4
33	48"	612	-			6

Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar											
Form: IDAMP-A6	Ass	Sewerage Net		Asset (Code: te: 02-05-2023						
	ription		Acres)	Percentage							
	d Area		162	26							
	d Area		03		15						
	ed Area)78		74						
	number of	40	770		14						
• •	eceived to MC		51 (Bld	ockage)							
•	erage system?		31 (5)	, chage,							
	ered by MC to										
	complaints										
Pipe Dia (inches)	Pipe Material	Length (m)	No. of Manholes	Year of Laying	Age of Pipe						
9	RCC	5250	344	2000	23						
12	RCC	20324	667	2000	23						
15	RCC	5621	123	2000	23						
18	RCC	4612	76	2000	23						
21	RCC	3172	42	2000	23						
24	RCC	2514	33	2000	23						
27	RCC	1753	23	2000	23						
30	RCC	869	11	2000	23						
33	RCC	607	8	2000	23						
36	RCC	4040	53	2000	23						
48 9"	RCC	1684	14	2000	23						
12"	RCC RCC	3341 12933	219 424	2010 2010	13 13						
15"	RCC	3577	78	2010	13						
18"	RCC	2935	48	2010	13						
21"	RCC	2019	26	2010	13						
24"	RCC	1600	21	2010	13						
27"	RCC	1116	15	2010	13						
30"	RCC	553	7	2010	13						
33"	RCC	386	5	2010	13						
36"	RCC	2571	34	2010	13						
48"	RCC	1071	9	2010	13						
9"	RCC	1909	125	2014	9						
12"	RCC	7391	242	2014	9						
15"	RCC	2044	45	2014	9						
18"	RCC	1677	28	2014	9						
21"	RCC	1154	15	2014	9						
24"	RCC	914	12	2014	9						
27"	RCC	638	8	2014	9						
30"	RCC	316	4	2014	9						
33"	RCC	221	3	2014	9						
36"	RCC	1469	19	2014	9						
48"	RCC	612	5	2014	9						
		Remarks / D	lequirements								
No remark	(S	Remarks / R	equil emerits								
No remarks											

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

C. Vehicles/ Machinery

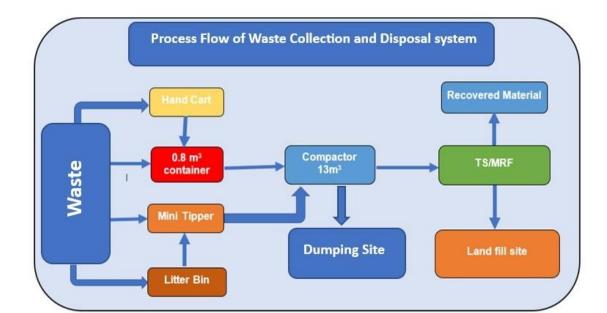
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Suction Machine	TMA-7	16	Fair	6000 CC	Functional	1.1
2	Jetting Machine	TMA-8	16	Fair	6000 CC	Functional	1.1
3	De Watering Sets (6 Nos)	-	-	Good		Functional	Not Available
4	Shoulder Foggers(6 Nos)	Not Applicable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

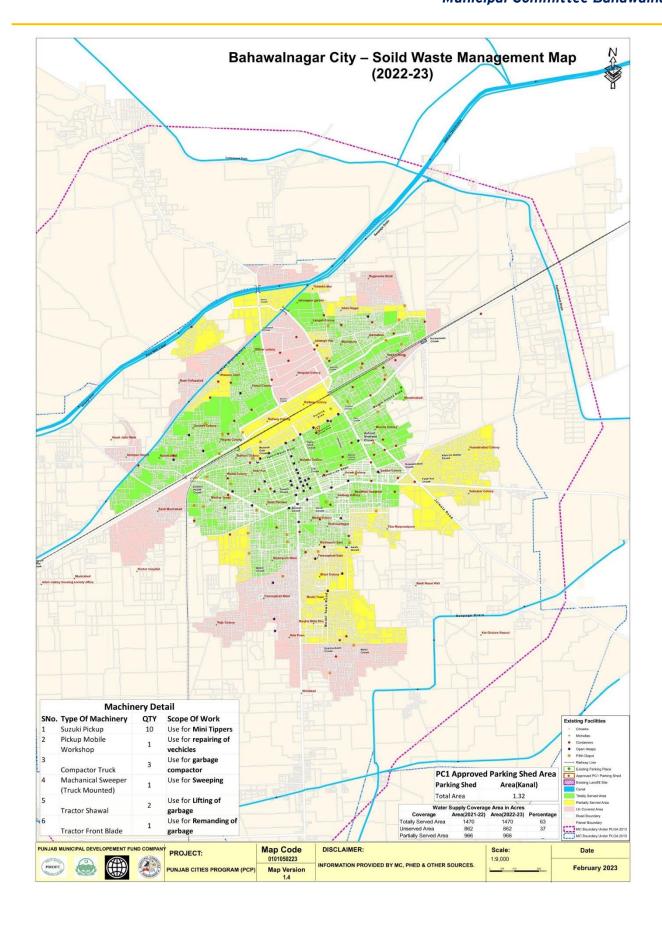
Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar											
Form: Moveable Asset Asset Code: IDAMP-A16 Asset Condition Assessment Date: 02-05-202											
Type of Vehicle / Machinery	Pict	ures									
Sucker & Jetting Machine	Bathovalnagar, Purisis, Pakistan Le Score (app. Carrier) Le Score (app. Carrie	Bahlwalnagar, Punjala, Pakistan Lu-Soomier, Bahlwalnagar, Punjala,									
	Suction Machine	Jetting Machine									

Capacity		4500 liters		4500 liters		
Purpose		Suction		Jetting		
Year of Manufacturing	2007			2007		
Model		PKB 211		PKB 211		
Capital Cost						
Fuel Consumption (Lt)		766		602		
Condition		Fair		Fair		
Engine Capacity		6000 CC		6000 CC		
Maintenance Cost		Not Available		Not Available		
Oiling /Fitness		Yes		Yes		
Fitness Certificate	No			No		
Registered		No Registration		No Registration		
Overall Rating		Fair		Fair		
		Remarks / Requireme	nts			
No remarks						
Data Collected Abdullah	Designation: Team Memi	ber	Jul9h Sign & Date: 30 May 2023			
Data Checked By: Mr. M. Fiaz Designation: Team Lead				Mayfry 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					

	Int	egrate	d Develo	pm	ent	And As	set Managemo	ent Plan (IDAMP)
			Mun	icij	oal (Commit	tee Bahawalna	igar
Form							ping Site ssessment	Asset C Date
Name	Name			ndf	ill S	ite		Pictures
Locatio	Latitu	ıde	30	0.0	103	15		
n	Longit	tude	73	3.2	711:	15		
					∕lutia			
Address			Chov	٧k,	Arif	wala		
					ad			
Area (Acr					9			
Distance area				07	km		_	
Year the for dumpi				20)11			
	Average waste dumped daily (based on information		Not	t A۱	vaila	ıble		
EHS SOP	-	waste	No					
Availabilit	v of	PPEs						
for collectors	•	waste	Yes	No No		No		and the state of t
Expected			5					
Land Own		<u> </u>		Pri	vate	!		
Site Acce	ssibility	,		Go	ood		The state of	
Surface T	ype		Flat		D	epress ed		
Approach Condition		Road	Goo d	F	air	Poor		
Parking S	hed		Yes			No		
Boundary	Wall		Yes			No		
Gate			Yes			No		
Ramps			Yes			No	The same of the sa	March of course of the course
Any Build	_	ite	Yes			No		
Weigh Bri	-	_	Yes			No	1	
Earth Arrangem		Cover	Yes		No			
Compaction Equipmen			Yes			No		
Plantation		d Site	Yes			No		
Any illega or en observed-	croachr	nents		N	10			



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							
		Remarks / R	equirements									
 No remark 	S											
Data Collect Abdullah	ed By: Mr.	Designation: T	eam Member	Sign & Date: 30	JSh O May 2023							
Data Checked	By: Mr. M. Fiaz	Designation: T	eam Lead	Sign & Date: 30	yhy) 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- Functional	0.15
3	MILLAT	BNE 6791	1	24	Poor	50 HP	Non- Functional	0.15
4	AGTL	TMA-1	1	11	Fair	85 HP	Functional	0.2
5	AGTL	TMA-2	1	10	Fair	55 HP	Non- Functional	0.3
6	AGTL	TMA-3	1	10	Fair	55 HP	Functional	0.3
7	MILLAT	TMA-4	1	11	Fair	85 HP	Non- Functional	0.2
8	MILLAT	TMA-5	1	11	Fair	85 HP	Functional	0.2
9	Truck-Hino	Hino-1	1	11	Fair	4009 CC	Functional	0.4
10	Truck-Hino	Hino-2	1	11	Fair	4009 CC	Non- Functional	0.4
11	Truck-Hino	Hino-3	1	11	Fair	4009 CC	Non- Functional	0.4
12	Truck-Hino	Hino-4	1	11	Fair	4009 CC	Functional	0.4
13	MILLAT	MF 385	1	12	Fair	85 HP	Functional	0.2
14	MILLAT	BNJ 1021	1	24	Poor	50 HP	Functional	0.1
15	MILLAT	BNE 6787	1	12	Fair	50 HP	Functional	0.2
16	Front Blade Tractor	Not Registered	1	11	Fair	85 Hp	Functional	
17	Front End Loader 1	BNJ 1021	1	12	Fair	85 Hp	Functional	
	Front End Loader 2	Not Registered	1	11	Fair	85 Hp	Functional	
19	Road Prince	Loader Rickshaw #10	1	6	Good	150 CC	Functional	0.1
20	Road Prince	Loader Rickshaw #9	1	6	Good	150 CC	Functional	0.1
21	Road Prince	Loader Rickshaw #8	1	6	Good	150 CC	Functional	0.1
22	Road Prince	Loader Rickshaw #7	1	6	Good	150 CC	Functional	0.1
23	Road Prince	Loader Rickshaw #6	1	6	Good	150 CC	Functional	0.1
24	Road Prince	Loader Rickshaw #5	1	6	Good	150 CC	Functional	0.1
25	Road Prince	Loader Rickshaw #4	1	6	Good	150 CC	Functional	0.1

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
26	Road Prince	Loader Rickshaw #3	1	6	Good	150 CC	Functional	0.1
27	Road Prince	Loader Rickshaw #2	1	6	Good	150 CC	Functional	0.1
28	Road Prince	Loader Rickshaw #1	1	6	Good	151 CC	Functional	0.1
29	MILLAT	BNJ 1023	1	14	Fair	50 HP	Functional	0.15
30	4-5 m3 containers (Total 65)	Not Available	65	Not Available	Good	4 cubic meter, 5 Cubic meter	Total 65 (30 Requires Repair)	Not Available
31	Garbage Compactor 8 cubic meter capacity Truck	Not Available	3	1	Excellent	8 cubic meter	Functional	7.7
32	Truck mounted vaccume sweeper 4 m³		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
	Front end loader 385HP/4WD	Not Available	2	1	Excellent	385HP/4WD	Functional	4.0
	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

Inte	Integrated Development and Asset Management Plan (IDAMP)							
	l	Municipal	Committ	ee Bahaw	alnagar			
Form: IDAMP-A16		Moveable Asset Asset Code: Asset Condition Assessment Date: 02-05-2023						
Type of Vehicle / Machinery				Pict	ures			
Tractor-Millat			PROUSON			Bara Bara Bara Bara Bara Bara Bara Bara	allwelingger, Punjab, Pakista 1-1941; Bahawhaga, Bahawhaga 0-0109992 3023 1052 AM ONT 40500	Softs Map Conters an an Armsh, Paldran
	Tracto r-	Tracto r-	Tracto r-	Tracto r-	Tracto r-	Tracto r-	Tracto r-	Tracto r-
	Millat 1	Millat 2	Millat 3	Millat 4	Millat 5	Millat 6	Millat 7	Millat 8
Capacity	50HP	50HP	85HP	50HP	50HP	50HP	50HP	50HP
Purpose	SWM	SWM	SWM	SWM	SWM	SWM	SWM	SWM
Year of Manufacturing	1999	1999	2012	2012	2011	1999	2011	2009
Model	MF24 0	MF24 0	MF38 5	MF24 0	MF24 0	MF24 0	MF24 0	MF24 0
Capital Cost								
Fuel Consumption (Lt)	Non- Functi onal	Non- Functi onal	Non- Functi onal	507	549	244	310	307
Condition	Poor	Poor	Fair	Fair	Fair	Poor	Fair	Fair
Engine Capacity	50HP	50HP	85HP	50HP	50HP	50HP	50HP	50HP
Maintenance Cost	Not Availa ble	Not Availa ble	Not Availa ble	Not Availa ble	Not Availa ble	Not Availa ble	Not Availa ble	Not Availa ble
Oiling /Fitness	No	No	No	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No	No	No
Registered	BNE 6788	BNE 6791	Not Regist ered	Not Regist ered	BNJ 1021	BNE 6787	BNJ 1022	BNJ 1023
Overall Rating	Poor	Poor	Fair	Fair	Fair	Poor	Fair	Fair
No remarks Data Collected Abdullah	Data Collected By: Mr. Designation: Team Member							
					Sig	gn & Date:	30 May 2	023

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:		le Asset	Asset Code:				
IDAMP-A16	Asset Condition	on Assessment	Date: 02-05-2023				
Type of Vehicle / Machinery		Pictures					
Tractor-FIAT	2724-99/2, 8a Lat 30:001034 Long 73:25705	gar, Purjab, Pakisfari Nakahara, Shawi nasa, Purib, Pakirian 39 an Ostf 40500	Bahkwafragar, Punjab, Pakistan 224-2970, Bahkwafraya, Bahwafrayar, Punjab, Pakistan 224-2970, Bahwafraya, Bahwafrayar, Punjab, Pakistan 4048-124-27070 10166/23 10:33 AM OVIT =06:00				
	Tractor-FIAT 1	Tractor-FIA1	T2 Tractor-FIAT 3				
Capacity	85HP	55HP					
Purpose	SWM	SWM					
Year of Manufacturing	2012	2013	2013				
Model	Fiat NH640	Fiat NH480	Fiat NH480				
Capital Cost							
Fuel Consumption (Lt)	255	Non-Function	nal 405				
Condition	Fair	Fair	Fair				
Engine Capacity	85HP	55HP	55HP				
Maintenance Cost	Not Available	Not Availab					
Oiling /Fitness	Yes	No	Yes				
Fitness Certificate	No	No	No				
Registered	Not Registered	Not Register	ed Not Registered				
Overall Rating	Fair	Fair	Fair				
	Remarks	/ Requirements					
• No remarks Data Collected By: Mr. Designation: Team Member Abdullah Designation: Team Member							
Abdullah Sign & Date: 30 May 2023							

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

Annexure

Municipal Committee Bahawalnagar

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: IDAMP-A16	Moveable Asset Asset Code: Asset Condition Assessment Date: 02-05-2023						
Type of Vehicle / Machinery			Pictures				
Tractor	Bahawalnagar, Purjab, Pakistan 2724-904, Bahawalnagar, Purjab, Pakistan 2724-904, Bahawalnagar, Purjab, Pakistan 2724-904, Bahawalnagar, Purjab, Pakistan 2724-904, Bahawalnagar, Purjab, Pakistan 2724-905, Bahawalnagar, Purjab, Pakistan 2724-9						
		ade Tractor	Front End Load	der 1	Front End Loader 2		
Capacity		S5HP	85HP		85HP		
Purpose	\$	SWM	SWM		SWM		
Year of Manufacturing		2012	2011		2012		
Model	М	F385	MF385		MF385		
Capital Cost							
Fuel Consumption (Lt)		245	225		260		
Condition		Fair	Fair		Fair		
Engine Capacity	8	5HP	55HP		55HP		
Maintenance Cost	Not A	Available	Not Available		Not Available		
Oiling /Fitness		Yes	No		Yes		
Fitness Certificate		No	No		No		
Registered	Not R	egistered	BNJ 1021		Not Registered		
Overall Rating		Fair	Fair		Fair		
	·		Requirements				
No remarks			,				
Data Collected By: Mr. Abdullah			ion: Team Member		Juloh Sign & Date: 30 May 2023		
Data Checked By: M	Ir. M. Fiaz	Designation: Team Lead		Sign & Date: 30 May 2023			

Integrated Development and Asset Management Plan (IDAMP)								
	Municipal Committee Bahawalnagar							
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment					t Code: Date: 02-05-2023		
Type of Vehicle / Machinery			Pict	ures				
Truck-HINO	E D Paint BESTALKONSELA (PKB ₂)							
	Truck- H	Truck- Hino 1 Truck- Hino 2 Tr		uck- Hino 3	Truck- Hino 4			
Capacity (Volume)	8 m³		8 m ³		8 m ³	8 m ³		
Purpose	SWM		SWM		SWM	SWM		
Year of Manufacturing	2012		2012	2012		2012		
Model	Hino 300		Hino 300		Hino 300	Hino 300		
Capital Cost Fuel Consumption (Lt)	654	ļ	Non-Functional	Noi	n-Functional	510		
Condition	Fair	-	Fair		Fair	Fair		
Engine Capacity	4009		4009 CC		4009 CC	4009 CC		
Maintenance Cost	Not Avai		Not Available	No	t Available	Not Available		
Oiling /Fitness	Yes	<u> </u>	No		No	Yes		
Fitness Certificate	No		No		No	No		
Registered	Not Regis		Not Registered	Not	Registered	Not Registered		
Overall Rating	Fair		Fair narks / Requiremen	te	Fair	Fair		
No remarks		Kell	iai ko / Keyuli elileli					
Data Collected Abdullah	By: Mr.	Designation: Team Member			Juloh Sign & Date: 30 May 2023			
Data Checked By: M	Ir. M. Fiaz	Designation: Team Lead			Sign & Date: 30 May 2023			

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A16	Moveable Asset Asset Code:						
Type of Vehicle / Machinery			Pictures				
Loader Rickshaw	Behävelrager, Furnish, Rakatar Zera-Polt, Rahambaran Enterperacy Punish, Palifran Les 30000917 Les 30000917 Con 3000000000000000000000000000000000000						
	Loader Loader Loader Rickshaw 1 Rickshaw 2 Rickshaw 3			Loader Rickshaw 4	Loader Rickshaw 5		
Capacity	1.5 m ³	1.5 m ³	1.5 m ³	1.5 m ³	1.5 m ³		
Purpose	SWM	SWM	SWM	SWM	SWM		
Year of	SWW	SWIVI	2 AA IAI	3 VV IVI	SWIVI		
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		
	Not	Not	Not	Not	Not		
Maintenance Cost	Available	Available	Available	Available	Available		
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes		
Fitness Certificate	No	No	No	No	No		
	Not	Not	Not	Not	Not		
Registered	Registered	Registered	Registered	Registered	Registered		
Overall Rating	Good	Good	Good	Good	Good		
		Remarks / Requ	uirements				
• No remarks							
Data Collected Abdullah	' Decidnation, leam Member P 3						
Data Checked By: M	1r. M. Fiaz D	Designation: Tean	n Lead	Mayy Sign & Date: 30	by		

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			Balhavelinaga II. Liu 30 000017 Liun 7 2 20000	G GPS Map Camera Punjab, Pakistan Insair, Emanrisost Junisb, Pakiran Ostif +95:00			
	Loader Rickshaw 6	Loader Rickshaw 7	Loader Rickshaw 8	Loader Rickshaw 9	Loader Rickshaw 10	Loader Rickshaw 11	
Capacity	1.5 m ³	1.5 m ³	1.5 m ³	1.5 m ³	1.5 m ³	1.5 m ³	
Purpose	SWM	SWM	SWM	SWM	SWM	SWM	
Year of Manufacturing	2017	2017	2017	2017	2017	2000	
Model	RP150- LD	RP150- LD	RP150- LD	RP150- LD	RP150- LD	Not Available	
Capital Cost							
Fuel Consumption (Lt)	82	82	85	86	82	158	
Condition	Good	Good	Good	Good	Good	Poor	
Engine Capacity	150 CC	150 CC	150 CC	150 CC	150 CC	16 HP	
Maintenance Cost	Not Available	Not Available	Not Available	Not Available	Not Available	Not Available	
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	Yes	
Fitness Certificate	No	No	No	No	No	No	
Registered	Not Register ed	Not Registere d	Not Register ed	Not Registere d	Not Register ed	Not Registere d	
Overall Rating	Good	Good	Good	Good	Good	Poor	
No remarks Data Collected							
Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 30							

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

Annexure

Municipal Committee Bahawalnagar

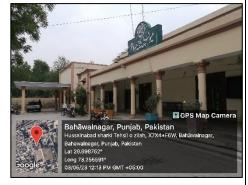
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	Martin
		Sign & Date: 30 May 2023

4. Building

Α. Offices

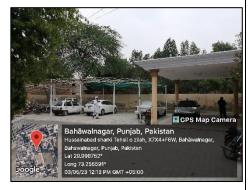
Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Area Acre
1	MC Building	51	Fair	Functional	180	1.25

	lr	ntegrated Deve	elopment an	d Asset Man	agement Plan (IDAMP)
				mittee Baha	
Form	1:		Build	ling	Asset Co
IDAMP-A14 Ass			et Conditio	n Assessme	nt Date
Name			MC B	uilding	Pictures
Locatio	Latit	ude		98752	
n	Long	itude	73.25	55591	
Address			Rafique S	hah Chowk	
Year of Co	onstru	ction	19	972	
Land Area	(Acre	es)	1	.0	
No. of Sto	ries			1	
Condition			_	air	
Purpose				stration	
No. of Sta				29	Transmis of The III
No. of Roo				28	
		ting Room	Yes	No	Bahāwalnagar, Punjab, Pa
Store Roo			Yes	No	Hussainabad sharki Tehsil o zilah, X Bahawainagar, Punjab, Pakistan
Study Roo		ok Shelf	Yes	No	Lat 29.998752° Long 73.256591°
Boundary			Yes	No	03/05/23 12:13 PM GMT +05:00
Heating	. &	Cooling	Yes	No	27 N 28 N
Arrangem					
Parking L		= 1111	Yes	No	
Drinking V			Yes	No	
water	ty and	d quality of			
	n ava	ilable water	Yes	No	
quality te					
Washroon		Sewerage			Pohäusinges Dunish De
System	,	Serrerage	Yes	No	Bahāwalnagar, Punjab, Pa Hussainabad sharki Tehsil o zilah, X Bahawalnagar, Punjab, Pakistan
Separate	Was	shroom for			Lat 29.998752° Long 73.255591°
Ladies			Yes	No	Doogle 03/05/23 12:13 PM GMT +05:00
Prayers A	rea/ro	om	Yes	No	
Furniture			Yes	No	Western for
Electric	Applia	nces (Fans	Vaa	Na	
Etc.)			Yes	No	
Machinery	/ & Equ	uipment	Yes	No	
Sports Cli	ub		Yes	No	The same of the sa
Staff Atte	endanc	e System	Yes	No	
		m System	Yes	No	
	hting	System /	Yes	No	Bahāwalnagar, Punjab, Pa X7X4+F6X, Baldia Rd, Bahāwalnaga
Equipmen			1 53	140	Lat 29,998649° Long 73.25572°
		el chairs at	Yes	No	03/05/23 12:12 PM GMT +05:00
entry gate					
Security (Yes	No	
Park/lawr plantation		utdoor/indoor	Yes	No	
piaiitatioi					



