

SEWERAGE IMPROVEMENT PLAN OF ALLAMA IQBAL TOWN AREAS INCLUDING UPGRADATION OF EXISTING MULTAN ROAD PUMPING STATION, WASA LAHORE

Lahore WASA, the 2nd largest Water utility of Pakistan, is providing water and sanitation services to the inhabitants of Lahore city in the area of more than 350-Sq.Km through 5400Km length of Water Supply lines and about 4000Km length of Sewerage Network. Due to rapid expansion, urbanization, population sprawl and trans-migration in Lahore city especially in South and South West Lahore, existing sewage infrastructure has become inadequate and undersized.

Existing trunk sewer along Moulvi Fazal-e-haq road Allama Iqbal town having size varying from 36" i/d sewer to conduit sewer of 11'x7' along Kharrak road is serving population of about 1.2 Million for the areas including Allama Iqbal town, Ichhra, Samanabad and Dholanwal etc,. However, with the passage of time, existing sewerage system is getting inadequate to withstand increased sewage loads from Sabzazar, Dholanwal and adjoining areas. Resultantly, Allama Iqbal Road Drain along Kharrak road has also become a sullage carrier/open sewer.

Moreover, existing Multan Road pumping station having capacity of 240 CFS (06 No Pumps of 40 CFS each) installed in year 2012 has also become insufficient to combat the situation especially during rainy season when situation gets worsen.

In this context, WASA Lahore has already prepared comprehensive sewerage scheme for redressing the sewerage issues of afore stated areas. The scheme involves laying of conduit sewer of 36" i/d to conduit sewer of 8'x 7' upto Multan Road pumping station as well as trunk sewers along main contributing areas. This also includes up-gradation of existing Multan Road pumping station from current capacity of 240 CFS to 480 CFS including all the ancillary civil works.

The scheme will aid in redressing the sewerage and storm drainage issues of the catchment areas as well as reinstating the drain as storm water carrier/channel.