Asset Code: _

Date: 02-05-2023





Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Bahawalnagar												
Form:		Building	Asset Code:										
IDAMP-A14	As	Dat	e: 02-05-2023										
Average	1	1 2		4	5								
Score	_	_	3	•									
Asset Condition	Excellent	Good	Fair	Poor	Failing								
Category	A	В	С	D	E								
		Remarks / R	Requirements										
• No remark	(S	,											
Data Collect Abdullah	ed By: Mr.	Designation: T	eam Member	Jufoh Sign & Date: 30 May 2023									
Data Checked	By: Mr. M. Fiaz	Designation: T	eam Lead	Sign & Date: 30 May 2023									

B. Library

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

C. Residential Buildings

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

D. Shops

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Bahawalnagar													
Form: IDAMP-A17							Asset	Shop Condition A	ssessment			Asset Code: Date: 02-05- 2023		
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
1	9002	Baldia Road Bahawalna gar	29.99772 854	73.25551 7	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Dr. Magsod Ahmad Baloch	Freshly,c ylinder gass,jazz franchise
2	1900 8	Minchanab ad Road Bahawalna gar	30.00730 311	73.26763 72	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Amjad	Agricultu ral parts
3	2000	Minchanab ad Road Bahawalna gar	30.00793 096	73.26830 07	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Fazilat UI Nisa W/o Mushtaq, Abdul Rasheed	Aluminu m works
4	1201 3	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99990 827	73.25632 041	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Aziz UI Rehman	Architect
5	6011	Quaid-e- Milat Road Bahawalna gar	30.00258 918	73.26044 158	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Iqbal	Arms Repairin g

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Bahawalnagar													
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			Asset Code: Date: 02-05- 2023		
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
6	1700 5	Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalna gar	30.00021 099	73.25670 404	140	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Malik Abdul Hafeez	Asia Cargo
7	2500 1	Nilam Cinema Chowk Muslim Colony Bahawalna gar	29.99891 256	73.26226 36	64	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Nasir	Auto Electricia n
8	1025	Old Meat Market Eid Gah Road Bahawalna gar	29.99938 123	73.25214 918	156	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Rafique	Auto shop
9	2500 2	Nilam Cinema Chowk Muslim Colony Bahawalna gar	29.99927 333	73.26236 229	64	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ameer	Auto shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name Status **Status** Quaid-e-Auto 3100 30.00343 Milat Road 73.25993 Commercia Owned/ Rented/ Shaukat 10 1504 Spare 1 No No Good 238 Ali Bahawalna 146 Managed Leased **Parts** gar Quaid-e-Muhamm Auto 2400 Milat Road 30.00218 73.26060 Commercia Owned/ Rented/ ad 11 391 1 No Good No Spare 229 323 Abubaka Bahawalna Managed Leased **Parts** gar Quaid-e-Muhamm Auto 2400 Milat Road 30.00237 73.26094 Commercia Owned/ Rented/ 12 391 1 No No Good ad Spare Bahawalna 159 419 Leased Managed Magsood **Parts** aar Minchanab Muhamm Auto ad Road 30.00629 73.26618 1900 Commercia Owned/ Rented/ 13 168 1 No No Good ad spare Bahawalna 612 09 Managed Leased Mushtag parts gar Auto Quaid-e-Spare 73.25983 Milat Road 30.00338 Owned/ 3000 Rented/ Commercia 14 900 1 No No Good Liagat Ali **Parts** 243 518 Managed Leased Bahawalna and gar Pesticide Nilam Cinema 2500 29.99927 73.26236 Commercia Owned/ Rented/ Muhamm Auto 15 64 1 Chowk No No Good 172 318 Managed Leased ad Hanif Store Muslim Colony

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Bahawalnagar													
Fori	m: MP-A17						Asset	Shop Condition A	ssessment			Asset Code: Date: 02-05- 2023		
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
16	3012	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00384 007	73.25955 255	216	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Shareef	Auto Work Shop
17	3022	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00352 417	73.25977 58	300	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Haji Jan Muhamm ad	Auto Worksho p
18	3019	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00352 429	73.25977 609	276	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Tariq Mansoor	Auto Worksho p
19	3001 0	Quaid-e- Milat Road Bahawalna gar	30.00368 751	73.26022 848	1225	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Zulfigar Ali	Auto Worksho p
20	3000 4	Dilshad Market Quaid-e-	30.00382 466	73.25962 137	5394	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Mubarik Ali	Auto Worksho p

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** No of Litigation SR Shop **Property** Longitud Area Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Milat Road Bahawalna gar Municipal Market Tehsil 29.99953 73.25518 Commercia Owned/ Rented/ Irshad 241 21 8014 1 No No Good Backery Bazar Road 191 012 Managed Leased Ahmad Bahawalna gar Municipal Market 29.99952 73.25520 Tehsil Rented/ Commercia Owned/ Irshad 241 22 8019 1 No No Good Bakery Bazar Road 515 Managed 649 Ahmad Leased Bahawalna gar Municipal Shopping Center 1201 29.99982 73.25622 Commercia Owned/ Rented/ Ameer Bar B 23 200 Thana 1 No No Good 954 325 Managed Mavia Que Leased Sadar Road Bahawalna gar Municipal Shopping 1201 29.99981 73.25614 Commercia Owned/ Rented/ Rasheed Barbar 24 200 Center 1 No No Good 595 927 Managed Leased Ahmad Shop Thana Sadar Road

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Bahawalnagar													
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			Asset Code: Date: 02-05- 2023		
SR	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
25	1201 4	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99990 113	73.25631 333	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Mehmoo d lqbal	Barbar Shop
26	1103 1	Khan Baba Road Bahawalna gar	29.99310 324	73.25376 391	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Rafique	Barbar Shop
27	1027	Old Meat Market Eid Gah Road Bahawalna gar	29.99957 128	73.25243 403	120	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Siddiq	Barber shop
28	3000 3	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00381 97	73.25964 886	5394	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ayyub	Bardana
29	8001	Municipal Market Tehsil	29.99973 923	73.25565 33	60	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Munir	Bargar Showarm a

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) Stories p Status Exist Status n Name **Status Status** Bazar Road Bahawalna gar Quaid-e-Milat Road 30.00168 73.26093 Commercia Owned/ Rented/ Battery 30 6005 48 1 Sabir Ali No No Good Bahawalna 48 208 Managed Leased shop gar Quaid-e-Muhamm Battery Milat Road 30.00181 73.26104 Commercia Owned/ Rented/ ad 31 5016 48 1 No Nο Good 773 Bahawalna 681 Managed Leased Ashfaq shop Javed aar Quaid-e-Rahat & Milat Road 30.00192 73.26103 Commercia Owned/ Rented/ Battery 32 5019 48 1 No No Good Bahawalna 908 134 Leased Co. Managed Shop gar Quaid-e-73.26096 30.00167 Owned/ Rahat & Battery Milat Road Commercia Rented/ 33 5020 48 1 No Good No 35 707 Managed Bahawalna Leased Co. Shop gar Quaid-e-Muhamm Batterv Milat Road 30.00188 73.26099 Owned/ Rented/ ad Commercia 34 5015 48 1 No No Good 923 Managed Bahawalna 763 Leased Ashfaq shop Javed aar Quaid-e-30.00127 Milat Road 73.26095 Owned/ Commercia Rented/ Battery 35 5012 19040 No No Saleem Good 263 Managed Bahawalna 189 Leased Store gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S **Stories** Code Address (Saft) p Status Exist Status n Name **Status Status** Municipal Market Tehsil 73.25520 29.99941 Owned/ Rented/ Mirza Book Commercia 241 36 8003 1 No Good No Bazar Road 377 589 Managed Leased Irfan Depot Bahawalna gar Baldia Zahid Book 1501 29.99879 73.25475 Road Owned/ Rented/ Commercia 37 200 1 No No Good Mehmoo dipu Managed Bahawalna 538 412 Leased d store gar Municipal Shopping Center 1201 29.99987 73.25633 Muhamm Commercia Owned/ Rented/ Book 38 200 1 Thana No No Good 838 84 Managed Leased shop ad Akbar Sadar Road Bahawalna aar Baldia Ghulam 2300 Road 29.99914 73.25507 Commercia Owned/ Rented/ Book 39 431 1 Mustafa No No Good 3 Bahawalna 721 372 Managed Leased shop Gull gar Minchanab Building 30.00743 1901 ad Road 73.26774 Commercia Owned/ Rented/ Muhamm Material 40 168 Good 1 No No Bahawalna 066 238 Managed Leased ad Yasin Shop gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant** Property Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name **Status Status** Minchanab Building 1901 ad Road 30.00764 73.26789 Commercia Owned/ Rented/ Mehmoo Material 41 168 1 No No Good 962 3 Bahawalna 639 Managed Leased d Akhtar Shop gar Minchanab Building 1901 ad Road 30.00765 73.26790 Commercia Owned/ Rented/ Mehmoo 42 168 Good 1 No No Material 497 897 Bahawalna Managed Leased d Akhtar Shop gar Minchanab Building 1901 ad Road 30.00771 73.26810 Commercia Owned/ Rented/ Abdul 43 168 No No Good Material 1 8 Bahawalna 432 308 Leased Rehman Managed Shop aar Minchanab Building 1902 ad Road 30.00785 73.26824 Commercia Owned/ Rented/ Furgan 44 168 1 No No Good Material Bahawalna 612 548 Managed Leased Ahmad Shop gar Minchanab Building ad Road 30.00802 1902 73.26834 Commercia Owned/ Rented/ Muhamm 45 168 1 No No Good Material Bahawalna 845 725 Managed Leased ad Siddig Shop gar Minchanab Buildina 1902 ad Road 30.00802 73.26835 Sarfraz Commercia Owned/ Rented/ 46 168 1 No No Good Material 8 Bahawalna 054 312 Managed Leased Ahmad Shop aar Buildina 1903 30.00836 73.26868 Owned/ Bahsir Minchanab Commercia Rented/ 47 168 1 Good Material No No 334 475 3 ad Road Managed Leased Ahmad Shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Minchanab Building ad Road Muhamm 1903 30.00837 73.26873 Owned/ Rented/ Commercia 48 168 1 No No Good Material 257 Bahawalna 162 Managed Leased ad Abid Shop gar Minchanab 1902 ad Road 30.00785 73.26824 Commercia Owned/ Rented/ Qari Building 49 168 1 No No Good 3 Bahawalna 612 548 Managed Leased Sultan Metrial aar Minchanab Ghulam Burger & 1900 ad Road 30.00626 73.26600 Commercia Owned/ Rented/ 50 168 1 No Nο Good Muhamm Shuarma Bahawalna 762 997 Managed Leased 6 ad shop aar Municipal Shopping Center 1202 29.99978 73.25610 Commercia Owned/ Rented/ Muhamm Burger 51 200 1 Good Thana No No 131 133 Managed Leased ad Yasin Shop Sadar Road Bahawalna gar Dilshad Market Car 73.25977 3000 Quaid-e-30.00358 Commercia Owned/ Rented/ **Ashraf** 52 202 1 No Good Showroo No 022 Ali Milat Road 548 Managed Leased m Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio Tenant **Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Dilshad Market Muhamm Car 73.25934 3000 Quaid-e-30.00414 Owned/ Rented/ Commercia 53 2946 1 No Showroo No Good ad 241 999 Milat Road Managed Leased Younas m Bahawalna gar Quaid-e-Car 3001 30.00322 73.26012 Salah Ud Milat Road Commercia Owned/ Rented/ 54 4602 1 No No Good Showroo 924 Managed Bahawalna 716 Leased Din m gar Minchanab Car 30.00771 1901 ad Road 73.26808 Commercia Owned/ Rented/ Muhamm 55 168 1 No No Good Showroo 537 Bahawalna 556 ad Afzal Managed Leased m gar Minchanab Car ad Road 30.00776 1902 73.26810 Owned/ Rented/ Azizan Commercia 56 168 1 No No Good Showroo 672 Bibi 0 Bahawalna 145 Managed Leased m gar Minchanab Car 73.26810 1902 ad Road 30.00776 Commercia Owned/ Rented/ Inayat 57 168 1 No No Good Showroo Bahawalna 672 145 Managed Leased Begum m gar Minchanab Car 30.00780 73.26811 Commercia 1801 ad Road Owned/ Rented/ Nasreen 58 168 1 No Showroo No Good 2 Bahawalna 42 764 Managed Leased Akther m gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name **Status Status Bypass** Minchanab Malik 30.00936 2800 73.27139 Commercia Owned/ Rented/ Cargo 59 15999 1 Fateh ad Road No No Good 686 001 Managed Leased Service Khan Bahawalna gar **Bypass** Minchanab 2800 30.00938 73.27134 Commercia Owned/ Rented/ Bashir Cargo 60 15999 ad Road No No Good 276 562 Managed Leased Ahmad Service Bahawalna gar **Bypass** Minchanab 2800 30.00907 73.27138 Commercia Owned/ Rented/ Rana Cargo 15999 61 ad Road Good 1 No Nο 3 843 108 Managed Leased Sardar Service Bahawalna gar **Bypass** Minchanab Rana 2800 30.00892 73.27122 Commercia Owned/ Rented/ Cargo 62 Abdul 15999 ad Road 1 No No Good 974 964 Managed Leased Service Bahawalna Ghafar gar **Bypass** Minchanab 2801 30.00740 73.27133 Owned/ Rented/ Nazir Commercia Cargo 15999 63 No ad Road No Good 376 247 Managed Leased Ahmad Service Bahawalna gar 73.26771 1900 Minchanab 30.00720 Commercia Owned/ Rented/ Muhamm Cement 64 168 1 Good No No 903 717 ad Road Managed Leased ad Siddia shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address e (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Miscellane ous Market 29.99985 Eid Gah 73.25315 Owned/ Rented/ Manzoor Commercia 65 2012 163 1 No Good No Ceramics Road 374 483 Managed Leased Ahmad Bahawalna gar Khan Baba Muhamm 1101 Road 29.99421 73.25462 Owned/ Rented/ ad Chemical Commercia 66 100 1 No No Good 338 Managed Bahawalna 632 Leased **Ibrahim** House Babu aar Miscellane ous Market Eid Gah 29.99973 73.25287 Commercia Owned/ Rented/ Abdul Chicken 67 2008 163 1 Good No No Road 371 103 Managed Leased Toheed Shop Bahawalna gar Khan Baba 1102 Road 29.99347 73.25374 Commercia Owned/ Rented/ Munshi Chicken 68 100 1 No No Good Jamaldin Bahawalna 676 756 Managed Leased shop gar Old Meat Market Eid 29.99949 73.25239 Chiken Commercia Owned/ Rented/ Abdul 69 Gah Road 120 1 1018 No No Good 442 004 Managed Leased Majeed Shop Bahawalna gar

	Integrated Development and Asset Management Plan (IDAMP)														
	Municipal Committee Bahawalnagar														
Forr	n: 1P-A17				Shop Asset Condition Assessment							Asset Code: Date: 02-05- 2023			
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s	
70	1501 3	Baldia Road Bahawalna gar	29.99857 547	73.25491 223	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Arshad	Clinic	
71	1503 4	Baldia Road Bahawalna gar	29.99862 621	73.25505 688	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ahmad	Clinic	
72	1201 5	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99986 34	73.25630 773	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ibrar	Clinic	
73	1300	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99990 398	73.25681 384	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Dr. Maqbool	Clinic	
74		shopping center	29.99990 912	73.25683 13	240	2	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Fair	Dr Maqbool Ahmad	Clinic	
75	1300 2	Municipal Shopping	29.99984 648	73.25683 767	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Dr. Maqbool	Clinic	

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Center Thana Sadar Road Bahawalna gar Khan Baba 1100 29.99398 73.25412 Road Commercia Owned/ Rented/ Ikram Ud 76 100 1 No No Good Clinic 226 254 Managed Din Bahawalna Leased gar Baldia 73.25535 Road 29.99806 Commercia Owned/ Rented/ Muhamm 77 9003 1088 1 Good Clinics No No 947 517 Managed ad Jamil Leased Bahawalna gar **Bypass** Minchanab 30.00833 2800 73.27129 Owned/ Rented/ Bashir Coc cola Commercia 78 ad Road 15999 1 No No Good 022 Managed 032 Leased Ahmad and hotel Bahawalna gar Shops Mulhiq Bagh Ali 30.00014 73.25718 Rana Cold 1701 Hospital Owned/ Rented/ Commercia 79 140 1 No No Good 262 287 Thana Managed Leased Rashid Corner Sadar Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Quaid-e-Muhamm 2900 Cold Milat Road 30.00332 73.25991 Commercia Owned/ Rented/ 1504 80 1 No No Good ad 548 Bahawalna 011 Managed Leased Corner Zulfigar gar Shops Mulhig Bagh Ali Courier Muhamm 1701 Hospital 30.00037 73.25656 Owned/ Rented/ Commercia and 81 140 1 No No Good ad Managed Pharmac Thana 633 35 Leased Nawaz Sadar Bahawalna gar Quaid-e-Milat Road 30.00259 73.26049 Commercia Owned/ Rented/ Saeed Courier 82 5004 19040 No No Good 1 Bahawalna 058 884 Managed Leased Ahmad Service gar Khan Baba Khan 1103 29.99312 Road 73.25374 Commercia Owned/ Rented/ Decorati 83 100 1 No No Good Muhamm Bahawalna 002 758 Managed Leased on ad gar Municipal Shopping Center 29.99990 1200 73.25646 Rented/ Commercia Owned/ Muhamm Decorati 84 200 1 Good Thana No No 499 502 Managed Leased ad Khalid on Shop Sadar Road Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name Status **Status** Khan Baba Muhamm 29.99316 1100 Road 73.25379 Commercia Owned/ Rented/ Decorati 85 100 1 No No Good ad Bahawalna 541 2 492 Managed Leased on shop Akram gar Khan Baba 1103 Road 29.99310 73.25371 Commercia Owned/ Rented/ Niaz Decorati 86 100 1 No No Good 604 916 3 Bahawalna Managed Leased Ahmad on Shop gar Quaid-e-Milat Road 30.00273 73.26039 Commercia Owned/ Rented/ Muhamm Decorati 19040 87 5001 No No Good 1 Bahawalna 84 011 Leased Managed ad Anwar on shop gar Baldia 29.99857 Abdul 1500 Road 73.25474 Commercia Owned/ Rented/ Dental 88 315 1 No No Good Bahawalna 319 007 Managed Leased Hafeez Clinic gar Baldia 1503 29.99855 73.25485 Road Commercia Owned/ Rented/ Farzand Dental 89 200 1 No No Good Bahawalna 794 846 Managed Leased Ali Clinic gar Shops Mulhia 1701 Bagh Ali 30.00009 73.25710 Commercia Owned/ Rented/ Ghulam Drv 90 140 1 Good No No 98 999 Cleaner Hospital Managed Leased Mustafa Thana Sadar

	Integrated Development and Asset Management Plan (IDAMP)															
	Municipal Committee Bahawalnagar															
Forr	m: MP-A17				Shop Asset Condition Assessment								Asset Code: Date: 02-05- 2023			
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s		
		Bahawalna gar														
91	1701 5	Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalna gar	30.00009 229	73.25707 733	140	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Ghulam Rasool, Ghulam Mustafa Toseef Ahmad	Dry Cleaner		
92	1701 6	Shops Mulhiq Bagh Ali Hospital Thana Sadar Bahawalna gar	30.00007 774	73.25705 76	140	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Ghulam Mustafa, Muhamm ad Nazir	Dry Cleaner		
93	1600 5	Thana City Road Bahawalna gar	30.00127 071	73.26124 058	162	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Khalida Parveen, Shamim Ijaz, Bushra Khanum	Dry cleaner		
94	2002	Miscellane ous Market Eid Gah	29.99966 752	73.25275 287	130	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	M Sabir S/o Ahmad	Dry Fruit Shop		

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Road Bukhsh Bahawalna M Amin S/o gar Aleem Ud Din Khan Baba Dry 29.99407 73.25439 Muhamm 1100 Road Commercia Owned/ Rented/ 95 100 1 **Fruits** No No Good 911 Managed ad Ayyub Bahawalna 217 Leased shop gar Khan Baba 73.25374 1102 Road 29.99328 Commercia Allah Electric Owned/ Rented/ 96 100 1 Good No No 245 187 Managed Leased Ditta 4 Bahawalna shop aar Khan Baba 29.99387 1102 Road 73.25389 Commercia Owned/ Rented/ Muhamm Electric 97 1 100 No No Good 12 Bahawalna 454 Managed Leased ad Yasin 0 store gar Miscellane ous Market Muhamm 29.99993 Electric Eid Gah 73.25314 Commercia Owned/ Rented/ 163 1 98 2011 No No Good ad 265 Road 238 Managed Leased Store Saleem Bahawalna gar Dilshad Muhamm Electric Market 30.00397 73.25943 Commercia Owned/ Rented/ 252 99 3020 1 No No Good ad Weldina. Quaid-e-635 231 Managed Leased **Ibrahim** Gate Jali Milat Road

	Integrated Development and Asset Management Plan (IDAMP)															
	Municipal Committee Bahawalnagar															
Forr	m: //P-A17				Shop Asset Condition Assessment								Asset Code: Date: 02-05- 2023			
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s		
		Bahawalna gar														
10 0	2500 4	Nilam Cinema Chowk Muslim Colony Bahawalna gar	29.99927 172	73.26236 318	64	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Akram	Engineeri ng Works		
10	2500 7	Nilam Cinema Chowk Muslim Colony Bahawalna gar	29.99932 654	73.26233 348	64	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Ishtiaq Ahmad	Engineeri ng Works		
10 2	1801 1	Eid Gah Road Bahawalna gar	30.00759 99	73.26779 993	32	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Safdar	Engineeri ng works		
10 3	1200 6	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99992 84	73.25657 196	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Arshad Ghafoor	Fabrics shop		