**PROJECTS FUNDED BY ASIAN INFRASTRUCTURE
INVESTMENT BANK (AIIB)
WASA LAHORE**

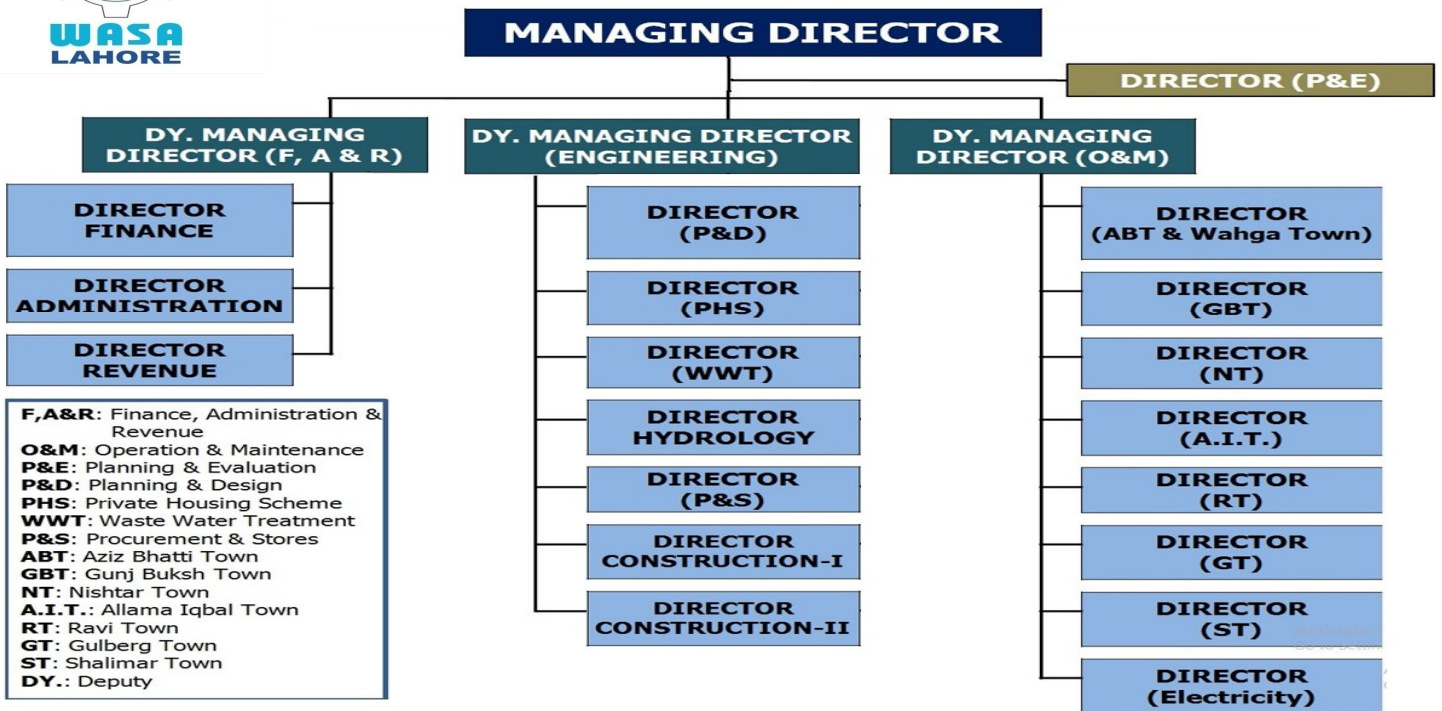
INTRODUCTION

- WASA Lahore was established as an Agency of Lahore Development Authority (LDA) under LDA Act in 1976.
- Responsible for Planning, Designing, Development and Operation & Maintenance of Water Supply, Sewerage and Drainage infrastructure in Lahore.
- Responsible for billing and collection of rates, fees and charges for the services provided to consumers.

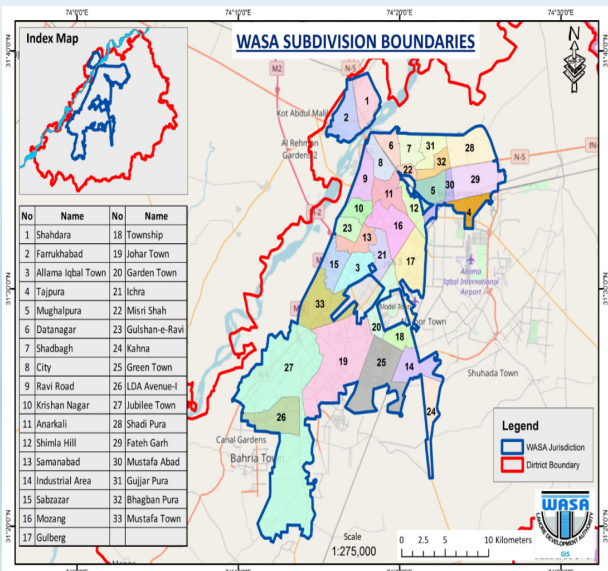


WASA LAHORE ORGANOGRAM

(Established in 1976)



OVERVIEW OF WASA INFRASTRUCTURE



- WASA Service Area: 350-Sq.Km
- Total Served Population: 8.0 Million
- Total Water Supply: 5826-Km
- Total Sewerage Network: 4000 Km
- Source of Water Supply: Ground Water
- No. of Tubewells: 596
- Water Production: 540 MGD
(2.45 Million m³/day)
- Water Connections: 700,000(0.7 M)
- Metered: 40,000(0.04 M)
- Wastewater Treatment Plants: Nil

KEY ISSUES

- Depletion of Ground Water / Reliance on single source of water
- Non-Revenue Water
- Trunk Sewerage Infrastructure
- Wastewater Treatment

PLANS TO ADDRESS KEY ISSUES

- Development of Alternate Source of Water (Induction of Surface Water)
- Installation of Water Meters
- Establishment of Zones
- Laying of Trunk Sewer
- Construction of Wastewater Treatment Plants

CONSTRUCTION OF SURFACE WATER TREATMENT PLANT AT BRBD CANAL (AIIB FUNDED PROJECT)

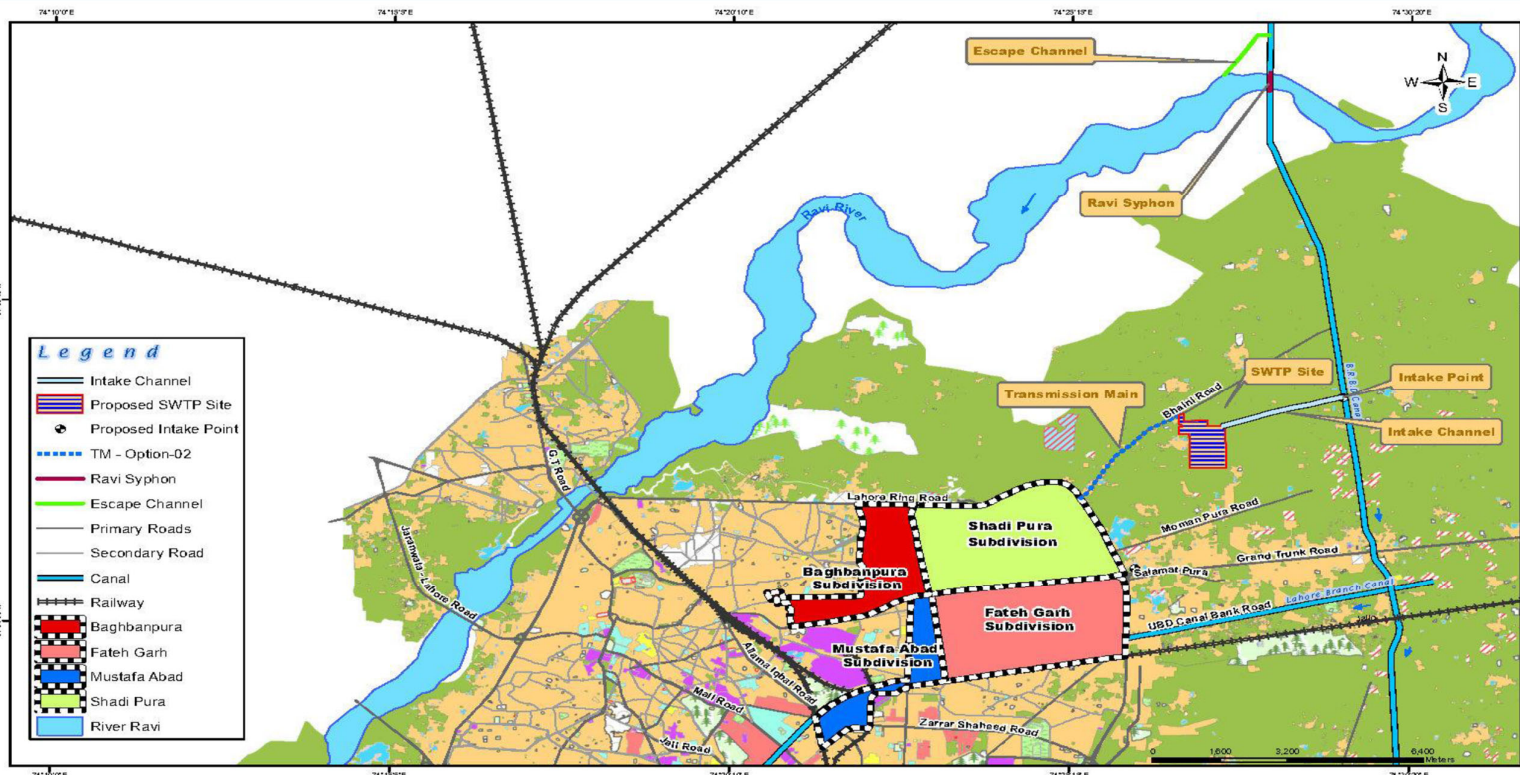
BRIEF OF THE PROJECT

Cost :	Rs. 21,045 Million (USD 133.01 Million)*
Financing Plan:	Rs.19,684.95 Millions (FEC) Rs.1360.05 Millions(Local Component)
ADP/ PSDP 2019-20:	ADP G.Sr. No. 4747
Implementation Period:	3.5 Years
Project Profile:	<p>WASA Lahore aims to shift towards surface water in order to reduce stress on ground water for that purpose through the financial assistance of Asian Infrastructure Investment Bank (AIIB), under Phase-I, a 100 cusecs (54 MGD) (10 % of total water demand) Surface Water Treatment Plant is planned to be constructed on EPC/DBO mode that shall ensure:</p> <ul style="list-style-type: none">• 24/7 supply of adequate quantity of safe drinking water to the target area of Lahore (Shadipura, Baghbanpura, Fatehgarh and Mustafabad) through a unified water supply network.• Rationalize and manage water demand through conservation and metering.• Maximizing the efficiency of the water supply system by creating self-sustaining Water Zones and Distribution Management Areas.• Instituting a robust water measurement and monitoring system at the production, distribution and consumer end to minimize NRW.

SCOPE OF THE PROJECT

- 1. Rehabilitation of Ravi Syphon, Intake Structure, Gates and Raw Water Channel.**