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name **Status Status** Old Meat Market Eid Muhamm 29.99955 10 73.25242 Commercia Owned/ Rented/ 1015 Gah Road 120 1 ad Javed Fish No No Good 572 4 355 Managed Leased Bahawalna Igbal gar Thana City Sved 1600 30.00008 73.25681 10 Road Commercia Owned/ Rented/ 162 1 No No Good Irshad Fish shop 5 544 Managed Bahawalna 013 Leased Hussain gar Old Meat Market Eid 29.99950 73.25238 10 Commercia Owned/ Rented/ Munir 120 1017 Gah Road 1 Good No No Fish shop 6 187 254 Managed Leased Ahmad Bahawalna gar Old Meat Market Eid 29.99946 10 Sheikh Fish 73.25233 Commercia Owned/ Rented/ Gah Road 120 1019 1 No No Good 391 7 058 Managed Leased Ahmad Shop Bahawalna gar Old Meat Market Eid 29.99945 10 73.25229 Commercia Owned/ Rented/ Shahab Fish Gah Road 120 1 Good 1010 No No 8 122 Din 014 Managed Leased Shop Bahawalna gar Old Meat Muhamm 29.99946 Fish 10 73.25226 Commercia Owned/ Rented/ 1020 Market Eid 120 1 No Good ad No 9 17 364 Managed Leased Shop Gah Road Ramzan

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Old Meat Market Eid 29.99946 11 73.25222 Commercia Owned/ Rented/ Mehtab Fish 1021 Gah Road 120 1 No No Good 0 665 937 Ali Managed Leased Shop Bahawalna gar Old Meat Market Eid Muhamm 29.99940 11 73.25213 Owned/ Rented/ Commercia 1024 Gah Road 120 1 No Good ad Fish shop No 1 518 297 Managed Leased Bahawalna Mushtag aar Old Meat Market Eid 29.99943 73.25221 Abdul Fish 11 Commercia Owned/ Rented/ Gah Road 120 1 1022 No No Good 2 856 556 Jabbar Managed Leased store Bahawalna gar Thana City Foundati Non Dr. 11 1600 Road 30.00017 73.25719 Owned/ Rented/ 23392 1 Commercia No No Good 3 2 Bahawalna 923 777 Managed Leased Bukhtiar School gar Baldia 73.25504 1503 Ghulam 11 Road 29.99883 Commercia Owned/ Rented/ Fresh 200 1 No No Good 9 Bahawalna 578 063 Managed Leased Rasool iuice gar 11 29.99780 73.25530 Baldia Commercia Owned/ Rented/ Rauf freshly 200 9001 1 No No Good 5 Road 249 353 Managed Leased Ahmad water

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Khan Baba Fruit Road 11 1103 29.99354 73.25371 Owned/ Rented/ Naseer Commercia 100 1 No No Good chat 5 Ud Din 6 Bahawalna 032 577 Managed Leased shop gar Old Meat Market Eid Muhamm 11 29.99963 73.25264 Commercia Owned/ Rented/ Fruit 94 1026 Gah Road 1 No No Good ad 7 082 239 Managed Leased Shop Shareef Bahawalna aar Khan Baba Muhamm 29.99408 11 1100 Road 73.25432 Fruit Commercia Owned/ Rented/ 100 1 No No ad Good 8 5 Bahawalna 771 503 Managed Leased shop Abdullah aar Khan Baba Road 29.99380 Fruit 11 1101 73.25380 Owned/ Rented/ Muhamm Commercia 100 1 No No Good Bahawalna 363 779 6 Managed Leased ad Ali shop gar Khan Baba 29.99363 73.25380 Fruit 12 1100 Road Owned/ Shaukat Commercia Rented/ 100 1 No No Good Ali 0 1 Bahawalna 112 101 Managed Leased Shop gar Minchanab Muhamm 12 1903 ad Road 30.00824 73.26863 Furniture Commercia Owned/ Rented/ 168 1 No No Good ad 855 609 1 0 Bahawalna Managed Leased shop **Ashraf** gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name Status **Status** Baldia 29.99930 12 2300 Road 73.25504 Commercia Owned/ Rented/ Javed Garment 431 1 No No Good 2 297 Bahawalna 482 Managed Leased Igbal S gar Haji Baldia 12 1500 Road 29.99913 73.25499 Commercia Owned/ Rented/ Abdul Garment 431 1 No Good No 3 006 795 5 Bahawalna Managed Leased Rehman s shop Qureishi gar Minchanab 12 1900 ad Road 30.00643 73.26622 Commercia Owned/ Rented/ Muhamm Gas 168 1 No No Good 4 5 Bahawalna 94 549 Leased ad Ali Managed Agency gar Thana City 1600 Road 30.00140 73.26152 12 Commercia Owned/ Rented/ Muhamm General 162 1 No No Good 5 6 Bahawalna 328 61 Managed Leased ad Jamil Store gar Old Meat Market Eid 12 29.99956 73.25271 Owned/ Bashir Rented/ General Commercia 1012 Gah Road 120 1 No No Good 326 6 Managed Leased 064 Ahmad Store Bahawalna gar Old Meat Market Eid Muhamm 29.99956 73.25258 General 12 Commercia Owned/ Rented/ Gah Road 120 1 1014 No No Good ad 7 293 684 Managed Leased Store Bahawalna Saleem gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name **Status Status** Miscellane ous Market Eid Gah 29.99973 73.25285 12 Owned/ Rented/ General Commercia Mehmoo 130 2006 1 No Good No 8 Road 362 859 Managed Leased d Ahmad Store Bahawalna gar Khan Baba Muhamm 29.99392 73.25397 General 12 1101 Road Owned/ Rented/ Commercia 100 1 No No Good ad 9 Managed 2 Bahawalna 748 467 Leased Store Asghar gar Dilshad Market Haji Jan 13 Quaid-e-30.00352 73.25977 Commercia General Owned/ Rented/ 3018 300 1 Good No No Muhamm 58 0 Milat Road 417 Managed Leased Store ad Bahawalna aar Old Meat Market Eid 13 29.99956 73.25258 Commercia Owned/ Rented/ Muhamm General 120 1013 Gah Road 1 No No Good 1 293 684 ad Siddig Store Managed Leased Bahawalna gar Khan Baba 29.99395 73.25401 13 1101 Road Commercia Owned/ Rented/ General 100 1 Yasin No No Good 2 Bahawalna 288 832 Leased Store 1 Managed gar 13 1101 Khan Baba 29.99378 73.25380 Commercia Owned/ Rented/ Abdul General 100 1 No No Good 3 231 Road 676 Managed Leased Aziz. Store

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna Rasheed Ahmad gar Khan Baba Road 13 1101 29.99358 73.25379 Owned/ Rented/ Muhamm General Commercia 100 1 No No Good 4 4 Bahawalna 447 889 Managed Leased ad Yasin Store gar Khan Baba 13 1102 Road 29.99352 73.25375 Commercia Owned/ Rented/ Niaz General 100 1 No No Good 5 9 Bahawalna 494 56 Managed Leased Ahmad Store aar Khan Baha 13 1103 Road 29.99325 73.25370 Commercia Owned/ Zahoor Rented/ General 100 1 No Nο Good 6 0 Bahawalna 348 155 Managed Leased Ahmad Store aar Minchanab 13 1902 ad Road 30.00792 Siraj Hardwar 73.26828 Commercia Owned/ Rented/ 168 1 No No Good 525 7 6 Bahawalna Managed Leased Ahmad е gar Khan Baba Shaukat 13 1102 29.99417 73.25460 Ali Bazria Hardwar Road Commercia Owned/ Rented/ 100 1 No No Good 8 555 Bahawalna 447 Abdul Managed Leased е Sattar gar Khan Baba Muhamm 29.99401 13 1100 Road 73.25430 Rented/ Hardwar Commercia Owned/ ad Azam. 100 1 Good No No 9 880 367 Bahawalna Managed Leased Muhamm е ad Imran gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Khan Baba Muhamm 29.99400 Hardwar 14 1100 Road 73.25427 Commercia Owned/ Rented/ ad Niaz, 100 1 No No Good 192 279 0 Bahawalna Managed Leased Muhamm е 6 adJaved gar Miscellane ous Market 29.99976 73.25304 14 Eid Gah Commercia Owned/ Rented/ Hardwar 2010 163 1 No No Good Liagat Ali 37 Managed 1 Road 941 Leased Bahawalna gar Quaid-e-Muhamm 30.00270 Milat Road 73.26040 14 Commercia Owned/ Rented/ Hardwar 19040 5002 1 No No Good ad Khalid 2 569 Bahawalna 689 Managed Leased е Akhter gar Baldia Muhamm 14 1500 Road 29.99863 73.25501 Owned/ Rented/ Commercia ad 200 1 No No Good Hotel Ghulam 3 Bahawalna 973 609 Managed Leased Umer gar Baldia Muhamm 73.25496 14 1500 Road 29.99885 Commercia Owned/ Rented/ ad 200 1 No No Good Hotel 2 Bahawalna 229 545 Managed Leased Ghulam Umer gar Baldia Syed 29.99889 Commercia 14 1501 Road 73.25497 Owned/ Rented/ 200 1 No No Good Ahmad Hotel 5 2 Bahawalna 025 022 Managed Leased Shah gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name Status **Status** Baldia 29.99862 14 1503 Road 73.25505 Commercia Owned/ Rented/ Fida 200 1 No No Good Hotel Ahmad 6 5 Bahawalna 621 688 Managed Leased gar Baldia Muhamm 14 1503 Road 29.99864 73.25496 Commercia Owned/ Rented/ 200 1 No ad Khalid Hotel No Good 7 525 5 6 Bahawalna Managed Leased Faroog gar Baldia 14 1502 Road 29.99876 73.25489 Commercia Owned/ Rented/ Muhamm 200 1 No No Good Hotel 8 2 Bahawalna 273 101 Leased ad Anwar Managed gar Baldia Muhamm 29.99891 73.25469 14 1501 Road Commercia Owned/ Rented/ ad 100 1 No No Good Hotel 9 Bahawalna 414 944 Managed Leased Ghulam Umer gar Baldia 29.99900 73.25485 15 1502 Road Commercia Owned/ Rented/ Ghulam 200 1 No No Good Hotel 0 0 Bahawalna 553 82 Managed Leased Umer gar Baldia 1501 Road 29.99898 73.25485 15 Commercia Owned/ Rented/ Muhamm 100 1 No No Good Hotel 1 6 Bahawalna 057 705 Managed Leased ad Siddia aar 29.99852 15 1502 Baldia 73.25481 Commercia Owned/ Rented/ Abdul 200 1 No No Good Hotel 2 5 246 489 Hafeez Road Managed Leased

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar **Bypass** Minchanab 2800 30.00797 15 73.27131 Commercia Owned/ Rented/ Muhamm 15999 ad Road No No Good Hotel 3 8 694 136 ad Azam Managed Leased Bahawalna gar **Bypass** Minchanab 15 2801 30.00733 73.27135 Owned/ Rented/ Muhamm Commercia ad Road 15999 1 No No Good Hotel 4 125 71 Managed ad Jamil Leased Bahawalna gar Muhamm ad Quaid-e-Attique 2400 30.00214 73.26071 Commercia 15 Milat Road Owned/ Rented/ 391 1 No No Good Abbasi, Hotel 5 Bahawalna 908 873 Managed Leased Muhamm gar ad Akhtar Quaid-e-Ch. 30.00208 15 2400 Milat Road 73.26077 Commercia Owned/ Rented/ 391 1 No Good Muhamm Hotel No Bahawalna 02 434 Leased 6 4 Managed ad Jamil gar Quaid-e-Ice 2000 30.00873 15 Milat Road 73.26918 Commercia Owned/ Rented/ Muhamm 478 1 No No Good cream 7 2 888 Bahawalna 424 Managed Leased ad Imran shop gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Dilshad Market Muhamm Quaid-e-73.25948 15 30.00413 Owned/ Rented/ Iron Commercia 132 3023 1 No Good No ad 8 308 357 Milat Road Managed Leased Shop Ramzan Bahawalna gar Dilshad Market 15 73.25948 Quaid-e-30.00413 Commercia Owned/ Rented/ Zikur Iron 1 3002 132 No No Good 308 9 Milat Road 357 Managed Leased Rehman Shop Bahawalna gar Dilshad Market 16 Quaid-e-30.00408 73.25944 Commercia Owned/ Rented/ Ghulam Iron 3003 132 1 Good No No 0 Milat Road 861 849 Leased Managed Hussain Shop Bahawalna gar Dilshad Market 30.00408 73.25945 Zikur 16 Quaid-e-Owned/ Rented/ Iron Commercia 3004 132 1 No No Good Milat Road 916 573 1 Managed Leased Rehman Shop Bahawalna gar Dilshad 16 30.00401 73.25943 Commercia Owned/ Rented/ Muhamm Iron 3006 Market 132 1 No No Good 2 137 773 Managed Leased ad Jamil Shop Quaid-e-

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Milat Road Bahawalna gar Dilshad Market 16 Quaid-e-30.00401 73.25943 Commercia Owned/ Rented/ Muhamm Iron 3005 132 1 No No Good 3 Milat Road 137 773 Managed Leased ad Jamil Shop Bahawalna gar Dilshad Market Riaz Quaid-e-30.00400 73.25942 16 Commercia Owned/ Rented/ Iron 3007 132 1 No No Good Ahmad 4 863 Milat Road 116 Managed Leased Shop Shahid Bahawalna gar Dilshad Market Muhamm 16 Quaid-e-30.00394 73.25944 Commercia Owned/ Rented/ Iron 221 3008 1 No No Good ad 5 Milat Road 557 724 Managed Leased Shop Naeem Bahawalna gar Dilshad Market 16 Quaid-e-30.00387 73.25953 Owned/ Rented/ Azhar Commercia Iron 204 1 3011 No No Good 6 904 Milat Road 411 Managed Leased Qayyum Shop Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Dilshad Market Quaid-e-30.00380 73.25956 Owned/ Rented/ Muhamm 16 Commercia Iron 264 1 No Good 3013 No 7 234 72 Milat Road Managed Leased ad Aslam Shop Bahawalna gar Dilshad Market 73.25959 16 Quaid-e-30.00376 Commercia Owned/ Rented/ Zia UI Iron 1 3014 276 No No Good 8 Milat Road 166 242 Managed Leased Khizir Shop Bahawalna gar Dilshad Market 16 Quaid-e-30.00370 73.25962 Commercia Owned/ Rented/ Abdul Iron 288 3015 1 Good No No 934 9 Milat Road 383 Leased Waheed Managed Shop Bahawalna gar Dilshad Market 17 30.00370 73.25961 Quaid-e-Owned/ Rented/ Yahya Commercia Iron 3016 300 1 No No Good Milat Road 0 188 436 Managed Leased Khan Shop Bahawalna gar Dilshad Muhamm 17 30.00345 73.25978 Commercia Owned/ Rented/ Iron 3001 Market 300 1 No No Good ad 1 132 656 Managed Leased Shop Quaid-e-Ramzan

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Milat Road Bahawalna gar Dilshad Market 17 3000 Quaid-e-30.00397 73.25953 Commercia Owned/ Rented/ Sajid Iron 4427 1 No Good No 2 Milat Road 914 974 6 Managed Leased Rafigue Shop Bahawalna gar Dilshad Market labal Quaid-e-73.25945 17 3000 30.00404 Commercia Owned/ Rented/ Iron 3032 1 No No Good Raza 3 824 784 Shop Milat Road Managed Leased Shaheen Bahawalna gar Quaid-e-Muhamm 17 3001 Milat Road 30.00340 73.25982 Commercia Owned/ Rented/ Iron 408 1 No No Good ad 025 4 Bahawalna 762 Managed Leased Shop Ashfaq gar Minchanab 30.00789 17 1902 ad Road 73.26825 Commercia Owned/ Rented/ Furgan Iron 168 1 No No Good 5 5 62 Bahawalna 244 Managed Leased Ahmad Shop gar Old Meat 29.99945 17 73.25219 Commercia Owned/ Rented/ Iron 1011 Market Eid 120 1 No No Good Imam Din 6 828 041 Managed Leased Shop Gah Road

	Integrated Development and Asset Management Plan (IDAMP)															
	Municipal Committee Bahawalnagar															
Forr	n: 1P-A17				Shop Asset Condition Assessment								Asset Code: Date: 02-05- 2023			
SR	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s		
		Bahawalna gar														
17 7	1101 8	Khan Baba Road Bahawalna gar	29.99365 281	73.25376 967	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Munawar Hussain	Iron Shop		
17 8	1102 7	Khan Baba Road Bahawalna gar	29.99362 334	73.25378 315	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Khoshi Muhamm ad	Iron Shop		
17 9	1102 6	Khan Baba Road Bahawalna gar	29.99352 533	73.25373 533	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Arshad	Iron Shop		
18 0	1102 8	Khan Baba Road Bahawalna gar	29.99322 595	73.25382 805	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Shareef	Iron Shop		
18 1	6004	Quaid-e- Milat Road Bahawalna gar	30.00140 333	73.26106 91	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Hafiz Muhamm ad Sharif	Iron shop		
18 2	3000 5	Dilshad Market Quaid-e- Milat Road	30.00385 818	73.25961 847	1116	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Malik Tufail	Iron Store		

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio Tenant Latitude Location ment S Code Address e (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Municipal Shopping Center Jazz 1200 29.99993 73.25648 Nisar 18 Commercia Owned/ Rented/ 200 1 Good Thana No No Franchis 559 3 141 Ahmad Managed Leased Sadar Road е Bahawalna gar Municipal Shopping Center Jazz 29.99993 18 1200 73.25652 Owned/ Rented/ Nisar Commercia 200 1 Good Franchis Thana No Nο 39 4 4 316 Managed Leased Ahmad Sadar Road Bahawalna gar Baldia 18 2300 Road 29.99915 73.25503 Commercia Owned/ Rented/ Nadeem Jewellers 431 1 No Good No 122 275 Bahawalna Leased Azmat Shop Managed aar Municipal Shopping Center 18 1202 29.99990 73.25644 Commercia Owned/ Rented/ Jahanzai Juice 200 1 Thana No No Good Managed 6 263 348 Leased b Corner Sadar Road Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name Status **Status** Quaid-e-Laal Juice 18 Milat Road 30.00126 73.26115 Commercia Owned/ Rented/ 19040 shop and 5014 1 No No Good Muhamm 7 72 Bahawalna 861 Managed Leased PCO ad gar Khan Baba 18 1103 Road 29.99413 73.25434 Commercia Owned/ Rented/ Bashir Karyana 100 1 Good No No 531 8 Bahawalna 463 Managed Leased Ahmad Store 4 gar Minchanab Muhamm 18 1900 ad Road 30.00634 73.26620 Commercia Owned/ Rented/ Khal 168 1 No No Good ad 9 3 Bahawalna 757 698 Leased Banola Managed Saleem aar Miscellane ous Market 19 Eid Gah 29.99970 73.25283 Commercia Owned/ Rented/ Muhamm Khal 1 2005 130 No No Good 0 05 Road 704 Banola Managed Leased ad Ikram Bahawalna gar Quaid-e-Muhamm Khal 19 3002 Milat Road 30.00319 73.26013 Commercia Owned/ Rented/ Banola/R ad Ilyas 4602 1 No No Good 1 0 Bahawalna 169 786 Managed Leased Sidddiai esidence gar Old Meat Market Eid 19 29.99943 73.25214 Owned/ Rented/ Commercia Muhamm Kiryana 1023 Gah Road 120 1 No No Good 2 508 583 Managed Leased ad Shafiq Store Bahawalna aar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Eid Gah Muhamm 30.00153 19 1801 Road 73.25724 Commercia Owned/ Rented/ Kryana 32 1 No No Good ad 3 676 Bahawalna 616 Managed Leased store 0 Rafigue gar Shops Mulhig Bagh Ali 1700 30.00043 73.25656 19 Hospital Owned/ Rented/ Commercia Landa 264 1 No No Good Qasim Ali Managed 4 3 Thana 496 114 Leased Cloths Sadar Bahawalna gar Municipal Market Muhamm Madina 19 Tehsil 29.99952 73.25520 Commercia Owned/ Rented/ ad 241 8016 1 Good Bakers & No No 5 Bazar Road 649 515 Leased Managed Arshad Sweets Bahawalna Khan gar Municipal Market Madina 19 29.99952 73.25502 Tehsil Owned/ Rented/ Commercia 8018 484 1 Irshad Ali Bakers & No No Good Bazar Road 705 54 6 Managed Leased Sweets Bahawalna gar Baldia 29.99877 73.25504 Мар 19 1503 Commercia Owned/ Rented/ Abdul 200 No 1 No Good 7 Maker Road 599 327 Managed Leased Latif

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Minchanab Khushi ad Road 19 1903 30.00686 73.27132 Owned/ Rented/ Marbel Commercia 168 1 No No Good Muhamm Bahawalna Shop 8 5 036 888 Managed Leased ad gar Minchanab 19 2000 ad Road 30.00686 73.27132 Commercia Owned/ Rented/ Marbel 168 1 No No Good Shakoor 9 5 Bahawalna 048 917 Managed Leased Shop gar Muhama md Ali Minchanab S/o Allah 20 1903 ad Road 30.00671 73.27087 Owned/ Rented/ Marble Commercia 1 168 No No Good Bakhsh. 0 Bahawalna 036 319 8 Managed Leased shop Muhamm gar ad Javed S/o **Bypass** Minchanab Muhamm 20 2800 30.00867 73.27137 Commercia Owned/ Rented/ Marble ad Road 15999 No No Good ad 1 5 171 629 Managed Leased works Bahawalna Mushtag gar **Bypass** Minchanab 30.00765 20 2800 73.27133 Owned/ Rented/ Sirai Marble Commercia 15999 1 ad Road No No Good 521 2 58 Ahmad Managed Leased works Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Miscellane ous Market Masala 20 Eid Gah 29.99971 73.25279 Owned/ Rented/ Muhamm Commercia 2001 130 1 No Good Jaat No 3 Road 006 951 Managed Leased ad Sabir Shop Bahawalna gar Miscellane ous Market Masala 20 29.99966 73.25285 Eid Gah Commercia Owned/ Rented/ Muhamm 1 2004 130 No No Good Jaat 4 Road 07 679 Managed Leased ad Anwar Shop Bahawalna gar 29.99397 73.25412 Chirag 20 khan baba Commercia Owned/ Rented/ medical 280 2 No No Fair 5 market 165 288 Managed Leased din store Quaid-e-Muhamm 20 Milat Road 30.00167 73.26098 Commercia Owned/ Rented/ 6001 48 1 No No Good ad Milk shop 965 6 Bahawalna 938 Managed Leased Nadeem gar Minchanab 20 1902 ad Road 30.00825 73.26861 Commercia Owned/ Rented/ Shamim Mini 168 1 No No Good 7 9 Bahawalna 498 892 Managed Leased Akhter Guds gar Minchanab Muhamm 2100 Mobil Oil 20 ad Road 30.01053 73.27155 Owned/ Rented/ Commercia 272 1 No No Good ad 8 718 Bahawalna 736 Shop Managed Leased **Ashraf** gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio Tenant **Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Baldia Syed 29.99856 20 1400 Road 73.25522 Commercia Owned/ Rented/ Mobile 100 Najeeb 1 No No Good 9 716 2 Bahawalna 126 Managed Leased shop Ali Shah gar Municipal Market 21 29.99968 73.25551 Tehsil Commercia Owned/ Rented/ Muhamm Mobile 8002 60 1 No No Good 0 Bazar Road 798 Managed 077 Leased ad Amin Shop Bahawalna gar Municipal Market 21 Tehsil 29.99963 73.25557 Commercia Owned/ Rented/ Mirza Mobile 8015 60 1 No No Good 21 1 Bazar Road 669 Managed Leased Irfan Shop Bahawalna aar Municipal Market 21 Tehsil 29.99957 73.25549 Commercia Owned/ Rented/ Muhamm Mobile 8004 60 1 Good No No 2 Bazar Road 486 466 Managed Leased ad Shafi Shop Bahawalna gar Municipal Shahid 21 Market 29.99957 73.25556 Owned/ Mobile Commercia Rented/ 8005 60 1 No No Good Mehmoo 3 Tehsil 15 659 Managed Leased Shop d Bazar Road