- 2. Construction of Surface water treatment plant of capacity 54 MGD.**
- 3. Transmission main, feeding main and distribution network including rehabilitation / replacement of distribution network, and installation of SCADA system.**

PROJECT MAP AND TARGET AREAS



SEWERAGE SYSTEM FROM LARECH COLONY TO GULSHAN- E- RAVI, LAHORE (BY USING TRENCHLESS TECHNOLOGY)

(AIIB FUNDED PROJECT)

BRIEF OF THE PROJECT

PC-I Cost:	Rs. 14,165.060 Million
Source of Funding:	Soft loan from Asian Infrastructure Investment Bank (AIIB)
ADP 2019-20:	ADP G.Sr.No. 4712
Implementation Period:	Total 30 Months (including 6 months design)
Mode & Methodology of Execution:	<ul style="list-style-type: none"> • Engineering Procurement Construction (EPC) • Trenchless Technology by using Tunnel Boring Machine (TBM)
Serving Areas:	<ul style="list-style-type: none"> • Sewerage Line-A commences from Larech Colony, Gahri Shahau, Durand Road, Shimla Hill, Cooper Road, Queens Road, Bahawalpur Road, Chauburgi Chowk and traverses to the newly constructed ultimate disposal station at Gulshan-e-Ravi, Lahore. • Sewerage Line-B starts from Infantry Road, Mustafabad, Basti Saddian Shah, Mian Mir Colony, Gulberg, Shadman, Shah Jamal, Shama, Rasool Park, Samnabad, and adjoining localities and ultimately disposed of at proposed 350 cusec disposal station at Gulshan-e-Ravi.