	Integrated Development and Asset Management Plan (IDAMP)															
						Munic	ipal Committe	ee Bahawalna	agar				anat Cada			
Forr IDAM	n: 1P-A17				Shop Asset Condition Assessment								Asset Code: Date: 02-05- 2023			
SR	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s		
		Bahawalna gar														
21 4	8006	Municipal Market Tehsil Bazar Road Bahawalna gar	29.99950 834	73.25543 898	60	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Hafiz Muhamm ad Yousaf	Mobile Shop		
21 5	8007	Municipal Market Tehsil Bazar Road Bahawalna gar	29.99953 86	73.25542 158	60	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Afzal	Mobile Shop		
21 6	8008	Municipal Market Tehsil Bazar Road Bahawalna gar	29.99955 214	73.25543 382	60	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Arshad Adil	Mobile Shop		
21 7	8009	Municipal Market Tehsil Bazar Road Bahawalna gar	29.99962 149	73.25537 59	60	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Ghani	Mobile Shop		

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** No of Litigation SR Shop **Property** Longitud Area Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Municipal Market 21 Tehsil 29.99938 73.25532 Sved Owned/ Rented/ Mobile Commercia 60 8010 1 No Good No 8 Bazar Road 728 607 Managed Leased Ikram Shop Bahawalna gar Municipal Abbasia Shopping Textile Center 21 29.99975 1202 73.25610 Commercia Owned/ Rented/ Mils Mobile 200 1 Thana No No Good 23 8 2 142 Managed Leased Bazria shop Sadar Road Muhamm Bahawalna ad Dilbar gar Municipal Abbasia Shopping Textiles Center 21 1202 29.99974 73.25611 Owned/ Rented/ Mils Mobile Commercia 200 1 Thana No Good No 9 1 46 823 Managed Leased Bazria shop Sadar Road Muhamm Bahawalna ad Dilbar gar Municipal Shopping Center 22 73.25668 1200 30.00006 Commercia Owned/ Rented/ Akhtar Mobile 1 Thana 200 No No Good 0 411 706 Managed Leased Ali Shop Sadar Road Bahawalna gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name Status **Status** Eid Gah 22 30.00279 73.25995 1800 Road Commercia Owned/ Rented/ Muhamm Mobile 32 1 No No Good 967 1 Bahawalna 06 Managed Leased ad Igbal shop gar Eid Gah 22 1800 Road 30.00285 73.25985 Commercia Owned/ Rented/ Muhamm Mobile 32 No Good 1 No 2 836 2 Bahawalna 403 Managed Leased ad Amjad Shop gar Eid Gah 22 Mobile 1800 Road 30.00287 73.25984 Commercia Owned/ Rented/ Muhamm 32 No No Good 1 3 3 Bahawalna 882 738 Leased ad Arif Shop Managed gar Eid Gah Muhamm 22 1800 30.00280 Road 73.25972 Commercia Owned/ Rented/ Mobile 32 1 No No Good ad Bahawalna 339 617 Managed Leased shop Khuram gar Nilam Cinema Chowk Muhamm 22 29.99934 Mobile 2500 73.26226 Commercia Owned/ Rented/ 64 1 Muslim No No Good ad 5 504 6 484 Managed Leased Shop Shareef Colony Bahawalna gar Municipal Muhamm 22 Market 29.99950 73.25529 Owned/ Rented/ Mobile Commercia 241 8013 1 No No Good ad 6 Tehsil 982 031 Managed Leased shop Safdar Bazar Road

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Quaid-e-Motorcyc Muslim 22 Milat Road 30.00260 73.26046 Owned/ Rented/ le Commercia 5003 19040 1 No No Good Cycle Bahawalna 11 423 Managed Leased Showroo Works gar m Dilshad Market Muhamm Motors 22 3000 Quaid-e-30.00362 73.25970 Owned/ Rented/ ad Asim Commercia 252 1 No No Good and Rent 8 Milat Road 702 519 Managed Leased Khan 1 A Car Bahawalna Zahid aar Shops Mulhia Bagh Ali 22 1700 Hospital 30.00042 73.25656 Commercia Owned/ Rented/ Saif Ullah Mukhtar 264 1 No Nο Good 9 Flex Thana 895 046 Managed Leased Qureshi Sadar Bahawalna aar Khan Baba Muhamm 29.99403 23 1100 73.25417 Owned/ Rented/ Naswar Road Commercia 100 1 No No Good ad Khalil 8 607 381 Managed 0 Bahawalna Leased shop Khan gar 23 30.00281 73.25985 Commercia Owned/ Rented/ Satluj park 1250 2 No Fair No null null 871 594 Managed 1 Leased

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Baldia Office 23 29.99816 1400 Road 73.25513 Commercia Owned/ Rented/ Anti 1632 1 No No Good Office 2 977 Bahawalna 967 Managed Leased Corrupti gar on Shops Mulhig Bagh Ali Malik 23 Hospital 30.00027 73.25658 1700 Owned/ Rented/ Commercia 140 1 No No Good Abdul Office 3 Managed 6 Thana 704 486 Leased Hafeez Sadar Bahawalna gar Minchanab 23 1901 ad Road 30.00764 73.26807 Commercia Owned/ Rented/ Abdul 168 1 No No Good Oil shop 954 Rehman Bahawalna 934 Managed Leased aar Miscellane ous Market 23 Eid Gah 29.99970 73.25279 Commercia Owned/ Rented/ Muhamm 2003 130 1 Good Oil Shop No No 5 Road 994 923 Managed Leased ad Sultan Bahawalna gar Quaid-e-Muhamm 23 Milat Road 30.00214 73.26064 Owned/ Commercia Rented/ Oil shop 48 6008 1 No No Good ad 6 333 Bahawalna 101 Managed Leased Asghar gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name Status **Status** Quaid-e-Muhamm 23 Milat Road 30.00183 73.26107 Commercia Owned/ Rented/ 48 5017 1 No No Good ad Ayyub Oil shop 7 634 Bahawalna 967 Managed Leased Khan gar Quaid-e-23 2000 Milat Road 30.00897 73.26935 Commercia Owned/ Rented/ Muhamm Open 478 1 Good No No 8 578 Plot 3 Bahawalna 161 Managed Leased ad Din gar Minchanab 23 1903 ad Road 30.00808 73.27136 Commercia Owned/ Rented/ Muhamm Open No 168 No Good 1 9 9 Bahawalna 287 967 Leased ad Shafiq Plot Managed gar Chishtian 24 29.99584 73.24134 2100 Road Commercia Owned/ Rented/ Ahsan Open 1088 1 No No Good 0 2 Bahawalna 776 367 Managed Leased Plot Kareem gar Khan Baba 24 1100 29.99406 73.25437 Road Commercia Owned/ Rented/ Mumtaz Paint 100 1 No No Good 1 4 Bahawalna 202 037 Managed Leased Ahmad Shop gar Minchanab 24 1900 ad Road 30.00730 73.26763 Commercia Owned/ Rented/ Ashfaa 168 1 No No Good Paints 2 299 9 Bahawalna 691 Managed Leased Ahmad aar Old Meat 24 29.99952 73.25239 Owned/ Commercia Rented/ Muhamm 120 1016 1 Good Pan Shop Market Eid No No 3 901 884 Managed Leased ad Gah Road

	Integrated Development and Asset Management Plan (IDAMP)														
	Municipal Committee Bahawalnagar														
Forr	n: 1P-A17				Shop Asset Condition Assessment							Asset Code: Date: 02-05- 2023			
SR	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s	
		Bahawalna gar											Siddique Umer		
24 4	1002	Old Meat Market Eid Gah Road Bahawalna gar	29.99958 19	73.25261 163	95	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Mohd. Rafiq S/O Ameer Bux, Faiz Muhamm ad S/O MAmin	Pan Shop	
24 5	1502 8	Baldia Road Bahawalna gar	29.99872 818	73.25511 332	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Rehman	Pharmac y	
24 6	1502 9	Baldia Road Bahawalna gar	29.99867 656	73.25520 276	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Shoukat Ali	Pharmac y	
24 7	1202 4	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99966 566	73.25603 604	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul salam akhtar	Pharmac y	
24 8	1201 6	Municipal Shopping	29.99985 411	73.25613 02	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Amanat Ali	Pharmac y	

					Integrat	ed Develop	oment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	e Bahawaln	agar					
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			A	Asset Code: Dat	:e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Center Thana Sadar Road Bahawalna gar												
24 9	1200 5	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99995 111	73.25652 954	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Amjad Ghafoor	Pharmac y
25 0	1101 0	Khan Baba Road Bahawalna gar	29.99400 613	73.25415 207	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Chiragh Din	Pharmac y
25 1	1201 8	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99981 688	73.25616 864	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ahmad	Pharmac y
25 2	3009	Dilshad Market Quaid-e- Milat Road	30.00394 545	73.25944 695	132	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Naeem	Pharmac y

					Integrat	ed Develop	ment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	e Bahawalna	agar					
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			Д	sset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
25 3	3010	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00391 11	73.25948 118	192	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Ch. Faqir Muhamm ad	Pharmac y
25 4	8017	Municipal Market Tehsil Bazar Road Bahawalna gar	29.99939 405	73.25515 737	248	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Syed Shamsha d Hussain Zaidi	Photo Studio
25 5	1201	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99970 881	73.25602 26	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Mazhar Iqbal Ghazi	Photo Studio
25 6	5005	Quaid-e- Milat Road Bahawalna gar	30.00250 167	73.26056 009	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Nazir Ahmad	Photosta t shop
25 7	1600 4	Thana City Road	30.00009 488	73.25682 942	162	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Mumtaz Ahmad	Photosta te

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Municipal Market 25 29.99954 Tehsil 73.25548 Owned/ Rented/ Muhamm Photosta Commercia 8011 60 1 No Good No 8 Bazar Road 818 791 Managed Leased ad Igbal te Shop Bahawalna gar Municipal Market Mirza 25 29.99955 73.25539 Photosta Tehsil Commercia Owned/ Rented/ Muhamm 60 8012 1 No No Good 9 Bazar Road 418 116 ad te Shop Managed Leased Bahawalna Asharf gar Quaid-e-26 Milat Road 30.00248 73.26036 Commercia Owned/ Rented/ Abdul Photosta 48 6007 1 No No Good 351 0 Bahawalna 886 Managed Leased Latif te shop gar 26 30.00281 73.25985 Commercia Owned/ Rented/ press 2 satluj park 13600 No No Fair null 871 594 1 Managed Leased club Shops Mulhiq Muhamm 26 1701 Bagh Ali 30.00024 73.25693 Commercia Owned/ Rented/ 1 **Printers** 140 No No Good ad Azhar Hospital 578 787 Managed Leased Igbal Thana Sadar

					Integrat	ed Develop	ment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	e Bahawalna	agar			_		
Forr	m: //P-A17						Asset	Shop Condition As	ssessment			A	Asset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
26 3	1200	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99994 557	73.25674 07	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Safdar Bilal	Printing Press
26 4	1300	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99989 916	73.25674 845	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Nazir Ahmad	Printing Press
26 5	1201	Municipal Shopping Center Thana Sadar Road Bahawalna gar	29.99978 054	73.25681 782	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Irshad	Printing Press
26 6	1200 9	Municipal Shopping Center Thana	29.99972 332	73.25681 179	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Anwar Bibi	Printing Press

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Longitud Litigation SR Shop **Property** Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) Stories p Status Exist Status n Name **Status Status** Sadar Road Bahawalna gar Municipal Shopping Center 29.99967 26 1202 73.25680 Printing Commercia Owned/ Rented/ Muhamm 200 1 Good Thana No No 817 272 Managed Leased ad Tarig Press Sadar Road Bahawalna gar Shops Mulhiq Bagh Ali 26 Hospital Printing 1700 30.00051 73.25657 Commercia Owned/ Rented/ **Amjad** 264 1 No No Good 8 2 Thana 429 051 Managed Leased Ghafoor Press Sadar Bahawalna gar Shops Mulhig Bagh Ali 73.25651 Rented/ 26 1700 Hospital 30.00057 Commercia Owned/ Printing 264 1 No No Good Jalal Din 9 880 Managed Thana 607 Leased press Sadar Bahawalna gar

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					Integrat	ed Develop	ment and Ass	set Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	ee Bahawalna	agar					
Forr	m: MP-A17						Asset	Shop Condition A	ssessment			A	Asset Code: Dat	e: 02-05-
SR	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
27 7	1901 6	Minchanab ad Road Bahawalna gar	30.00759 653	73.26803 627	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Shamim Akther	Sanitary Store
27 8	6009	Quaid-e- Milat Road Bahawalna gar	30.00227 425	73.26063 481	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Rehman Khawar	Sapray center
27 9	5006	Quaid-e- Milat Road Bahawalna gar	30.00237 921	73.26066 331	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Shafqat Nadeem	Sapray centre
28 0	5011	Quaid-e- Milat Road Bahawalna gar	30.00172 303	73.26121 472	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Amin	Sapray Centre
28 1	6012	Quaid-e- Milat Road Bahawalna gar	30.00258 679	73.26044 068	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Nazir Ahmad, Muhamm ad Rafique Anjum	Seeds and Fertilizer Shop
28 2	1102 3	Khan Baba Road	29.99341 867	73.25371 437	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Sami ul Haq	Shoe store

					Integrat	ed Develor	oment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	ee Bahawaln	agar					
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			A	Asset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
28	2300 4	Baldia Road Bahawalna gar	29.99918 576	73.25503 807	431	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Haji Abdul Rehman Qureishi	Shoes Shop
28 4	1102 2	Khan Baba Road Bahawalna gar	29.99334 249	73.25370 029	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Farooq	Shoes Shop
28 5	1900 4	Minchanab ad Road Bahawalna gar	30.00641 426	73.26621 797	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Naeem Akthar	Snooker Club
28 6	1902 2	Minchanab ad Road Bahawalna gar	30.00784 397	73.26824 981	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Qari Sultan	Solar panels shop
28 7	1400 3	Baldia Road Bahawalna gar	29.99855 102	73.25524 121	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Shafiq Uz Zaman	Sports shop
28 8	1502 7	Baldia Road Bahawalna gar	29.99889 608	73.25495 704	200	1	Commercia 	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Zulfiqar	Sports Shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** SR Shop Longitud No of Ownershi Litigation Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name Status **Status** Baldia Muhamm 28 29.99874 1503 Road 73.25499 Commercia Owned/ Rented/ Sports 200 1 No No Good ad 9 Bahawalna 483 803 Managed Leased Shop 2 Faroog gar Baldia 29 1503 Road 29.99864 73.25501 Commercia Owned/ Rented/ Abdul Sports 200 1 Good No No 488 991 0 8 Bahawalna Managed Leased Latif shop gar Thana City Nazar 29 1600 Road 30.00142 73.26155 Commercia Owned/ Rented/ Spray 162 No No Good 1 Muhamm Bahawalna 301 579 Leased 1 Managed centre ad aar Quaid-e-29 30.00225 Milat Road 73.26069 Commercia Owned/ Rented/ Munir Spray 5007 19040 No No Good 2 Bahawalna 451 737 Managed Leased Ahmad centre gar Baldia 29 29.99889 Khalil 1500 Road 73.25495 Commercia Owned/ Rented/ 263 1 No No Good Store 3 3 Bahawalna 365 495 Managed Leased Ahmad gar Baldia 29 1501 Road 29.99900 73.25485 Commercia Owned/ Rented/ **Imtiaz** 100 1 No No Good Store 542 4 4 Bahawalna 791 Managed Leased Ahmad aar Muhamm 29 1500 Baldia 29.99848 73.25499 Owned/ Commercia Rented/ 100 1 Store No No Good ad 5 9 Road 965 052 Managed Leased **Ashraf**

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Baldia 29 1500 Road 29.99847 73.25481 Commercia Owned/ Rented/ Abdul 100 1 No No Good Store Hafeez 6 8 Bahawalna 757 02 Managed Leased gar Baldia 29 1500 Road 29.99850 73.25481 Commercia Owned/ Rented/ Abdul 100 1 No No Good Store 7 Bahawalna 411 311 Managed Leased Hafeez aar Baldia 29 1502 Road 29.99855 73.25480 Commercia Owned/ Rented/ Khalil 200 1 No Nο Good Store Ahmad 8 6 Bahawalna 212 212 Managed Leased aar Baldia Muhamm 29 1500 Road 29.99859 73.25479 Commercia Owned/ Rented/ 263 1 ad Khalid No No Good store 9 147 45 6 Bahawalna Managed Leased Faroog gar Baldia 30 1502 29.99872 73.25468 Road Commercia Owned/ Rented/ Muhamm 263 1 Good Store No No 6 53 0 Bahawalna Leased ad Igbal 3 Managed gar Baldia Sada 30 1502 Road 29.99873 73.25468 Rented/ Hussain. Commercia Owned/ 331 Store 1 Good No No 71 715 Arif 1 4 Bahawalna Managed Leased Hussain gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Longitud Litigation SR Shop **Property** Area No of Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) Stories p Status Exist Status n Name **Status Status** Shops Mulhig Bagh Ali Malik 30.00020 73.25651 30 1700 Hospital Owned/ Rented/ Commercia No 140 1 No Good Abdul Store 2 901 Managed Thana 532 Leased Hafeez Sadar Bahawalna gar Shops Mulhiq Bagh Ali Malik 30 Hospital 30.00020 73.25651 1700 Commercia Owned/ Rented/ 140 1 No Abdul No Good Store 3 9 Thana 901 532 Managed Leased Hafeez Sadar Bahawalna gar Shops Mulhiq Bagh Ali Malik Hospital 30 1700 30.00026 73.25654 Commercia Owned/ Rented/ 140 1 No No Good Abdul Store 8 Thana 107 716 Managed Leased Hafeez Sadar Bahawalna aar 30 29.99390 73.25392 1101 Khan Baba Commercia Owned/ Rented/ Muhamm 100 1 No No Store Good 5 3 Road 22 466 Managed ad Nazir Leased

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud No of Ownershi Current Conditio **Tenant Property** Area Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Baldia Road 29.99887 30 1501 73.25479 Owned/ Rented/ Muhamm Commercia 100 1 No No Good Store 6 8 Bahawalna 712 824 Managed Leased ad Umer gar Baldia 30 1501 Road 29.99848 73.25499 Commercia Owned/ Rented/ Muhamm 100 1 No No Good Store 7 0 Bahawalna 965 052 Managed Leased ad Ajmal aar Miscellane ous Market Muhamm 29.99992 30 73.25317 Eid Gah Commercia Owned/ Rented/ 2013 163 1 No Good ad No store 8 451 831 Managed Road Leased Hafeez Bahawalna gar **Bypass** Minchanab Store 30 2801 30.00762 73.27132 Owned/ Rented/ Muhamm Commercia ad Road 15999 1 No No Good and Wait 9 643 941 Managed Leased ad Igbal Bahawalna Machine gar Minchanab ad Road 31 1900 30.00631 73.26617 Commercia Owned/ Rented/ Irshad Sweet 168 1 No No Good 549 0 Bahawalna 838 Managed Leased Ahmad Shop gar 73.26115 31 30.00131 Quaid-e-Commercia Owned/ Rented/ Jamal Sweet 48 6003 1 No No Good 1 Milat Road 506 963 Managed Leased Din Shop

					Integrat	ed Develop	ment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	e Bahawalna	agar					
Forr	n: 1P-A17						Asset	Shop Condition A	ssessment			A	sset Code: Dat	re: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
31 2	5010	Quaid-e- Milat Road Bahawalna gar	30.00162 288	73.26099 62	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Magsood	Sweets shop
31 3	6002	Quaid-e- Milat Road Bahawalna gar	30.00131 506	73.26115 963	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Jamal Din	Sweets shop
31 4	1600 3	Thana City Road Bahawalna gar	30.00006 815	73.25692 533	162	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Khawaja Afzal Ahmad	Tea Stall
31 5	3017	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00352 417	73.25977 58	300	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Usman	Tea stall
31 6	1101 5	Khan Baba Road Bahawalna gar	29.99386 623	73.25386 564	100	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ismail	Tea Stall
31 7	5008	Quaid-e- Milat Road	30.00221 304	73.26067 535	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Rafique	Tea stall

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** No of Litigation SR Shop **Property** Longitud Area Ownershi Current Conditio Tenant Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Eid Gah Road 73.25980 Gulam 31 1800 30.00273 Commercia Owned/ Rented/ Tobacco 32 1 No No Good 209 8 6 Bahawalna 426 Managed Leased Rasool Shop gar Municipal Shopping Gulzar Center 31 29.99997 1200 73.25660 Commercia Owned/ Rented/ Travel 200 Thana 1 No No Good Ahmad 9 354 475 Managed Leased agency Sadar Road Nagi Bahawalna gar Shops Mulhiq Bagh Ali Muhamm Travels Hospital 32 1701 30.00015 73.25715 Rented/ Commercia Owned/ 140 1 No No Good ad and Thana 196 631 Managed Leased Magsood Tours Sadar Bahawalna gar Shops Mulhiq Travels 32 1701 30.00012 73.25713 Bagh Ali Commercia Owned/ Rented/ Israr 140 1 No No Good and 1 Hospital 462 015 Managed Leased Ahmad Tours Thana Sadar