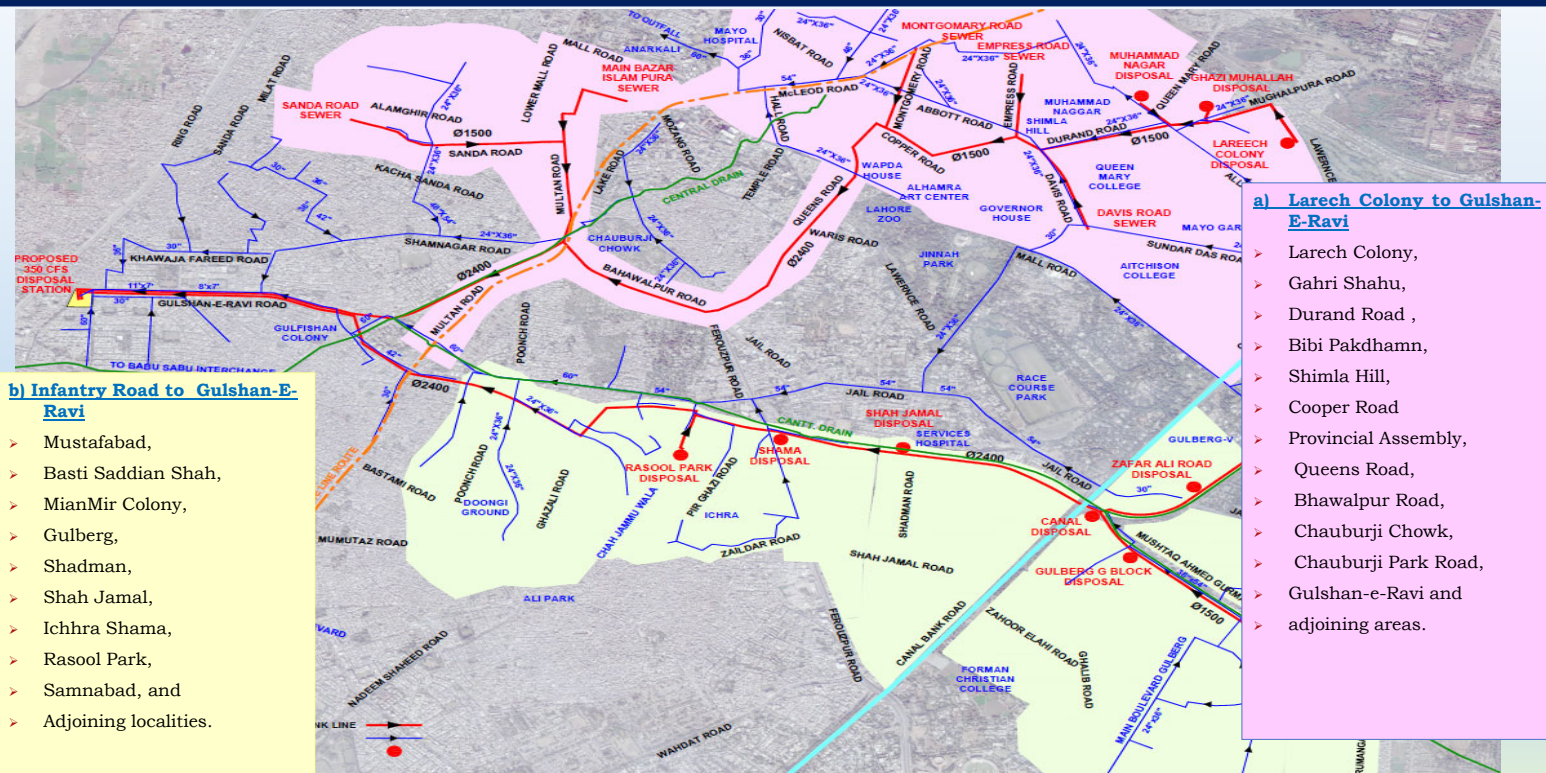
SCOPE OF THE PROJECT

Package-I: Laying of Sewer Line from Larechs Colony to Gulshan-e-Ravi (Line-A =15,256 m)

Package-II: Laying of Sewer Line from Infantry Road to Gulshan-e-Ravi (Line-B =13,023 m)

Package-III: Construction of Ultimate Pumping Station of 350 Cusecs Capacity at Gulshan-e-Ravi and Allied Works.

PROJECT MAP AND TARGET AREAS

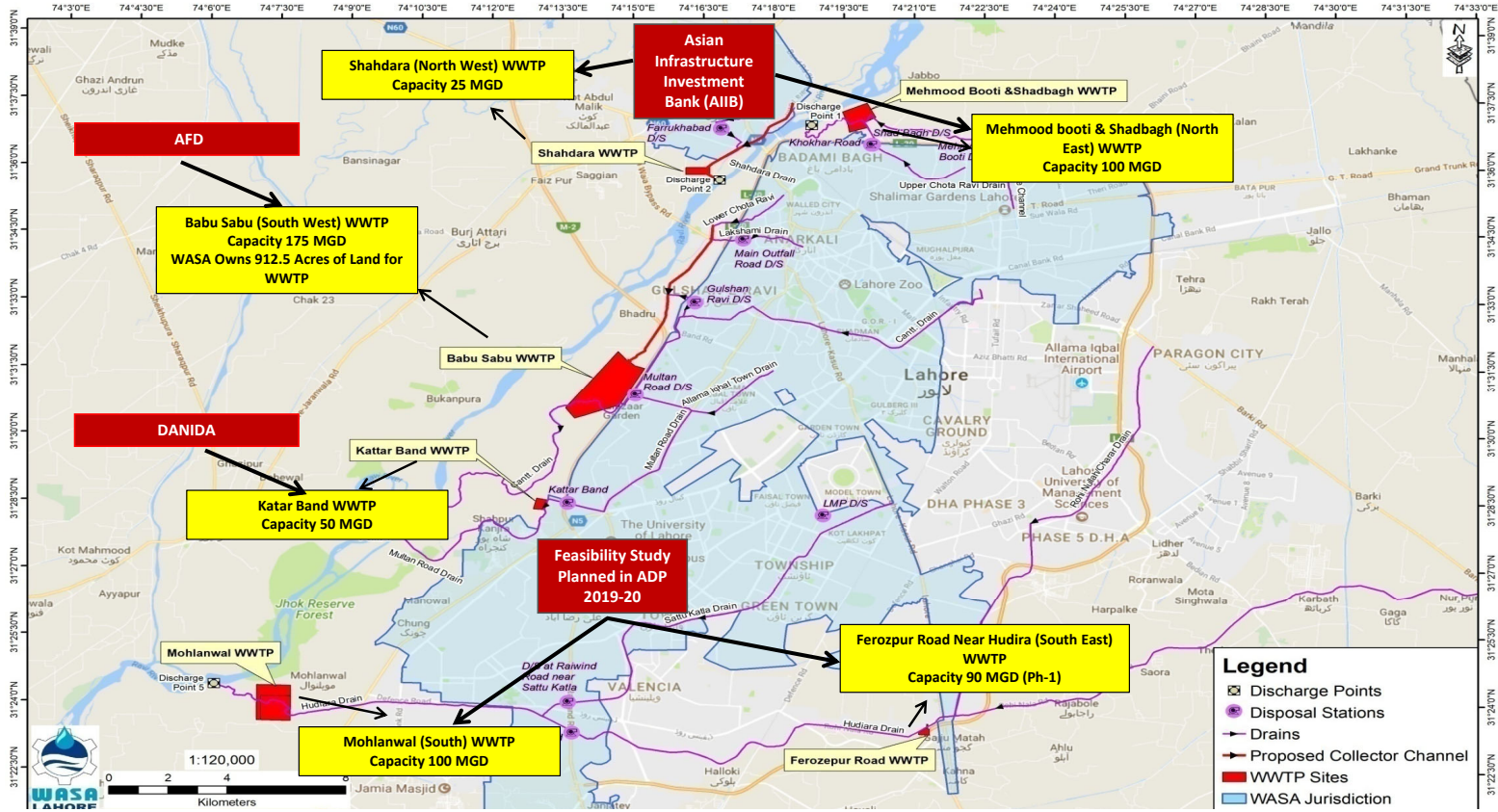


WASTEWATER TREATMENT PLANTS

Wastewater Treatment Plants in Lahore

Sr. No.	Name / Location	Capacity
1	Mehmood Booti & Shadbagh WWTP	98 MGD
2	Shahdara WWTP	25 MGD
3	Babu Sabu WWTP	175 MGD
4	Kattar Band WWTP	50 MGD
5	Mohlanwal WWTP	100 MGD
6	Ferozpur Road near Hudiarra WWTP	25 MGD