					Integrat	ed Develop	oment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	ee Bahawalna	agar					
Forr	m: MP-A17						Asset	Shop Condition A	ssessment			P	Asset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
		Bahawalna gar												
32 2	3021	Dilshad Market Quaid-e- Milat Road Bahawalna gar	30.00351 696	73.25973 465	264	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Qasim Muhamm ad Ali (Dawn Autos)	Tyre and Battery Service
32 3	6006	Quaid-e- Milat Road Bahawalna gar	30.00150 535	73.26108 873	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Latif	Tyre and Battery Service
32 4	2800 7	Bypass Minchanab ad Road Bahawalna gar	30.00986 293	73.27060 074	15999	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Naseem Akhter	Tyre Shop
32 5	5009	Quaid-e- Milat Road Bahawalna gar	30.00176 095	73.26100 458	19040	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Saleem	Tyre shop
32 6	5018	Quaid-e- Milat Road Bahawalna gar	30.00181 773	73.26104 681	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ayyub Khan	Tyre shop
32 7	5021	Quaid-e- Milat Road	30.00197 269	73.26091 852	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Sajid Aziz	Tyre Shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop **Property** Longitud Area No of Ownershi Current Conditio **Tenant** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Bahawalna gar Quaid-e-73.26091 32 Milat Road 30.00206 Commercia Owned/ Rented/ Muhamm Tyre 5022 64 1 No No Good 898 8 Bahawalna 163 Managed Leased ad Jamil shop gar Minchanab Utility 32 1903 ad Road 30.00700 73.27131 Commercia Owned/ Rented/ Manzoor store 168 1 No No Good 9 Bahawalna 133 101 Managed Leased Ahmad warehou aar se Miscellane ous Market 29.99973 33 Eid Gah 73.25287 Abdul Vegetabl Commercia Owned/ Rented/ 2007 130 1 No No Good 0 371 103 Managed Road Leased Ghafar e Shop Bahawalna aar Miscellane ous Market 33 Eid Gah 29.99973 73.25287 Commercia Owned/ Rented/ Habib Vegetabl 2009 163 1 No No Good 1 Road 371 103 Managed Leased Ahmad e Shop Bahawalna gar Eid Gah 33 30.00281 1800 Road 73.25977 Commercia Owned/ Rented/ Muhamm Vegetabl 32 1 No Good No 2 Bahawalna 369 909 Managed ad Yasin e Shop Leased gar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist Status n Name **Status Status** Eid Gah 33 30.00272 1800 Road 73.25957 Commercia Owned/ Rented/ Vegetabl 32 **Ashraf** 1 No No Good 3 324 8 Bahawalna 087 Managed Leased e shop gar Eid Gah 33 1800 Road 30.00274 73.25954 Commercia Owned/ Rented/ Muhamm Vegetabl 32 No Good 1 No 9 915 988 4 Bahawalna Managed Leased ad Kashif e Shop gar Municipal Shopping Center Veterinar 1202 33 29.99971 73.25607 Commercia Owned/ Rented/ Muhamm 200 1 y Medical Good Thana No No 5 122 458 Managed Leased ad Tufail Sadar Road Store Bahawalna gar Baldia 33 1502 Road 29.99876 73.25485 Commercia Owned/ Rented/ Muhamm Warehou 100 1 No No Good 6 Bahawalna 322 688 Managed Leased ad Shafiq se gar Baldia 1501 33 Road 29.99848 73.25499 Commercia Owned/ Rented/ warehou 100 1 No No Good Attaullah 7 5 977 Bahawalna 081 Managed Leased se gar Baldia Sajjad 33 1503 Road 29.99874 73.25499 Owned/ Rented/ Weapons Commercia 200 1 No No Good Ahmad 8 Bahawalna 471 775 Managed 1 Leased Dealer Shakir aar

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar **Asset Code:** Form: Shop Date: 02-05-IDAMP-A17 **Asset Condition Assessment** 2023 **Property** Encroach **Busines** Litigation SR Shop Longitud Area No of Ownershi Current Conditio **Tenant Property** Latitude Location ment S Code Address (Saft) **Stories** p Status Exist **Status** n Name **Status Status** Minchanab 33 30.00730 1901 ad Road 73.26763 Commercia Owned/ Rented/ Rana 168 1 No No Good Welding 9 299 Bahawalna 691 Managed Leased Tarig 0 gar Minchanab 34 1901 ad Road 30.00747 73.26776 Commercia Owned/ Rented/ Muhamm 168 No Good Welding 1 No 365 596 0 2 Bahawalna Managed Leased ad Yasin gar Nilam Cinema Azhar Chowk 2500 29.99931 34 73.26222 Commercia Owned/ Rented/ 64 1 Good Mehmoo Muslim No No Welding 294 1 5 411 Managed Leased d Colony Bahawalna gar Quaid-e-73.25924 34 3001 Milat Road 30.00422 Commercia Owned/ Rented/ Muhamm Woodwor 816 1 No No Good 798 Bahawalna 848 Managed Leased ad Yaar ks gar Quaid-e-Shah 30.00416 34 3001 Milat Road 73.25925 Commercia Owned/ Rented/ Woodwor 201 1 No No Good Muhamm 3 786 ks Bahawalna 721 Managed Leased ad gar Minchanab 34 1903 ad Road 30.00825 73.26866 Owned/ Rented/ Muhamm Wook Commercia 168 1 No No Good Bahawalna 027 559 Managed ad Zafar 4 1 Leased works aar

					Integrat	ed Develop	ment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	ee Bahawaln	agar					
Forr	n: //P-A17						Asset	Shop Condition A	ssessment			A	Asset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
34 5	1903 2	Minchanab ad Road Bahawalna gar	30.00839 255	73.26908 281	168	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Zafar	wook works
34 6	2801	Bypass Minchanab ad Road Bahawalna gar	30.00818 96	73.27135 06	15999	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Asmat Ara	Work shop
34 7	6010	Quaid-e- Milat Road Bahawalna gar	30.00247 233	73.26036 991	48	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamm ad Ashraf	Worksho p
34 8	9002	Baldia Road Bahawalna gar	29.99772 854	73.25551 7	200	1	Commercia I	Owned/ Managed	No	No	Rented/ Leased	Good	Dr. Maqsod Ahmad Baloch	Freshly,c ylinder gass,jazz franchise
	erage core		1			2			3			4		5
	sset ndition		Excellent			Good			Fair		Р	oor	Fa	iling
Cat	tegory		А			В			С			D		E

					Integr	ated Develop	oment and Ass	et Managem	ent Plan (IDA	MP)				
						Munic	ipal Committe	ee Bahawalna	agar					
For	m: MP-A17						Asset	Shop Condition A	ssessment			А	sset Code: Dat	e: 02-05- 2023
SR ·	Shop Code	Property Address	Latitude	Longitud e	Area (Sqft)	No of Stories	Property Location Status	Ownershi p Status	Encroach ment Status	Litigation Exist	Current Status	Conditio n	Tenant Name	Busines s
	Ĺ	Pata Collected	By: Mr. Abdu	ıllah			Designat	tion: Team M	ember		J	fulsh Sign & Date: .	30 May 202	3
		Data Checked	l By: Mr. M. F	iaz			Design	ation: Team I	Lead		<i>∧</i>	Sign & Date:	30 May 202	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

	l m di		Davida		- L d	A	4 Managar	ant Din (IDAMD)
	inte	egrated		<u> </u>				nent Plan (IDAMP)
Forn	า:		Mun	Сіра	Bus S		e Bahawalr	Asset C
IDAMP-			Asse	et Co			essment	Dat
Name					Bus Sta			Pictures
	Latitud	le	2	29.98	33809			
Location	Longitu	ıde	7	73.22	20986			
Address			Mou	ıza R	abnaw	az		
			pura,		awalna	agar		1
Year of Co	nstructi	on		20	13			The state of the s
Last Major	Renova	tion	N	ot Av	/ailable	9		
Area (Acre	es)			1	.6			
Ownership			D	istric	t Govt	•	250 141	Bahāwalnagar, Punjab, Pakista
Class			Α	В	С	D		که X6PC+MH3, وهشیان روهٔ , Bahāwalnagar, Ba Pakistan
Designed	Buses		N	ot Av	/ailable	9	Google	Lat 29.984844° Long 73.221014° 03/05/23 11:29 AM GMT +05:00
Capacity of	Coast	ers	N	ot Av	/ailable	9		
Vehicles	Wagor	ıs	N	ot Av	ailable	9		
Daily parking of	Buses			20	50			I, elum I, est
vehicles (based on	Coast	ers		2	:5			GIS
informati	Wagor	ns		4	5			天下一个
on provided by MC)	Rickst	naws		5	0			Bahāwalnagar, Punjab, Pakista X6M9+M67, Bahāwalnagar, Bahawaln Lat 29.984667°
Distance f	rom the	urban		4	km		Google	Long 73.220911° 03/05/23 11:29 AM GMT +05:00
C!1	At Ent	try	Ye	S	N	0		
Security	At Exi	t	Ye	S	N	0		
Cata	At Ent	try	Ye	S	N	0		A THE STATE OF THE
Gate	At Exi	t	Ye	S	N	0		
Waiting	Men		Ye	S	N	0	TIL	
Area	Famili	es	Ye	S	N	0		I
Washroo	Male		Ye	S	N	0		Bahāwalnagar, Punjab, Pakista
m	Femal	e	Ye	S	N	0		X6M9+MG7, Bahāwalnagar, Bahawaln Lat 29.984499°
Prayer	Male		Ye	S	N	0	Google	Long 73.220966° 03/05/23 11:28 AM GMT +05:00
Room	Femal	e	Ye	S	N	0	300910	T
Administra	ation Of	fice	Ye	S	N	0		
	Rick	shaw	Ye	S	N	0		



Asset Code:

Date: 02-05-2023





	Inte	grated	Dev	elopmer	nt and As	sset M	anagemer	nt Plan (IDAMP)	
			М	unicipal			hawalnag		
Form:					Bus Sta			Asset (
IDAMP-A12	2		A	sset Co	ndition A	ssess	ment	Dat	te: 02-05-2023
Parking Stand	Cars			Yes	No		1		
Fuel Outlets				Yes	No		Name of Street, or other Designation of the Street, or other Desig		
Reception Des	k			Yes	No		NAME OF THE PARTY		
Ticketing Syst	tem			Yes	No		The state of the s		16
Tuck Shop				Yes	No			-	
Workshop				Yes	No			Sahāwalnagar, Punjab, Pakist	
Ablution Area				Yes	No			K6M9+MG7, Bahāwalnagar, Bahawa Lat 29.984314°	Ilnagar, Punjab, Pakistan
Pedestrian				Yes	No			ong 73.2205° 03/05/23 11:26 AM GMT +05:00	
Green Spaces				Yes	No				
Water Arrangement	Di	rinking		Yes	No				
Water Arrangement	rrangement				No				
Boarding Shed	parding Shed				No				
Workshops	orkshops				No				
Lighting	ghting				No				
Boundary Wall					No				
	ype			Tuff	Tiles				
Pavement Co	ondit	ion	Go	od Fa	air Poo				
	,				Overall	Ratin	g		
Average Score		1			2		3	4	5
Asset Condition	E	xcellen	t	G	ood	Ī	Fair	Poor	Failing
Category		Α			В		С	D	E
				Ren	narks / R	equire	ments		
No remark	ks			1					
Data Collect Abdullah	ted	Ву:	Mr.	Desigr	nation: Te	eam Me	ember	Sign & Date: 30) May 2023
Data Checked I	By: M	1r. M. Fi	az	Desigr	nation: Te	eam Le	ad	May Sign & Date: 30	May 2023

Slaughterhouse

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

		ntegrated Dev	elopment	an	d As	set Man	agemei	nt Plan (IDAMP)
		M	lunicipal (awalnaq	jar
Form:			Slaug				Asset Co	
IDAMP-A	15	As	set Condi				nt	Date
Name			Slaud	_				Pictures
Locatio	Lati	tude	29	9.99	9352	23		
n	Lon	gitude	73	3.24	1541	.2		
			Mouza			-		
Address					Road	•		
Year of Co	netri	ection			alna ⁄aila	•		
Total Area			NO		7 a i i a i	DIE		
	•	(5)					AW.	D. S. A. L. S. C.
Ownership	1				IC			
Slaughte r	Lar	ger Animals		5	0			Bahāwalnagar, Punjab, Pa
Capacity		aller		8	0			Pakistan Lat 29.993506° Long 73.240903°
(Per Day)	An	imals					300	gle 30/04/23 06:12 AM GMT +05:00
Superviso	r		Yes			No		
Doctor's F	Room		Yes			No	Name of Street	
Inhabitati	on Fa	cility	Yes			No		Was and
Slaughteri	ing H	all	Yes			No		
Eviscerati	on Ha	all	Yes			No		
Meat Cutt	ing R	oom	Yes			No		Bahāwalnagar, Punjab, Pa
Blood		Collection	Yes			No		X6VR+JFP, Madina Town Bahāwalnag Pakistan Lat 29.993584°
Arrangem								Lat 29.9935544 Long 73.241138° 30/04/23 06:10 AM GMT +05:00
Skin Stora	-		Yes			No		
-		ant System	Yes			No		
		iene SOPs	Yes			No	2	
Refrigerat System	ion	/ Storage	Yes			No	+	
	Facil	ity for Sick	Yes			No		
Water Sup	ply S	ystem	Yes			No		Bahāwalnagar, Punjab, Pa X6VR+JFP, Madina Town Bahāwalnag Pakistan
Drainage 8	& Disp	osal Facility	Yes			No	300	Lat 29.993488* Long 73.240951* 30/04/23 06:12 AM GMT +05:00
Solid W Facility	Solid Waste Collection		Yes		No			30000123 05-12 AM GMT +05-00
Boundary	Wall	& Gate	Yes			No		
Approach	Road	Condition	Good	Fä	air	Poor		



Asset Code:

Date: 02-05-2023

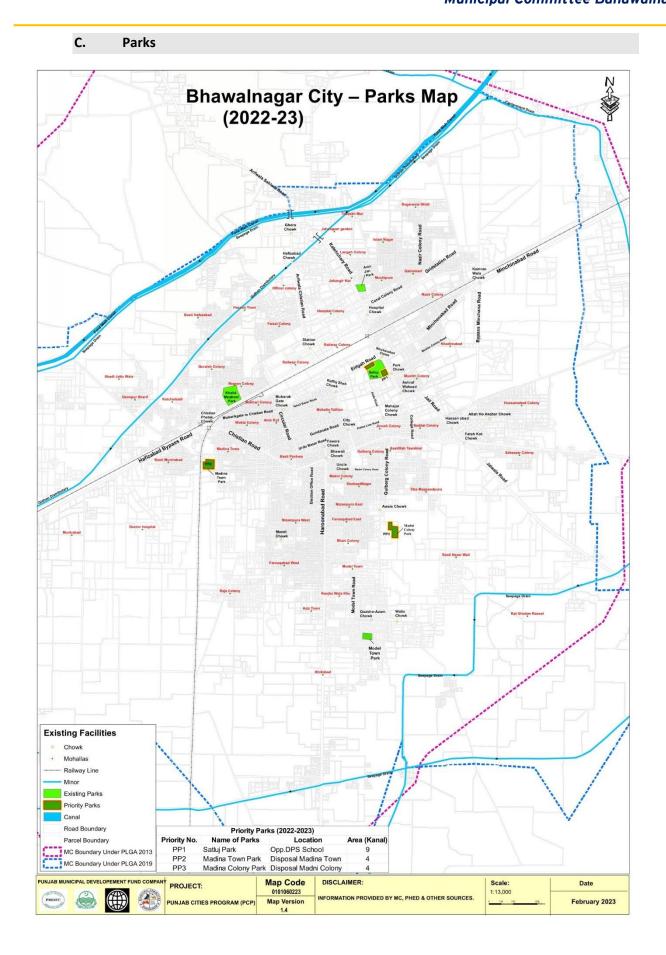




Civil Structure (Condition	Good	Fair	Poor							
Overall Rating											
Average Score	1	2		3		4	5				
Asset Condition	Excellent	Go	Good		Good			Poor	Failing		
Category	Α	1	В С		D	E					
		Rem	arks / R	equiremen	nts						

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		



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

In	tegrated	d Developi	ment a	nd Asset N	Management Plan (IDAMP)		
		Munic	ipal Co	mmittee B	3ahawalnagar		
Form: IDAMP-A10		Assat (ark on Assess	Asset Code:		
Name		S	atluj Pa	ark	Pictures		
Latitu	3	0.0009	04				
Location Longit	ude	7.	3.2602	48			
Area In Acres			9.5				
Ownership-Owned	by MC						
or possession al	located				TOS No. COM		
to MC by any	other		MC		Bahāwalnagar, Punjab, Pakistan 2728-4750, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan		
department	. 6.1.3				Lat 30.001036° Long 73.260235° D0.0012/2016/10 AM GMT +05:00		
(documents availa	able)	01	F . 1 .	D	300gle 103(03)23 (0.10 AM 9/11 + 03/00		
Turfing Condition		Good	Fair	Poor			
Approach Road		Good	Fair	Poor			
Parking Lots		Yes		No			
Canteen Availabil		Yes		No			
Average number	of daily				GPS Map Camera		
visitors (based on	the	1	500-20	00	Bahāwainagar, Punjab, Pakistan 2726+790, Bahāwainagar, Bahawainagar, Punjab, Pakistan		
assessment of MC					Last 80000904° Lost 32,00248° Cogole Cogo 12,005/23 10:10 AM GMT +05:00		
Any illegal occup					20090		
encroachments		No					
observed-if yes, t	уре				The state of the s		
Security system		Yes		No			
	atering 8	& Irrigatio					
Tube Well	£	N 4	Yes	No			
Water Supply System	from	Municipal	Yes	No	Bahāwalnagar, Punjab, Pakistan 2728-750, Bahāwalnagar, Bahawalnagar, Punjab, Pakistan		
Water Tank			Yes	No	Lat 30.0010B2° Long 73.25998°		
Pumping Unit			Yes	No	03/05/23 10:08 AM GMT +05:00		
Distribution Pipe L	ines		Yes	No			
Valves			Yes	No			
Sprinkler System			Yes	No			
Ground wat	er	storage	Yes	No			
reservoirs/ponds		0.51 1					
	scaping	& Planta		NI.	Bahāwalnagar, Punjab, Pakistan		
Grass Beds Flower Beds			Yes No		2725-MVO Satul Park Behaveinagar, Bahäwalnagar, Bahawalnagar, Punjab, Pakistan Punjab, Pakistan La 30,00770°		
Hedges			Yes	No	200gle Long 73.289787* 03(06/23 10:13 AM GMT +06:00		
Plants			Yes	No			

	eadily available		50-	ŀ			\		
information at MC	·				-		J. Albert	E W	
Tatal Normalian	Lights		25 2	16	_				
Total Number			25-2		_	A.		Made	
Poles		Yes		No	_			The state of the s	
Cables		Yes		No	_			24.	
Brackets And Lig	hts	Yes		No	_	-	36.31	ICPS Map Camera	
Bulbs And Tubes		Yes		No	_		Bahāwalnagar, Punjab, Pakisti 2775-16/0, Pakisj Duri Bahawalnaya, Rul- Bahawalnagar, Punjab, Pakistan La 30/4/18/25*	in Sadiagu	
Control Units		Yes	,	No	_	Google	Long 73,250087 nayasida so: a AN DMT +05:00		
	Structures				_				
No. of Toilets	Gents		2		_				
1101 01 1011015	Ladies		2		_				
	Gents	Goo	Fair	Poo					
Condition of		d		r	_				
Toilets	Ladies	Goo d	Fai	r Poo					
Buildings		Yes		No					
Fountains & Wate	r Fall Structure	Yes		No					
Walkways		Yes		No					
Jogging tracks		Yes		No					
Ramps at entry	gates for wheel	Yes		No	-				
chairs		res		NO					
Bridges & Culvert	:S	Yes		No					
Play Area		Yes		No	-				
Gazebos		Yes	,	No	-				
Benches/ sitting a	arrangements	Yes	;	No	-				
	Boundary Wall & Gate			No					
Toilets			;	No	-				
Lakes & Brooks		Yes		No					
Me	chanical Equipme	nt							
Pumping Units		Yes	;	No	-				
Swings		Yes	;	No	-				
Children Games		Yes	;	No	-				
Fixtures		Yes	;	No	-				
Benches		Yes	;	No	-				
Sani	tation & Water Su	pply			-				
Litter Bins		Yes	,	No					
Condition of SWM		Goo d	Fai	r Poo					
Toilet Fixtures		Yes		No					
Sewerage System	1	Yes		No					
Vegetation Cuttin		Yes		No					
	availability and								
quality	•	Not	۸,,,	ilable					
	ability of water	NOU	AVd	nable					
quality test repor	ts)								
Water Pipes		Yes		No					
	HR								
Security Guards		Yes		No					
Landscape Expert	Yes		No						
Mali / Beldaar (Nu	Mali / Beldaar (Number) 3								
Overall Rating									
Average Score	1	2			3		4		5

Municipal Committee Bahawalnagar

Asset	Excellent	Good	Fair	Poor	Failing							
Condition	Condition											
Category	Α	В С		D	E							
Remarks / Requirements												
No remarks												
Data Collect Abdullah	ed By: Mr.	Designation: Te	eam Member	Julsh Sign & Date: 30 May 2023								
Data Checked E	By: Mr. M. Fiaz	Designation: Te	eam Lead	Sign & Date: 30 May 2023								

	lr	ntegrated	d Develop	ment and	d Asset I	Manag	ement Plan (IDAMP)
			Munic	ipal Com	mittee B	Bahawa	alnagar
Form			Assot	Paı Conditioı	Asset C		
Name	A10			nir Jan P	Pictures		
	I						1 10041 00
Location	Latitu			0.00905		_	
	Longi	tude	7	3.25853	1		
Area In Ad	cres			4.5			
Ownership		•					
or posses to MC i department (document	oy any nt	y other		МС			
Turfing Co			Good	Fair	Poor		建筑。据现在是建
		1					
Approach			Good	Fair	Poor		Bahāwalnagar, Punjab, Pakistar
Parking Lo	ots		Yes		No		Water filter plant, near Canal Colony School Bahawalnegar, Punjab, Pekistan Lat 30.009086"
Canteen A	vailabi	lity	Yes		No		200gle 03/05/23 10:43 AM GMT +06:00
Average n	umber	of daily		000 100	•		
(based	on	the	T	000-120	O		
assessme	nt of M	C staff)					
Any illega	-	pants or					
encroach		4		No			
observed-			Vaa			Bahāwalnagar, Punjab, Pakistar Water filter plant, near Canal Colony School	
Security s	•		Yes	-	Bahawalnagar, Punjab, Pakistan Lat 30.009056° Long 73.258531°		
Tube Well	W	atering a	& Irrigatio	n Yes	No		03/05/23 10:43 AM GMT +05:00
	upply	from	Municipal		NO		
System	арріу	11 0111	Marincipar	Yes	No		
Water Tan	k			Yes	No		
Pumping L	Jnit			Yes	No		
Distributio	n Pipe	Lines		Yes	No		
Valves				Yes	No		Bahāwalnagar, Punjab, Pakistar
Sprinkler S				Yes	No		Water filter plans, near Canal Colony School Bahawainagar, Punjab, Pakistan Lat 30,00937°
Ground		iter	storage	Yes	No		Google D3,05/23 10:44 AM GMT +06:00
reservoirs	•		& Planta				
Grass Bed		uscaping	& Pidiita	Yes	No	_	
Flower Be				Yes	No		
Hedges				Yes	No	_	The state of the s
Plants				Yes	No		
Number of	trees	and speci	es		•		
(based information	available	50	-60		Bahāwainagar, Punjab, Pakistar Vater filter plarz, nes Cara Colony School Bahawainagar, Punjab, Pakistan Lat 30,006788 Long 73,258887*		
		Lig	hts				03/05/23 10:45 AM GMT +05:00
Total Num		1	0 Non- tional)				
Poles				Yes	No		
Cables				Yes	No		
Brackets A	and Lig	hts		Yes	No		
Bulbs And	Tubes			Yes	No		



Asset Code:

Date: 02-05-2023







Control Units		Yes		No				
	Structures	<u> </u>						
No. of Toilets	Gents		1					
No. of Tollets	Ladies		2					
Condition of	Gents	Goo	Fair	Poo		TEE		
		d		r	-			
Toilets	Ladies	Goo	Fair	Poo r				
Buildings		Yes		No		The second second	GPS Map Carnera	
Fountains & Wate	er Fall Structur			No		Bahawainagar, Punjab, Pakista 2754-039, Bahiwahaya, Bahawahagar Lat soopolisi	n (, Punjek, Pacisten	
Walkways			Yes No			Google 09/05/28 10:48 AM GHT +08:00		
Jogging tracks			Yes No					
Ramps at entry	gates for w	heel						
chairs	J	Yes		No				
Bridges & Culver	ts	Yes		No				
Play Area		Yes		No				
Gazebos		Yes		No				
Benches/ sitting	arrangements	Yes		No				
Boundary Wall &	Gate	Yes		No				
Toilets		Yes		No				
Lakes & Brooks		Yes		No				
М	echanical Equi	pment						
Pumping Units		Yes		No				
Swings		Yes		No				
Children Games		Yes		No				
Fixtures		Yes		No	1			
Benches		Yes		No				
San	itation & Wate	r Supply						
Litter Bins		Yes		No				
Condition of SWN	М	Goo d	Fair	Poo r				
Toilet Fixtures		Yes		No.				
Sewerage System	m	Yes		No	1			
Vegetation Cutti		Yes		No				
Drinking water				110				
quality	avanasmity							
(based on avai	ilability of w	ater Not	Avail	able				
quality test repo								
Water Pipes	·	Yes		No				
	HR	•						
Security Guards		Yes		No				
Landscape Exper	rts	Yes		No				
Mali / Beldaar (N	umber)		1					
		0	veral	1 Ratii	ng			
Average Score	1	2			3	4	5	
Asset	Excellent	Good			Fair	Poor	Failing	
Condition								
Category	Α	В			С	D	Е	
<u> </u>			s / F	Requir	ements			
No remarks				•				
						A J	.01.	
Data Collected	d By: Mr.		_			by	on	
Abdullah	= ;	Designatio	n: Te	eam M	ember			
· · · · · · · · · · · · · · · · · · ·						U		
						Sign & Date: 30 May 2023		

Data Checked By: Mr. M. Fiaz

Designation: Team Lead

Sign & Date: 30 May 2023

Asset Code:

Date: 02-05-2023

_	lr	ntegrated				Management Plan (IDAMP) Bahawalnagar
Form			Asset (ark on Assess	Asset (ment Dat
Name			Kha	alid Mac	lpool	Pictures
	Latitu	ıde	2	9.9983	43	
Location Longitude			7	3.2432	56	
Area In Ac				7.5		A COMMANDA
departmer	ssion a by any nt	llocated other		МС		Baháwalnagar, Punjab, Pakista
(document		-	0 1	F - 1 -	D	X6WV+QMF, Tehsil Bazaar Rd, Bahāwalnag 62300, Pakistan Lat 29:99754°
Turfing Co		1	Good	Fair	Poor	Doogle 03/05/23 10:67 AM GMT +06:00
Approach			Good	Fair	Poor	
Parking Lo	ots		Yes		No	
Canteen A			Yes		No	
Average number of daily visitors (based on the assessment of MC staff) Any illegal occupants or			8	300-100	00	Bahawalnagar, Punjab, Pakista XXXV-88C Gundah Parr, Bahawalnagar, Ba Palastan Lee 20.008437 Leng 73.42.586*
encroachn observed-		type		No		03/05/23 10:58 AM GMT +05:00
Security s			Yes		No	
<u> </u>	W	atering 8	k Irrigatio	n		
Tube Well				Yes	No	A R
System	upply	from I	Municipal	Yes	No	
Water Tan				Yes	No	Bahāwalnagar, Punjab, Pakista X6XV4-88C Quraish Park, Bahāwalnagar, Ba Pakistan
Pumping U		Lines		Yes	No	Lat 29.998361° Long 79.243236° D3/05/23 10:88 AM GAVT +08:00
Distributio Valves	n Pipe	Lines		Yes Yes	No No	
	System			Yes	No	.ada
Sprinkler System Ground water storaç reservoirs/ponds				torage Yes No		
		dscaping	& Planta			
Grass Beds				Yes	No	
Flower Beds				Yes	No	Bahāwalnagar, Punjab, Pakista X6XV+88C Quraish Park Entertainment, Qu
Hedges Plants				Yes Yes	No No	Bahawalnegar, Punjab, Pekistan Lat 29.998986° Long 73.243087°
Number of	on r	eadily	es available		0-60	29996 3300073 1089 AM GMT +06-00











	Lights							
Total Number			1	0-12	2			
Poles			Yes		No		4	
Cables			Yes		No			The Latest Transfer of
Brackets And Lic	ghts		Yes		No		PAR SAV	
Bulbs And Tubes	;		Yes		No	安地市	Bahāwalnagar, Punjab, Pakist	GPS Map Camera
Control Units			Yes		No		X6XV+88C Quraish Park Entertainment, (Bahawalnagar, Punjab, Pakistan	Quraish Park, Bahāwalnagar,
	Structures	5				Google	Lat 29.999187* Long 73.24299* 03/05/23 11:01 AM GMT +05:00	
No of Toilete	Gents					200	5502-XIS	
No. of Toilets	Ladies		0					
Condition of	f Gents			-				
Toilets	Ladies			-				
Buildings			Yes		No			
Fountains & Wat	er Fall Structur	e	Yes		No			
Walkways			Yes		No			
Jogging tracks			Yes		No			
Ramps at entry	gates for wl	neel			NI.			
chairs	•		Yes		No			
Bridges & Culver	ts		Yes		No			
Play Area			Yes		No			
Gazebos			Yes		No			
Benches/ sitting	arrangements		Yes		No			
Boundary Wall &			Yes		No			
Toilets			Yes		No			
Lakes & Brooks			Yes		No			
М	echanical Equi	pmen	t	•				
Pumping Units	,		Yes		No			
Swings			Yes		No			
Children Games			Yes		No			
Fixtures			Yes		No			
Benches			Yes		No			
San	itation & Wate	r Sup	ply	ı				
Litter Bins		ĺ	Yes		No			
Condition of SWI	М		Goo		Poo			
			d	Fair	r			
Toilet Fixtures			Yes		No			
Sewerage Syster	m		Yes		No			
Vegetation Cutti	ngs & Disposal		Yes		No			
Drinking water	availability	and						
quality	-		Not A	۱۰۰۵:۱	abla			
(based on ava	ilability of wa	ater	NOL F	\vaii	able			
quality test repo	rts)							
Water Pipes			Yes		No			
	HR							
Security Guards			Yes		No			
Landscape Expe			Yes		No			
Mali / Beldaar (N	lumber)			1				
				eral	1 Ratii			
Average Score	1		2			3	4	5
Asset	Excellent		Good			Fair	Poor	Failing
Condition								
Category	Α		В			С	D	Е
23.00011		R		s / F	Requir	ements	_	
No remarks		140		- / 1				
- 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	Mushry Sign & Date: 30 May 2023

Office Vehicles

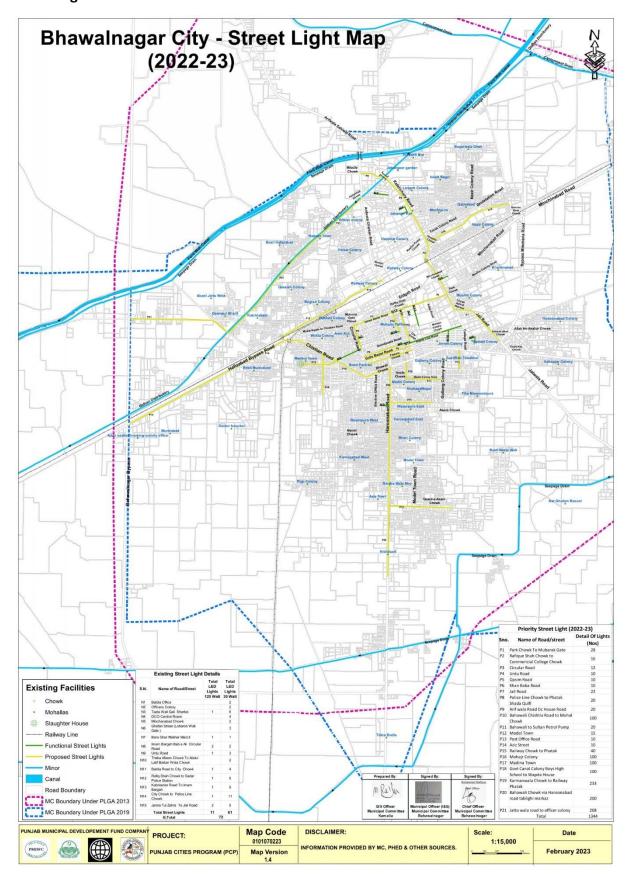
Sr #	Name	Registration Number	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Suzuki	BNA 8059	33	Fair	1000 CC	Functional	0.2
2	Suzuki	BNF 4	20	Failing	1000 CC	Abandoned	0.1
3	Suzuki	BNE 16	24	Poor	1000 CC	Non- Functional	0.1
4	Yamaha (Out of order)	Bike# 6646	33	Poor	100 CC	Non- Functional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

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

Fitness Certificate	No		No		No	No	
Registered	BNA 8059		BNF 4	E	3NE 16	BNE 262	
Overall Rating	Fair		Failing		Poor	Fair	
		Rema	arks / Requiremen	ts			
No remarks							
Data Collected Abdullah	By: Mr.	Design	ation: Team Membo	er	J	mfdh 30 May 2023	
Data Checked By: M	a Checked By: Mr. M. Fiaz Designation: Team Lead Sign & Date: 30 Mi			pylar			

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Bahawalnagar							
Form: IDAMP-A16	A	Moveable Asset Asset Code: Asset Condition Assessment Date: 02-05-2					
Type of Vehicle / Machinery	Pictures						
Bike-Yamaha							
Capacity	100 CC						
Purpose		Staff					
Year of		1000					
Manufacturing	1990						
Model	YB-100						
Capital Cost							
Fuel Consumption	Non-Eurotional						
(Lt)	Non-Functional						
Condition	Poor						
Engine Capacity		100 CC					
Maintenance Cost	Not Available						
Oiling /Fitness	No						
Fitness		N.a.					
Certificate	No						
Registered	Bike# 6646						
Overall Rating	Poor						
Remarks / Requirements							
No remarks							
Data Collected Abdullah	By: Mr.	Designation: Team Member	Julih Sign & Date: 30 May 2023				
Data Checked By: M	1r. M. Fiaz	Designation: Team Lead	Mushy 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

ı	Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Bahawalnagar										
Form:		reet Lights		Code:						
IDAMP-A9	Asset Cor	ndition Assessment	Da	ate: 02-05-2023						
Pictures										
				Poles Type						

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

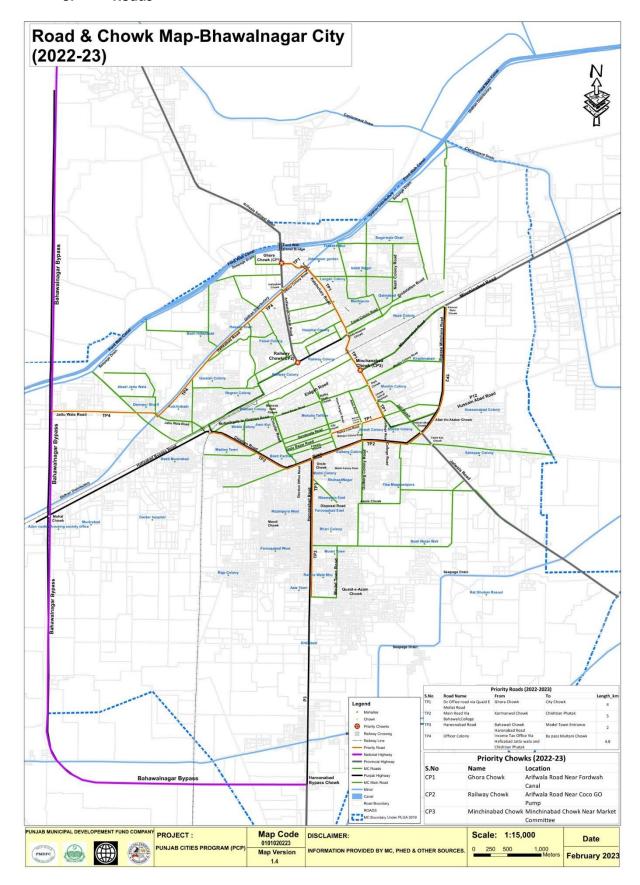
Municipal Committee Bahawalnagar

Circular Road 2	15 Not Available Not Available							
Madni Colony	14 Not Available Not Ava							
Rafeeq Shah Chowk	24	Not Available Not Availab						
Model Town	5	Not Available	Not Available					
	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	thy					

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	Qua	ntity	Daily Operational	
Ециірінені туре	Wattage of Lightning Fixture	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)										
Form: Road Asset Code: IDAMP-A8 Asset Condition Assessment Date: 02-05-202: Pictures											
Sr. No.	Road Name	Ownershi p	TST, Asphalt Or Concret e Pavers	Row (Ft)	Paved Width (Ft)	Approx. Length (Km)	Condition				
1	City School Chowk to Thana Ci via Imam Bargah	ty MC	TST			0.45	Poor				
2	Jamia Masjid Nadir Shah Baz via Mubark Gate	ar MC	TST			0.55	Poor				
3	Circular Road to Bukhara Hot Chowk via Theka Afeon	al MC	TST			0.45	Poor				

	Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Bahawalnagar								
Form: Road Asset Coo								2-05-2023	
4	Imam Bai	rgah Aftab Manzil To nd Gali Peer Gee		TST			0.22	Poor	
5		07 Mosmiat to 22 Ft Mosimat office	МС	TST			0.76	Poor	
6	Waheed Degree C Watto Cho	ollege Madni Colony	МС	TST			0.98	Poor	
7	Mohal Ch	olony Gali No. 14 to nowk Degree College badi Tiba Maqsod pura	МС	TST			0.64	Poor	
8		ate Chwok to Chishtian Takia Mohsin Shah	МС	TST			0.51	Poor	
9		et AC office Chowk to slam Nagar	МС	TST			0.64	Poor	
10	Masjid Eh Wali Chak	lahadis Chowk to Naik i	МС	TST			0.22	Poor	
11	1	igh School Chowk To i Gali via WAPDA scarp	МС	TST			0.58	Poor	
12	Graveyard Quresh Colony to Nehr Officer Colony with roads faisal colony			TST			0.27	Poor	
13		ad Modal Town Dr to Rao Munawr Block Y . 132	МС	TST			0.26	Poor	
14		Ali Ahmad Mahar to nman House	МС	TST			0.11	Poor	
15		Chishti House No. 172 se House No. 166	МС	TST			0.11	Poor	
16	House As Sarfraz Ch	sim Khan to House ohan	МС	TST			0.15	Poor	
17	Degree Co	llege main road	МС	TST			0.30	Poor	
18	Link road r rajey wali	millat rice factory to kat	МС	TST			0.40	Poor	
19	Disposal ro Chishtian House	oad Madina Town from Road to Slaughter	МС	TST			0.30	Poor	
20		Road to Khalid Cloth nda Nala Road	МС	TST			0.35	Poor	
21		on office street behind ying Coach to Street u		TST			0.80	Poor	
22		k Minchinabad Road to est House, Tower Road	МС	TST			0.40	Poor	
23		d Aslam Shah to Ara Street Fasisal Colony	МС	TST			0.50	Poor	

Form: IDAMP-A8 Asset Condition Assessment Date: 02-05-2023		Integrated Development and Asset Management Plan (IDAMP)								
DAMP-A8		Form:	Municipal		ee Bahawa	alnagar	As	set Code:		
Company Comp		AMP-A8			essment					
25 Allah Dad Road to House Yousaf Abassi 26 Khadim Abad Road Shamoon House to House Hafiz Vaseen Haji Aslam street to house shabrati behind Masjid Khadim Abad 27 Shama Shamad Road Disposal Road to Street Ishaq Bhatti 28 Haroon Abad Road Disposal Road to Street Ishaq Bhatti 29 Street Malik Liaqat Shahzad Nagar Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town Muslim colony road in front of Jali to Chowk Hussain Abad 31 Loharan Wala Chowk to College Road Sadat Colony 32 Street Sajid Mehmood Sadat Colony 33 Colony 34 Degree College Road to House Amjid Pirzada Sadat Colony 35 Loharan Wala Chowk to Masjid Zia ur Rehman 36 Street Khalil Patwari Sadat Colony 37 Street Mustafa Gill Sadat Colony 38 Street Mustafa Gill Sadat Colony 39 Mandi Hussain Abad Road 40 KC TST 41 D.20 Poor 41 Urdu Road to Attiq Medical Store Tehsil Bazar to Degree College Road to Tagar House Gullege Colony 40 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal 41 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal 42 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal	24	-	, , , , , , , , , , , , , , , , , , ,	МС	TST			1.00	Poor	
House to House Hafiz Yaseen Haji Aslam street to house shabrati behind Masjid Khadim Abad Raroon Abad Road Disposal Road to Street Ishaq Bhatti house Sahbrati behind Masjid Khadim Abad Raroon Abad Road Disposal Road to Street Ishaq Bhatti house Seith Khalid Islagat Shahzad Nagar Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town Muslim colony road in front of Jail to Chowk Hussain Abad Loharan Wala Chowk to College Road Sadat Colony Street Sajid Mehmood Sadat Colony Street Sajid Mehmood Sadat Colony MC TST 0.30 Poor MC TST 0.20 Poor TST 0.30 Poor MC TST 0.20 Poor TST 0.30 Poor TST 0.20 Poor TST 0.30 Poor TST 0.30 Poor TST 0.20 Poor TST 0.30 Poor	25	Allah Dad		МС	TST			0.20	Poor	
27 shabrati behind Masjid Khadim Abad 28 Haroon Abad Road Disposal Road to Street Ishaq Bhatti 29 Street Malik Liaqat Shahzad Nagar 30 Bashir Contractor Z-Block Model Town 31 Jail to Chowk Hussain Abad Road Sadat Colony 32 Loharan Wala Chowk to College Road Sadat Colony 33 Street Sajid Mehmood Sadat Colony 40 Loharan Wala Chowk to Masjid Zia ur Rehman 36 Street Khalil Patwari Sadat Colony 37 Street Mustafa Gill Sadat Colony 38 Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera 39 Mandi Hussain Abad MC TST O.30 Poor 40 Street Sh. Jamil Mohajir Colony 40 Degree College Road to Tagar House Gulberg Road to Tagar House Gulberg Road to Tagar House Gulberg Colony 40 Degree College Road to Tagar House Gulberg Road to Tagar House Gulberg Colony 41 Degree College Road to Tagar House Gulberg Colony 42 Degree College Road to Tagar House Gulberg Colony 43 Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera 44 Gala Mandi Park to link Chishtian Road 45 Mandi Park to link Chishtian Road 46 Gala Mandi Eastern Gate towards House Seith Khalid Idpal	26			МС	TST			0.30	Poor	
to Street Ishaq Bhatti 29 Street Malik Liaqat Shahzad Nagar MC TST 0.30 Poor Masjid Anwar e Madina to House Bashir Contractor Z-Block Model Town 31 Muslim colony road in front of Jail to Chowk Hussain Abad 32 Loharan Wala Chowk to College Road Sadat Colony 33 Street Sajid Mehmood Sadat Colony 34 Amjid Pirzada Sadat Colony 35 Loharan Wala Chowk to Masjid Zia ur Rehman 36 Street Khalil Patwari Sadat Colony 37 Street Mustafa Gill Sadat Colony 38 Street Muslim add Chowk to Masjid Zia ur Rehman 39 Poor 39 Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera 40 Street Sh. Jamil Mohajir Colony 40 Street Sh. Jamil Mohajir Colony 41 Tehsil Bazar 42 Degree College Road to Tagar House Gulberg Colony Quresh Colony Poor MC TST 0.30 Poor MC TST 0.20 Poor MC TST 0.20 Poor TST 0.30 Poor TST 0.30 Poor TST 0.30 Poor	27	shabrati k		МС	TST			0.30	Poor	
Magar	28		·	МС	TST			0.55	Poor	
30 Bashir Contractor Z-Block Model Town 31 Muslim colony road in front of Jail to Chowk Hussain Abad 32 Road Sadat Colony 33 Street Sajid Mehmood Sadat Colony 34 Degree College Road to House Amjid Pirzada Sadat Colony 35 Loharan Wala Chowk to Masjid Zia ur Rehman 36 Street Khaliil Patwari Sadat Colony 37 Street Mustafa Gill Sadat Colony 38 Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera 39 Mandi Hussain Abad Road 40 Street Sh. Jamil Mohajir Colony 41 Urdu Road to Attiq Medical Store Tehsil Bazar 42 Degree College Road to Tagar House Golbert Mc Colony MC TST 44 Degree College Road to Tagar House Golbert Colony Poor 45 Street Sh. Jamil Mohajir Colony MC TST 46 Street Sh. Jamil Mohajir Colony MC TST 47 O.20 Poor 48 Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera 49 Mandi Hussain Abad Road MC TST 40 Degree College Road to Tagar House Gulberg Colony 40 Colony Phatak to Khalid Amagbol Park to link Chishtian Road 41 Magbol Park to link Chishtian Road 42 Gala Mandi Eastern Gate towards House Seith Khalid Idpal	29		1alik Liaqat Shahzad	МС	TST			0.30	Poor	
Jail to Chowk Hussain Abad MC TST O.20 Poor	30	Bashir Co		МС	TST			0.35	Poor	
Road Sadat Colony Street Sajid Mehmood Sadat Colony Degree College Road to House Amjid Pirzada Sadat Colony Loharan Wala Chowk to Masjid Zia ur Rehman Street Khalil Patwari Sadat Colony Street Khalil Patwari Sadat Colony Roc TST O.20 Poor TST O.30 Poor	31		•	МС	TST			0.35	Poor	
Colony Degree College Road to House Amjid Pirzada Sadat Colony Loharan Wala Chowk to Masjid Zia ur Rehman Street Khalil Patwari Sadat Colony Street Mustafa Gill Sadat Colony MC TST 0.20 Poor Street Mustafa Gill Sadat Colony MC TST 0.20 Poor Road MC TST 0.30 Poor O.20 Poor O.20 Poor TST 0.20 Poor TST 0.20 Poor TST 0.20 Poor TST 0.20 Poor MC TST 0.20 Poor TST 0.20 Poor MC TST 0.20 Poor MC TST 0.40 Poor TST 0.50 Poor TST 0.50 Poor TST 0.30 Poor TST 0.50 Poor TST 0.30 Poor TST 0.50 Poor TST 0.50 Poor TST 0.30 Poor	32		-	МС	TST			0.20	Poor	
Amjid Pirzada Sadat Colony MC TST 0.20 Poor Loharan Wala Chowk to Masjid Zia ur Rehman Street Khalil Patwari Sadat Colony Street Mustafa Gill Sadat Colony MC TST 0.20 Poor Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera MC TST 0.20 Poor MC TST 0.40 Poor MC TST 0.40 Poor MC TST 0.50 Poor MC TST 0.30 Poor MC TST 0.50 Poor MC TST 0.50 Poor MC TST 0.30 Poor MC TST 0.50 Poor MC TST 0.30 Poor	33		ijid Mehmood Sadat	МС	TST			0.20	Poor	
Size Street Str	34	_	<u> </u>	МС	TST			0.30	Poor	
Street Mustafa Gill Sadat Colony MC TST 0.20 Poor	35		• 1	МС	TST			0.20	Poor	
Petion Wali Gali Dhaban Bazar to House Rasheed Sukhera MC TST 0.20 Poor MC TST 0.40 Poor MC TST 0.40 Poor MC TST 0.40 Poor MC TST 0.40 Poor MC TST 0.50 Poor MC TST 0.50 Poor MC TST 0.30 Poor MC TST 0.30 Poor MC TST 0.50 Poor	36		halil Patwari Sadat	МС	TST			0.30	Poor	
House Rasheed Sukhera MC TST 0.20 Poor Mandi Hussain Abad Road MC TST 0.40 Poor MC TST 0.20 Poor MC TST 0.40 Poor MC TST 0.20 Poor MC TST 0.20 Poor MC TST 0.20 Poor MC TST 0.30 Poor MC TST 0.30 Poor MC TST 0.50 Poor MC TST 0.50 Poor MC TST 0.50 Poor MC TST 0.50 Poor MC TST 0.30 Poor MC TST 0.50 Poor MC TST 0.30 Poor	37	Street Mu	stafa Gill Sadat Colony	МС	TST			0.20	Poor	
40 Street Sh. Jamil Mohajir Colony MC TST 0.20 Poor 41 Urdu Road to Attiq Medical Store Tehsil Bazar MC TST 0.30 Poor 42 Degree College Road to Tagar House Gulberg Colony Quresh Colony Phatak to Khalid Maqbol Park to link Chishtian Road MC TST 0.30 Poor 43 Maqbol Park to link Chishtian MC TST 0.30 Poor 44 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal MC TST 0.20 Poor	38			МС	TST			0.20	Poor	
41 Urdu Road to Attiq Medical Store Tehsil Bazar 42 Degree College Road to Tagar House Gulberg Colony Quresh Colony Phatak to Khalid 43 Maqbol Park to link Chishtian Road 44 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal Street No. 24 Shahrad Nagar	39	Mandi Hu	ssain Abad Road	МС	TST			0.40	Poor	
Tehsil Bazar Degree College Road to Tagar House Gulberg Colony Quresh Colony Phatak to Khalid Maqbol Park to link Chishtian Road Gala Mandi Eastern Gate towards House Seith Khalid Iqbal Street No. 24 Shahrad Nagar	40			МС	TST			0.20	Poor	
House Gulberg Colony Quresh Colony Phatak to Khalid 43 Maqbol Park to link Chishtian MC TST 0.30 Poor Road 44 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal Street No. 24 Shahrad Nagari	41		•	МС	TST			0.30	Poor	
43 Maqbol Park to link Chishtian MC TST 0.30 Poor Road 44 Gala Mandi Eastern Gate towards House Seith Khalid Iqbal MC TST 0.20 Poor	42	House Gu	lberg Colony	МС	TST			0.50	Poor	
House Seith Khalid Iqbal MC TST 0.20 Poor	43	Maqbol F	•	МС	TST			0.30	Poor	
45 Street No. 04 Shahzad Nagar MC TST 0.25 Poor	44			МС	TST			0.20	Poor	
	45	Street No.	04 Shahzad Nagar	МС	TST			0.25	Poor	

Integrated Development and Asset Management Plan (IDAMP)											
Municipal Committee Bahawalnagar											
	Form: AMP-A8	A 54	est Con	Road dition Ass	accment		A:	sset Code:	: 2-05-2023		
46		05 Shahzad Nag		MC	TST			0.20	Poor		
47	Street No.	06 Shahzad Nag	gar	МС	TST			0.20	Poor		
48	Street No.	01 Muslim Colo	ny	МС	TST			0.13	Poor		
49	Govt. Boy	s High school Ro	ad	МС	TST			1.5	Poor		
50	Khlid Maq	bool Park Road		МС	TST			1.0	Poor		
51	Gao Shala	h Road		МС	TST			1.0	Poor		
52	Haronaba	d Road		МС	TST			1.0	Poor		
53	Mohajr Colony		МС	TST			0.5	Poor			
54	Minchinabad Road		МС	TST			1.5	Poor			
			Ren	narks / Re	quirement	S					
• 1	No remarks										
Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 30 May 2023							2022				
						3	iyii a Dale	e. SU May	2023		
Data Checked By: Mr. M. Fiaz Designation: Team Lead					Jaypy						
						S	ign & Date	e: 30 May 2	2023		

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		
				Water Supply		Network (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		
				Sewerage	02	(ft)	01	03-12-02-01-XX
				System	02	Disposal Stations	02	03-12-02-02-XX
			12			Vehicles	03	03-12-02-03-XX
Cauthann	03			Solid Waste		Dumping site	01	03-12-03-01-XX
Southern Punjab		Bahawalnagar		Management	03	Vehicles	02	03-12-03-02-XX
Pulijab				System		Parking Shed	03	03-12-03-03-XX
				Roads and		Roads	01	03-12-04-01-XX
				Streets	04	Street	02	03-12-04-02-XX
				311 0013		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
				Public Places	05	Bus Stand	04	03-12-05-04-XX
				Fublic Places	US	Library	05	03-12-05-05-XX
						Slaughter Houses	06	03-12-05-06-XX
						Graveyards	07	03-12-05-07-XX
						Masjid/ Imam bargah	08	03-12-05-08-XX

	Region Name	Region Code	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
Ī							Shops	09	03-12-05-09-XX
							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. Proj	ect Purpose & Service Delivery Improver	nent					
				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
	3,333			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.		
	Whather the deference / delay of the			0	No consequences		
1.3	Whether the deference/ delay of the project is going to affect citizens'		10	2.5	Minor consequences	Major immediate	10
1.3	health, safety, property, prosperity etc.?		10	7.5	Major future consequences	consequences	10
	etc.:			10	Major immediate consequences		
2. Pub	lic 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	Is there support or opposition for the	* *	_	0	Majority opposition	Majority support	5
2.2	project from NGO's, community groups,		5	1	Minority opposition	- Majority support	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	network, media, or business			5	Majority support		
	organizations?			2.5	Minority support		
	la than a surrant an annual transfer			0	Majority opposition		
2.3	Is there support or opposition from 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		2.5
	new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local envir onment		
3.1	the quality of local environment (e.g., Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the qualit v of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the local en vironment	,	
4. Soc	io-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
	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.,			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'		7.5	5	Additional investment in the area and increased wealth for citizens	area and increased wealth for citizens	5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e 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		
	Line funding hoop conved/allocated			5	Yes		
5.2	Has funding been secured/allocated within 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?		5	2.5	Standard	Standard	2.5
	inglier levels of Government.			5	Easy		
				1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	respect of teermiear design.			5	Easy		
				0	Outside expertise needed for construction, O &M		
5.5	Is there a capable system in place to		5	1	Outside expertise needed for construction ph ase only	Outside expertise needed for	1
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation ph ase i.e., feasibility studies	construction phase only	1
				5	No outside expertise needed		
Total A	Achieved Score						81.5

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

Project Description: Improvement and Rehabilitation of Parks in Bahawalnagar City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ject Purpose & Service Delivery Improve	ement					
	Door the project fill a gap in a wider			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.	Minor direct contribution	7.5
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution		1.5
				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 future consequences	7.5
1.3	health, safety, property, prosperity		10	7.5	Major future consequences		1.5
	etc.?			10	Major immediate consequences		
2. Pub	lic 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	15	_	1	Minority opposition	Majority support	5
2.2	groups, network, media, or business	15	5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
	la than a surrough an arrival to			0	Majority opposition		2.5
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	
	residents in the ininediate vicinity of			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
	the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local envir onment		
3.1	the quality of local environment (e.g.,	10	10	5	Neutral	Positive effects on the qualit	10
	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local en vironment	y of the local environment	
4. Soc	io-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
	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,	15		2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2	e.g., employment creation, investment generation, increase in		7.5	5	Additional investment in the area and increased wealth for citizens	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. Eas	e 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 have been secured?	30	5	0	No	Yes	5
	Will the project get approval from			1	Difficult		_
5.3	higher levels of Government?		5	2.5	Standard	Standard	2.5

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

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

Project Description : Replacement of Streetlights

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ject Purpose & Service Delivery Improven	ent					·
	Danakha masisah till a man in a widan			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
	System of service delivery.			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.		
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Indirect contribution.	2.5
	, ,	30		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 7.5 Major future consequences Minor consequences	Minor consequences	2.5	
1.3	health, safety, property, prosperity		10		Millor consequences	2.5	
	etc.?			10	Major immediate consequences		
2. Pub	lic 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		
2.2	project from NGO's, community groups,	15	Е	1	Minority opposition	Majority support	5
2.2	network, media, or business	13	5	5 Majority support Majority support	Majority support	5	
	rganizations?			2.5	Minority support		
	La thannan and an analytic of			0	Majority opposition		
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the ininediate vicinity of			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
	the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local envir onment		
3.1	the quality of local environment (e.g.,	10	10	5	Neutral	Positive effects on the quali	10
	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local e nvironment	ty of the local environment	
4. Soc	io-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.,	15		2.5	Little or no long-term economic development benefits	Little or no long-term	
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	economic development benefits	2.5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e 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 have been secured?	30	5	0	No	Yes	5
	Will the project get approval from			1	Difficult		
5.3	higher levels of Government?		5	2.5	Standard	Easy	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score		
				5	Easy				
				1	Difficult				
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5		
	respect of teermedi 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 external support needed?	ris	5	Outside expertise needed for construction p hase only	Outside expertise needed fo	1			
0.5			3	3	Outside expertise needed for preparation p hase i.e., feasibility studies	r construction phase only	-		
				5	No outside expertise needed				
Total Achieved Score 62									

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ject Purpose & Service Delivery Improven	ent					·
	Danakha masisah till a man in a widan			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
	System of service delivery.			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.		
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Indirect contribution.	2.5
		30		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 7.5 Major future consequences Minor cons	Minor consequences	2.5	
1.3	health, safety, property, prosperity		10		Millor consequences	2.5	
	etc.?			10	Major immediate consequences		
2. Pub	lic 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		
2.2	project from NGO's, community groups,	15	Е	1	Minority opposition	Majority support	5
2.2	network, media, or business	13	5 Majority support Majority support	Majority support	5		
	rganizations?			2.5	Minority support		
				0	Majority opposition		
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the ininediate vicinity of			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
	the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local envir onment		
3.1	the quality of local environment (e.g., Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quali ty of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the local e nvironment		
4. Soc	io-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.,	15	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'			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. Eas	e of Implementation						
5.1	Has land been acquired for the project		10	10	Yes	Yes	10
J.1	(If required)?		10	0	No	163	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
	Will the project get approval from			1	Difficult		+
5.3	higher levels of Government?		5	2.5	Standard	Easy	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score				
				5	Easy						
				1	Difficult						
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5				
	respect of teermical design.			5	Easy						
			5	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 external support needed?			1	Outside expertise needed for construction p hase only	Outside expertise needed fo	1				
3.3				3	Outside expertise needed for preparation p hase i.e., feasibility studies	r construction phase only	-				
				5	No outside expertise needed						
Total A	otal Achieved Score 62										

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

Project Description : Rehabilitation of slaughterhouse

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ect Purpose & Service Delivery Improvemen	nt					
	Does the project fill a gap in a wider			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.	Minor direct contribution	7.5
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution		1.5
				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		1.5
	sarcty, property, prosperity etc			10	Major immediate consequences		
2. Pub	lic 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,		E	1	Minority opposition	Majority support	_
2.2	network, media, or business	15	5	5	Majority support	- Majority support	5
	organizations?			2.5	Minority support		
				0	Majority opposition		
2.2	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0.5	Minority opposition	Majority support	2.5
2.3				2.5	Majority support		2.5
				1.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
3. Envi	ironmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local envir onment	Positive effects on the qu	
3.1	quality of local environment (e.g., Air	10	10	5	Neutral	ality of the local environm	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local en vironment	ent	
4. Soci	io-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 sufficient to meet O&M	2.5
				5	Revenue meets O&M costs	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.,	13	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures,			5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e 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			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		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Standard	2.5
	levels of Government?			5	Easy		
5.4			5	1	Difficult	Standard	3

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d 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 external support needed?		5	5	1	Outside expertise needed for construction ph ase only	Outside expertise needed for construction phase onl	1
3.3				3	Outside expertise needed for preparation ph ase i.e., feasibility studies	y	_	
				5	No outside expertise needed			
Total A	Total Achieved Score							

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	ect Purpose & Service Delivery Imp	rovement					
	Donatha against fill a gag in a			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
	wider system or service delivery:			10	Significant contribution		
	With a life and the angular action of the			0	No contribution.		
1.2	Whether the project will contribute to Sectoral Plan / City		10	2.5	Indirect contribution.	Major contribution to key	10
1.2	Master Plan?	30	10	7.5	Minor direct contribution	development goal. Major future consequences	10
	master riam.			10	Major contribution to key development goal.		
	Whether the deference/ delay of			0	No consequences		
1.3	the project is going to affect		10	2.5	Minor consequences		7.5
1.5	citizens' health, safety, property,		10	7.5	Major future consequences		7.5
	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%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for			0	Majority opposition		
	the			1	Minority opposition		
2.2	project from NGO's, community	15	5	5	Majority support	Majority support	5
	groups, network, media or business organizations?			2.5	Minority support		
	Is there support or opposition			0	Majority opposition		
2.3	from		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the immediate			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	vicinity of the new facility?			1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the quality of local			0	Negative effects on quality of the local environment	Positive effects on the qualit	
3.1	environment (e.g. Air quality,	10	10	5	Neutral	y of the	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	local environment	
4. Soci	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
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic		7.5	0	Negative impact on the local economy		
	benefits from this project in the	15		2.5	Little or no long term economic development benefits	Little or no long term	
4.2	long term, e.g. employment creation, investment generation, increase in land/property prices,			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					1	
5.1	Has land been acquired for the		10	10	Yes	Yes	10
	project (If required)?			0	No	103	
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of	30	5	0		Yes	5
	funding have been secured?				No		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Difficult Standard	Standard	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score			
				5	Easy					
	Ease of implementation of			1	Difficult					
5.4	project in respect of technical		5	3	Standard	Standard	3			
	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		5	1	Outside expertise needed for construction phase only	Outside expertise needed fo	1			
2.0	project 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 A	Total Achieved Score 76.5									

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

Project Description: Construction of Underground Water Storage Tank

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improv	ement					
	Door the project fill a gap in a wider			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.	
				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 future consequences	7.5
1.3	health, safety, property, prosperity		10	7.5	Major future consequences	Major ruture consequences	7.5
	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%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for			0	Majority opposition		
	the			1	Minority opposition		
2.2	project from NGO's, community	15	5	5	Majority support	Majority support	5
	groups, network, media or business organizations?			2.5	Minority support		
	le there support or ennesities from			0	Majority opposition		
2.3	2.3 Is there support or opposition from residents in the immediate vicinity		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the ininediate vicinity			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of the new facility?			1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral		10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	of the local environment	
4. Soci	o-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
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15	7.5	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		
4.2	e.g. employment creation, investment generation, increase in land/property prices, reduction in			5	Additional investment in the area and increased wealth for citizens	Little or no long term economic development benefits	2.5
	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
J.1	project (If required)?		10	0	No	163	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		
5.3	Will the project get approval from		5	2.5	Standard	Standard	2.5
	higher levels of Government?			5	Easy	1	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
	Ease of implementation of project in respect of technical design?			1	Difficult				
5.4			5	3	Standard	Standard	3		
	respect of technical design:			5	Easy				
	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M				
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 A	Total Achieved Score 7								

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	ect Purpose & Service Delivery Impr	ovement					
	Describe against fill a new in a			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
	wider system or service delivery:			10	Significant contribution		
	Whether the project will contribute to Sectoral Plan / City Master Plan?			0	No contribution.		
1 2			10	2.5	Indirect contribution.	Major contribution to key	10
1.2		30	10	7.5	Minor direct contribution	development goal.	10
	Waster Flam.			10	Major contribution to key development goal.		
	Whether the deference/ delay of			0	No consequences		
1.3	the project is going to affect		10	2.5	Minor consequences	Minor consequences	2.5
1.3	citizens' health, safety, property,		10	7.5	Major future consequences	Minor consequences	2.5
	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%		
	Is there support or opposition for			0	Majority opposition		
	the			1	Minority opposition		
2.2	project from NGO's, community	15	5	5	Majority support	Majority support	5
	groups, network, media or business organizations?			2.5	Minority support		
	Is there support or opposition			0	Majority opposition		
2.3	from		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the immediate			2.5	Majority support		

vicinity of the nacility? Act provided in the project of the proposed previous (e.g. Air quality)	Index	Question	Question		Selected Response	Achieved Score		
The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.) 4. Socio-Economic Impact Will the project bring in direct revenue? Are there indirect economic benefits from this project in the long environment creation, investment generation, excess of languement creation in citizens' expenditures, etc.? 5. Ease of Implementation 5. Ease of Implementation 5. Ease of Implementation 5. Sever members of the local economy 5. Sever members of the local economy 6. Sever members of the local economy 6. Sever members of the local economy 7. Significant competitive advantage to industry and boost to the local economy 7. Significant competitive advantage to industry and boost to the local economy 8. Ease of Implementation 8. Ease of Implementation 8. Ease of Implementation 9. No direct revenue 9. No direct revenue 9. Direct revenue is not sufficient to meet OSM costs 9. Revenue exceeds OSM costs 9. No Regative effects on the quality of the local environment the local economom device of the local economy 10. No Repative effects on the quality of the local environment the local economom devenue. 10. Positive effects on the quality of the local environment the local economom devenue. 10. No Repative effects on the quality of the local environment the local economom devenue. 10. No Repative infects on the quality of the local economom devenue. 10. No Repative infects on the quality of the local economom devenue. 10. No Repative infects on the quality of the local economom devenue. 10. No Repative infects on the quality of the local economom devenue. 10. No Repative in the local economom devenue exceeds OSM costs 11. Visit the project development benefits or division to the local economy 12. Significant competitive advantage to industry and boost to the local economy 13. Visit the project of required for the project of required for the project development benefits for citizens 14. Ves 15. Ves 16. No 18. No 19. No 19. No 10.		1			1.5	Minority support		
Project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc. Positive effects on the quality of the local environment	3. Envi	ronmental Impact						
Act there indirect economic benefits from this project in the long term, ed., employment certain, investment generation, increase in land/property prices, reduction in citzens' expenditures, etc.? T.5 Has land been acquired for the project (If required?)		project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10	10	0		Positive effects on the quality of	10
Water pollution, Waste reduction, etc.	3.1				5	Neutral		
4.1 Will the project bring in direct revenue? 7.5 Direct revenue 7.5 Direct revenue 7.5 Revenue meets O&M costs 7.5 Revenue meets O&M costs 7.5 Revenue exceeds O&M costs 7.5 Little or no long term economic development benefits 7.5 Additional investment in the area and increased in land/property prices, reduction in citizens' expenditures, etc.? 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 7.5 Ves 7.5 Ves 7.5 No 7.5 Difficult 7.5 Difficult 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 7.5 Ves 7.5 Difficult 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 7.5 Difficult 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 7.5 Difficult 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 7.5 Difficult 7.5 Significant competitive advantage to industry and boost to the local economy 8.6 Ves 9.7 Significant competitive advantage to industry and boost to the local economy 9.7 Significant competitive advantage to industry and boost to the local economy 9.7 Significant competitive advantage to industry and boost to the local economy 9.7 Significant competitive advantage to industry and boost to the local economy 9.7 Significant competitive advantage to industry and boost to the local economy 9.8 Significant competitive advantage to indu					10	Positive effects on the quality of		
4.1 Will the project bring in direct revenue? 7.5 Direct revenue is not sufficient to meet O&M costs 7.5 Revenue meets 0&M costs 7.5 Revenue exceeds 0&M costs 8 Significant competitive advantage to increase in land/property prices, reduction in citizens' expenditures, etc.? 8 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 8 Significant competitive advantage to industry and boost to the local economy 8 Significant competitive advantage to industry and boost to the local economy 9 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 1 Significant competitive advantage to industry and boost to the local economy 2 Significant competitive advantage to industry and boost	4. Soci	o-Economic Impact						
4.1 Will the project bring in direct revenue? 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.? 5. Ease of Implementation 5.1 Has land been acquired for the project (If required)? Has funding been secured/allocated within the secured/allocated within the secured/allocated within the funding have been secured? 8. Will the project get approval from higher levels of Government? 7.5 O Megative impact on the local economy beared to possible impact on the local economy capable in the area and increased wealth for citizens and boost to the local economy conomy are secured/allocated within the secured/allocated within the secured/allocated or whether the external sources of funding have been secured? 8. Will the project get approval from higher levels of Government? 5. Standard 7. Sevenue meets O&M costs 7. Sevenue exceeds O&M costs 8. Revenue exceeds O&M costs 7. Significant competitive advantage to industry and boost to the local economy 7. Significant competitive advantage to industry and boost to the local economy 7. Significant competitive advantage to industry and boost to the local economy 8. Ease of Implementation 9. Pes 10 Yes 11 Difficult 12				7.5	0	No direct revenue		7.5
Are there indirect economic benefits from this project in the long term, e.g. employment creation, inversement generation, increase in land/property prices, reduction in citizens' expenditures, etc.? 5. Ease of Implementation 5.1 Has land been acquired for the project (If required)? Has funding been secured/allocated within the secured/allocated within the funding have been secured? Will the project get approval from higher levels of Government? 5. Will the project get approval from higher levels of Government? Are there indirect economic and property on No Negative impact on the local economy Negative impact on the local economy Significant competitive advantage to industry and boost to the local economy Significant competitive advantage to industry and boost to the local economy T.5 Additional investment in the area and increased wealth for citizens Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Significant competitive advantage to industry and boost to the local economy T.5 Signific	4.1				2.5		Revenue exceeds O&M costs	
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.? 5. Ease of Implementation 5.1 Has land been acquired for the project (if required)? Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 8. Will the project get approval from higher levels of Government? 8. Will the project get approval from higher levels of Government? 9. Ne Additional investment in the area and increased wealth for citizens 9. Additional investment in the area and increased wealth for citizens 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry and boost to the local economy 9. Significant competitive advantage to industry					5	Revenue meets O&M costs		
Alter left left left left left left left left					7.5	Revenue exceeds O&M costs		
benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? 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)? Has funding been secured/allocated within the secured/allocated within the secured/allocated within the secured/allocated within the higher levels of Government? 5.3 Will the project get approval from higher levels of Government? 5.4 Will the project get approval from higher levels of Government? 5.5 Little or no long term economic development benefits 5 Additional investment in the area and increased wealth for citizens 5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Ves 10 No 10 No 10 No 11 Difficult 2.5 Standard 12.5 Standard 13.5 Significant competitive advantage to industry and boost to the local economy 14.5 Ves 15.5 Significant competitive advantage to industry and boost to the local economy 15.5 Ves 16.5 Ves 17.5 Significant competitive advantage to industry and boost to the local economy 15.5 Ves 16.5 Ves 17.5 Ves 17.5 Ves 18.5 Ves 19.5 Ves 10.5 Ves 1		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	0	Negative impact on the local economy		
4.2 creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.? 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)? Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.3 Will the project get approval from higher levels of Government? 5 Additional investment in the area and increased wealth for citizens 7.5 Significant competitive advantage to industry and boost to the local economy 7.5 Pyes 10 Yes 10 No 10 No 10 Pyes					2.5			7.5
Feduction 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 required)? Has funding been secured/allocated within the secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.3 Will the project get approval from higher levels of Government? 5 Significant competitive advantage to industry and boost to the local economy 7.5 Significant competitive advantage to industry and boost to the local economy 10 Yes 9 No 10 No 10 No 10 Pes 9 Yes 5 Yes 5 Standard 10 Difficult 2.5 Standard Easy 5	4.2				5		industry and boost to the local	
5.1 Has land been acquired for the project (If required)? Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.3 Will the project get approval from higher levels of Government? 10 Yes 0 No 7es 10 Yes 0 No 10 Difficult 5 Standard Easy					7.5		economy	
5.1 Indicated acquired for the project (If required)? Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.2 Will the project get approval from higher levels of Government? 5.3 Will the project get approval from higher levels of Government? 5.4 Difficult 5.5 Standard Fasy 5 Standard	5. Ease	of Implementation						
project (If required)? Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.3 Will the project get approval from higher levels of Government? No Tes O No Yes 5 Ves 1 Difficult 5 Standard Easy 5	E 1	· · · · · · · · · · · · · · · · · · ·	30	10	10	Yes	Voc	10
5.2 Secured/allocated within the Local Government budget or whether the external sources of funding have been secured? 5.3 Will the project get approval from higher levels of Government? 5.3 Standard Yes 5 0 No 1 Difficult 2.5 Standard Easy 5	5.1				0	No	165	
5.2 Local Government budget or whether the external sources of funding have been secured? Solution 1	5.2	secured/allocated within the Local Government budget or whether the external sources of		5	5	Yes		
5.3 Will the project get approval from higher levels of Government? 5 Difficult 2.5 Standard Easy 5					0			5
5.3 Will the project get approval from higher levels of Government? 5 2.5 Standard Easy	5.3	Will the project get approval from	-	5	1			
I higher levels of Government?								5
				<i>J</i>	5			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Ease of implementation of project in respect of technical design?		5	1	Difficult		
5.4				3	Standard	Easy	5
				5	Easy		
	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M		
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 A	Total Achieved Score						79.5

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

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	-					
	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Major contribution	7.5
1.1				7.5	Major contribution		
				10	Significant contribution		
	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	
				2.5	Indirect contribution.		10
1.2				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Minor consequences	2.5
				2.5	Minor consequences		
1.3				7.5	Major future consequences		
				10	Major immediate		
				10	consequences		
2. Public I	Response			ı			1
	Population served by the project.	15	7.5	1	Less than 10%	Less than 10%	1
2.1				5	Between 10% to 20%		
				7.5	Greater than 20%		
	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
2.2				1	Minority opposition		
۷.۲				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from		2.5	0	Majority opposition	Majority support	2.5
۷.5	residents in the immediate vicinity of			0.5	Minority opposition		2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the			2.5	Majority support		
	new facility?			1.5	Minority support		
3. Enviror	nmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local environment	Positive effects on the q	
3.1	the quality of local environment (e.g. Air quality, Water pollution, Waste	10	10	5	Neutral	uality of the local enviro	10
	reduction, etc.			10	Positive effects on the quali ty of the local environment	nment	
4. Socio-E	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	7.5
				5	Revenue meets O&M costs	costs	
				7.5	Revenue exceeds O&M costs		
		15	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	Significant competitive
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'		7.5		Additional investment in the area and increased wealth for citizens	 advantage to industry and boost to the local economy 	7.5
	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)?	30	10	0	No	103	10
5.2	Has funding been secured/allocated	30	5	5	Yes	Yes	5
5.2	within the Local Government budget or		5		No		J

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	whether the external sources of funding have been secured?						
	Will the goal and an according			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Easy	5
	Higher levels of Government:			5	Easy		
	Face of involves whating of positive			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 fo r construction, O&M		
	Is there a capable system in place to			1	Outside expertise needed fo r construction phase only	Outside expertise neede	
5.5	· · · · · ·		3	Outside expertise needed fo r preparation phase i.e. feas ibility studies	d for construction phase only	1	
				5	No outside expertise neede d		
Total Ach	nieved Score						79.5

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

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	ect Purpose & Service Delivery Improver	ment					
	Does the project fill a gap in a wider			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.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
	Sectoral Hally City Muster Fluit.			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	Minor consequences	2.5
1.5	health, safety, property, prosperity		10	7.5	Major future consequences	Millor consequences	2.5
	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%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's, community	1.5	_	1	Minority opposition	Maiaritaa.	_
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
	Toolsonia in the immediate vicinity of			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
	the new facility?			1.5	Minority support				
3. Envi	ronmental Impact			•					
	The impact of the proposed project on			0	Negative effects on quality of the local e nvironment	Desitive effects on the quality			
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 loc al environment	of the local environment			
4. Soci	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.	15	7.5	2.5	Little or no long term economic development benefits	Significant competitive advantage to industry and boost to the local economy			
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'			5	Additional investment in the area and increased wealth for citizens		7.5		
	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 have been secured?	30	5	0	No	Yes	5		
	-				Difficult				
5.3	Will the project get approval from		5	2.5	Standard	Easy	5		
	higher 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	Easy	5
	respect of technical design?			5	Easy		
			ر	0	Outside expertise needed for constructi on, O&M	Outside expertise needed for	1
5.5	Is there a capable system in place to implement and operate this project or			1	Outside expertise needed for constructi on phase only		
	is external support needed?	, ,		3	Outside expertise needed for preparatio n phase i.e. feasibility studies	construction phase only	_
				5	No outside expertise needed	7	
Total A	chieved Score						79.5

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

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. Proj	ect Purpose & Service Delivery Improver	ment					
	Door the project fill a gap in a wider			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.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
	Sectoral Flam, City Master Flam:	30		10	Major contribution to key development goal.		
	Whether the deference/ delay of the		10	0	No consequences		2.5
1.3	project is going to affect citizens'			2.5	Minor consequences	Minor consequences	
1.3	health, safety, property, prosperity			7.5	Major future consequences	Minor consequences	
	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%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's, community	4.5	_	1	Minority opposition		_
2.2	retwork, media or business	roups, 15	5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
	Is there support or enperition from			0	Majority opposition		2.5
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	
	residents in the initiation vicinity of				Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the new facility?			1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local e nvironment	Docitive offects on the guality	
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 loc al environment	of the local chymoninent	
4. Soci	o-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		7.5
	Are there indirect economic benefits from this project in the long term, e.g.	15	7.5	2.5	Little or no long term economic development benefits	Significant competitive advantage to industry and boost to the local economy	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'			5	Additional investment in the area and increased wealth for 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		10	10	Yes	Yes	10
5.1	(If required)?		10	0	No	162	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		
5.3	Will the project get approval from		5	2.5	Standard Easy		5
1	higher levels of Government?				Easy		

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	Easy	5
	respect of technical design?			5	Easy		
			ر	0	Outside expertise needed for constructi on, O&M	Outside expertise needed for	1
5.5	Is there a capable system in place to implement and operate this project or			1	Outside expertise needed for constructi on phase only		
	is external support needed?	, ,		3	Outside expertise needed for preparatio n phase i.e. feasibility studies	construction phase only	_
				5	No outside expertise needed	7	
Total A	chieved Score						79.5

Annexure D. Environmental and Social Considerations in IDAMP³

Section 1: Policy, Legal and Administrative Framework

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

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

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

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

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

Regulatory Clearances, Punjab EPA

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

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

1.2. Guidelines for Environmental Assessment, Pakistan EPA

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

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

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

1.3. Punjab Environmental Quality Standards (PEQS)

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

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

32 parameters of PEQSs for drinking water shall be applicable to all water supply schemes/ projects/ subprojects (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	Provided that the proponent shall file an Initial Environmental Examination or Environmental	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

S	r. #	Act	Description		Applicability t	o sub-project
		IEE/EIA Regulations	Impact Assessment, if the project is likely to cause	schedu	le II the EIA of S	Subproject will be carried
		2022	an adverse environmental impact		(out.
				Thosas		
						ing of MCs subprojects as
				per Pu	ınjab Environm	ent protection review of
				IEE/E	IA regulations 2	2000 are given below in
					Ta	able.
				Schedule	Sector	Clause
				Schedule	Stormwater	F. Water management,
				l I	Drainage	dams, irrigation and
						flood protection
						1. Small Dams and
						reservoirs
						2. Irrigation and
						drainage projects
					Water	G. Water Supply and
					supply	Treatment
						Water supply schemes
						and treatment plants
						with total cost less than
						Rs. 50 million
					Parks	I.Urban development
						and tourism
						5. Urban development
						projects
					Waste	H. Waste disposal
						Non-hazardous scrap
						yard / warehouse

Sr. #	Act	Description		Applicability t	o sub-project
			Schedule	Water supply, Sewerage System and treatment Waste Storage and Disposal	F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants (excluding the Reverse Osmosis, Ultra filtration and such like) with total cost more than Rs. 50 million 2. Wastewater channels / Sewerage System Schemes 3. Combined Wastewater Treatment Plants with treatment Plants with treatment capacity greater than 100m3/hr G. Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse

Sr. #	Act	Description	Applicability to sub-project
3.	Delegations of power for Environment Approvals Rule 2017	According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects	 Under PCP the clause of h, n and o are applicable. clause h Construction of roads fallings within the jurisdiction of a district, expecting highways, expressways and motorways Clause o solid waste management excepting landfills Clause p water supply schemes /water purifications plants costing upto Rs. 20,000/-
4.	Notification No. SOG/ EPD/5-86/2019 delegation of powers to Deputy Commissioner	According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects	Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal.
3.	Pakistan Penal Code, 1860	The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization. The Code also addresses control of noise, noxious emissions and disposal of effluents.	The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal.
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase

Sr. #	Act	Description	Applicability to sub-project
		MVE inspection system is one of the regulatory	at machinery used during construction phase of this
		measures that can be taken to tackle the ambient	subproject.
		air quality problems associated with the vehicular	
		emissions during operation phase.	
		The Land Acquisition Act, 1894, is a "law for the	
	The Land Acquisition	acquisition of land needed for public purposes and	This act will not be triggered as no land acquisition is
5.	Act, 1894	for companies and for determining the amount of	required.
	ACI, 1694	compensation to be paid on account of such	required.
		acquisition".	
	The Punjab Land		This act will be triggered as wherever land to be
6.	Acquisition Rules,	It describes the land acquisition procedure for	acquired for subproject. Such as in Swerage project,
0.	1983,	public purposes or for a company.	Construction of Wastewater treatment plants,
	1903,		installation of new tube wells etc.
		The Punjab Antiquities Amendment Act, 2012 is	
	Pakistan Antiquities	adopted from the Pakistan Antiquities Act of 1975	The law will be applicable to the project due to its
7.	Act 1975 and Punjab	with a few minor changes. The Antiquities Act,	provision that if any accidental archaeological
7.	Antiquities	1975 (amended in 1990) states the following:	discoveries may occur during the excavation works
	Amendment Act 2012	• "Ancient" is any object that is at least 75	for the construction of sub-projects.
		years old;	

Sr. #	Act	Description	Applicability to sub-project
		 All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology; The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise; All new construction within a distance of 200 feet from protected antiquities is forbidden; No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and 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	The relevance of this act to the project will be to prohibit child employment for construction related activities of the proposed sub- project and it will be applicable throughout the construction activities related to subprojects.

Sr. #	Act	Description	Applicability to sub-project
9.	The Punjab Occupational Safety and Health Act, 2019	months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees. 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 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.	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. 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	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.

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

Sr. #	Act	Description	Applicability to sub-project
		the wage fixation process and strengthening the	
		role of Punjab Minimum Wages Board, efficient	
		disbursement of welfare grants and gradual	
		extension of labor protection frame-work.	
		As per PLGA 2019 Functions of a Metropolitan	
		Corporation, Municipal Corporation and Municipal	
		Committee:	
		Part I	
		(g) Solid waste collection and disposal;	
		(h) Sewerage collection and disposal including	
	Punjab Local	water management and treatment;	
13	Government Act,	(i) Building control and land use;	All the related clauses of this Act shall be applicable
15	2019	(j) Births, deaths, marriages and divorce	for MCs.
		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;	

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

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

Sr. #	Act	Description	Applicability to sub-project
		consultation is appropriate); and facilitation of involvement (including the poor, women, and NGOs).	
16	Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020	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 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	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
		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."	
	Punjab Wildlife	The Act requires the protection of wildlife species	This act shall be applicable in case any harm to
	Protection,	declared as endangered/threatened and rare. It	wildlife is assessed at the stage of early screening or
18	Conservation and Management Act, 1974	gives protection to these species by declaring their	if there is any potential risk identified to the wildlife
10		natural living environment as protected and	during or after execution of the subprojects/projects
		reserved, which includes areas such as national	related to infrastructure development and municipal
		parks, wildlife sanctuaries, and game reserves.	service delivery.
		Punjab EPA has also designed the following	Checklists for IEE and EIA shall be applicable to all
		Guidelines/Checklists for IEE/EIA Projects:	the new infrastructure development projects.
	Guidelines and	Check List for IEE (updated September 2020)	Following Guidelines shall be applicable for MC's
	Checklists adopted by	Check List for EIA (updated September 2020)	municipal service delivery projects:
19	GOP after 18th	After 18 th Amendment, Punjab EPA has adopted	✓ Urban Roads
		the following sectoral Guidelines that were	✓ Water Supply
	Amendment	prepared by other provinces and were earlier	✓ Sanitation Schemes
		adopted by Pak EPA:	✓ Major Sewerage Schemes
		✓ Poultry Farms	

Sr. #	Act	Description	Applicability to sub-project
		✓ Urban Roads	
		✓ Rural Schools	
		✓ Housing Schemes	
		✓ Petrol & CNG	
		✓ Forest Road	
		✓ Forest Harvesting	
		✓ Water Supply	
		✓ Tourist Facilities	
		✓ Sanitation Schemes	
		✓ Major Chemicals and Manufacturing Plants	
		✓ Flour Mills	
		✓ Carpet Manufacturing	
		✓ Housing Estates and New Town Development	
		✓ Industrial Estate	
		✓ Major Roads	
		✓ Major Sewerage Schemes	
		✓ Stone Crushers	
		✓ Marble Units	
		✓ Oil & Gas Exploration	

Section 2: Environmental & Social Categorization

2.1. Environmental Screening and Categorization of Sub-Projects

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
			Waste Manageme	ent		
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	\$3	Applicability of PMDFC EHS SOPs for SWM Machinery/Equipment
	Liquid Waste	Sludge ponds	May have some negative but localized environmental and social impacts	E2	S 2	ESMP
1.		Community septic tanks	May have some negative but localized environmental and social impacts	E2	S 2	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.		tube wells Overhead reservoirs	Water Supply May have negligible environmental impacts May have negligible environmental	E3	\$3 \$2	NA ESMP
		Water Supply distribution network	impacts May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2		ESMP for repair and maintenance of existing network or IEE/EIA for new subprojects 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.	Urban drainag Open Drainage Covered Drain	e System	Storm Water Drain May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing systems or IEE/EIA for new subprojects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Flood control s	systems	May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	\$ 2	ESMP for repair and maintenance of existing system or IEE/EIA for new subproject as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
4.			Connectivity			
	Rehabilitation urban roads ⁴		May have some negative but localized environmental and social impacts	E2	\$2\$	ESMP
	Pedestrian wal	lkways, Bicycle paths	May have negligible environmental impacts	E2	S2	ESMP
	Streets and se signs		May have negligible environmental impacts	E3	\$3	NA
	Construction o	of Bus Workshops	May have some negative but localized environmental and social impacts	E2	S 2	ESMP

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

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

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

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

Section 3: Budget Allocation

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

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

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

Section 4: Monitoring & Supervision

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

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

Annexure E. Project Appraisal

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

Project Description: Replacement of Streetlights

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

					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
		A	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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	-
٦	otal	8	45	53	-	-	2,405	2,405	2,352		116

Assumptions for Financial Appraisal

Costs:

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

Benefits:

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

Estimated Project Life:

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

Asset	Useful Life
Buildings/ Civil Works	25
Tubewell Pumps	15
Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/	0.5
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

Macro-economic Indicators

- 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	let 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)	fit Cost Ratio (BCR) BCR= Total Benefits ÷ Total Costs		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	E	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
-	Total	550	2,996	3,546	7,683	-	-	7,683	4,138		(229)

Assumptions for Financial Appraisal

Costs:

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

Benefits:

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

Estimated Project Life:

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/	25
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

Macro-economic Indicators

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

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

Project Description: Solarization of the municipal buildings

Sr. No.		Description	Unit	Value	Remarks
1	Net Present Value (NPV) NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%		Rs.	75	
2	Financial Internal Rate of Return (FIRR)	inancial Internal Rate of Return (FIRR) FIRR			
3	Benefit Cost Ratio (BCR)	enefit Cost Ratio (BCR) BCR= Total Benefits ÷ Total Costs		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	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
	Total	50	74	124	2,794	-	-	2,794	2,670		75

Assumptions for Financial Appraisal

Costs:

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

Benefits:

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

Estimated Project Life:

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

Macro-economic Indicators

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

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

Project Description : Solarization of Tube wells and Water Supply System

Sr. No.		Description			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)
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

Assumptions for Financial Appraisal

Costs:

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

Benefits:

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

Estimated Project Life:

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/	25
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

Macro-economic Indicators

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

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

Project Description : Solarization of pumps and disposal stations

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

	. Year		Costs		Benefits				PV @ %	22.32	
Year No.		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
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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
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12	2035-2036		5.11	5	193.57			194	188	0.09	17
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21	2044-2045		19.61	20	743.04			743	723	0.01	11
22	2045-2046		22.77	23	862.82			863	840	0.01	10
23	2046-2047		26.44	26	1,001.90			1,002	975	0.01	9
24	2047-2048		30.70	31	1,163.41			1,163	1,133	0.01	9
25	2048-2049		35.65	36	1,350.95			1,351	1,315	0.01	9
	Total	170	252	422	9,500	-	-	9,500	9,078		256

Assumptions for Financial Appraisal

Costs:

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Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/	25
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

Macro-economic Indicators

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

Annexure F. Stakeholder's Consultative Session



Consultative Session - Bahawalnagar.pdf

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





Punjab Municipal Development Fund Company (PMDFC)



Punjab Cities Program



Integrated Development and Asset Management Plan (IDAMP)

Consultative Session
Conducted on May 09, 2023

Municipal Committee Bahawalnagar

Prepared by: Regional Program Coordinator (South)





Agenda

Consultative Session on IDAMP with Stakeholders at MC Bahawalnagar

Under Punjab Cities Program (PCP)

Organizing Date: May 09, 2023

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





PROCEEDINGS OF SESSION

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

1. Introduction:

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

2. Purpose of IDAMP Framework

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

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

3. Scope of IDAMP Framework:

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

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





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

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

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

4. Legal Authority of IDAMP Framework

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

5. Overview of IDAMP/Challenges faced by MCs

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

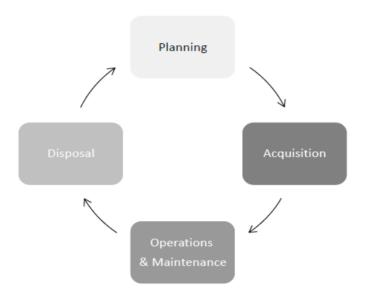
6. Key Concepts

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





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



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







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



7. Key Challenges

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

8. Objectives of IDAMP

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





9. Key Benefits of IDAMP

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

10. Asset Portfolio Analysis

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

11. Asset Portfolio Analysis

- Asset Risk Management
 - 1. Physical Condition

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

2. Asset Performance (KPIs)

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

3. Asset reliability

Reliabili	As Specified by Manufacturer	Random Breakdown	Occasional Breakdown	Periodic Breakdown	Continuous Breakdown
Score	1	2	3	4	5

Asset Condition Rating

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

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





12. Methodology for the IDAMP

Step 1: Development of GIS based Assets Inventory

Step 2: Notification of Level of Service (LOS)

Step 3: Development of Project Proposals

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

Step 5: Financial Capacity Analysis

Step 6: Projects Screening and Phasing

Step 7: Finalization of Integrated Development and Asset Management Plan

13. Monitoring and Evaluation of IDAMP

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





Attend Sheet of Session

		7		
Dated: 4/5/2023.	Muncipal Committee Ralnau Consultative Session for IDAN Attendance Sheet	MP	r C. Bahawal	rbyer
Sr # Name	Resident Address	Gender	Occupation	Remarks
1- Tahir Sorely.	PHED OWN	N	S/Engineer	Remarks
2 SHARIO SAUVE		m	cone	1
4 M. Rholid Alvi	F.P.H.C B.W.K	nt M		satisfacto.
5 Asif Gilloni 6 M. Arshad Tahir	PMDFG Lahare	M	Environment	list of
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M. Wasyas AKhta	BWN	M.	IToffice	Sout is fred
8 HASSAN ALI	DPO.S.S. PMDFCLHR.	M	DPO . S.S.	
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Dated: 9/5/2023	Muncipal Committee Productive Session for IDAN Attendance Sheet	AP.	e Bohawa	lnyn
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Banner and Participants Pictures









Question & Answer Session:

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

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

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

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

Closing of Session:

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