Proposed Waste Water Treatment Plants & Outfall Points



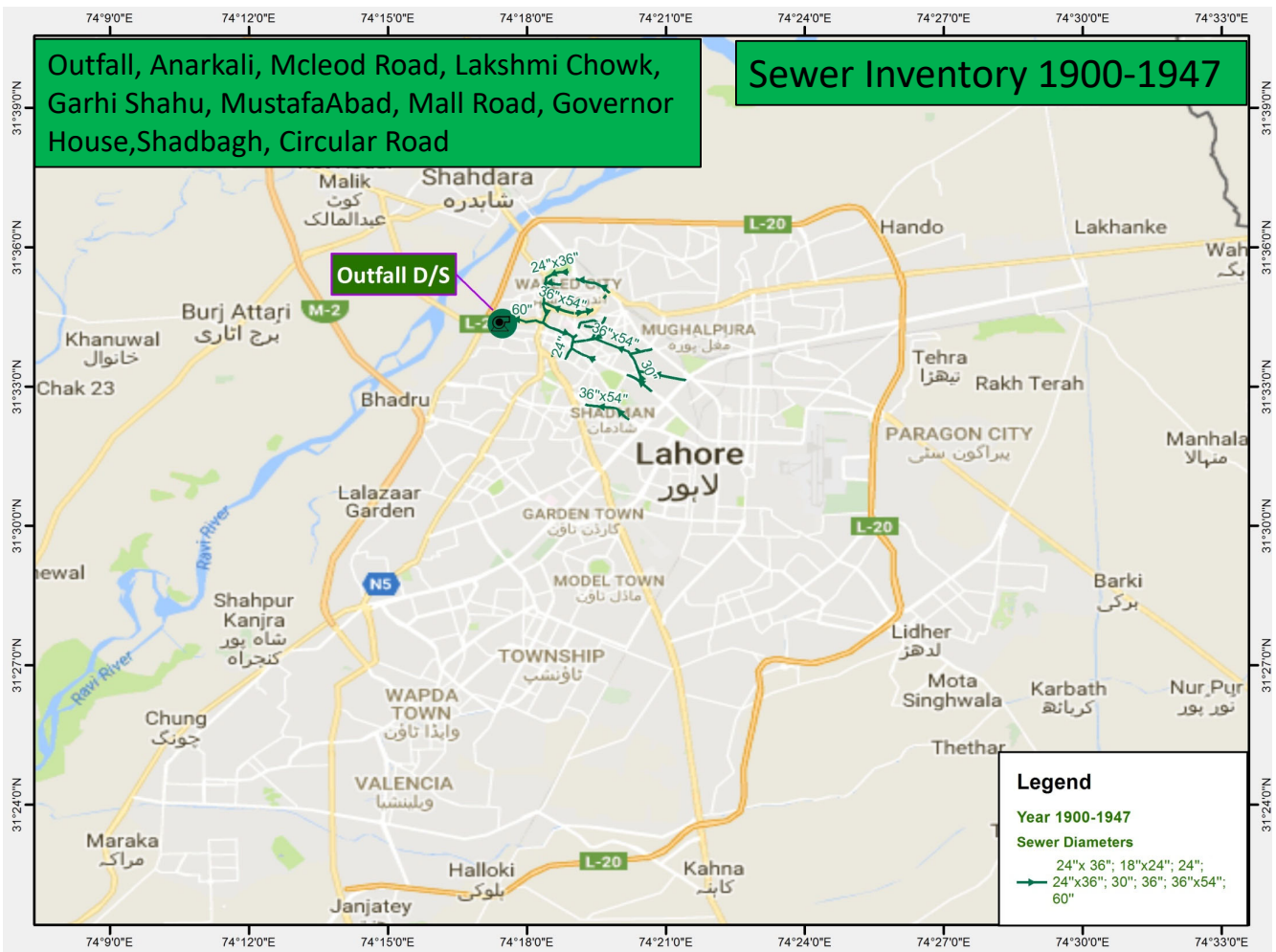
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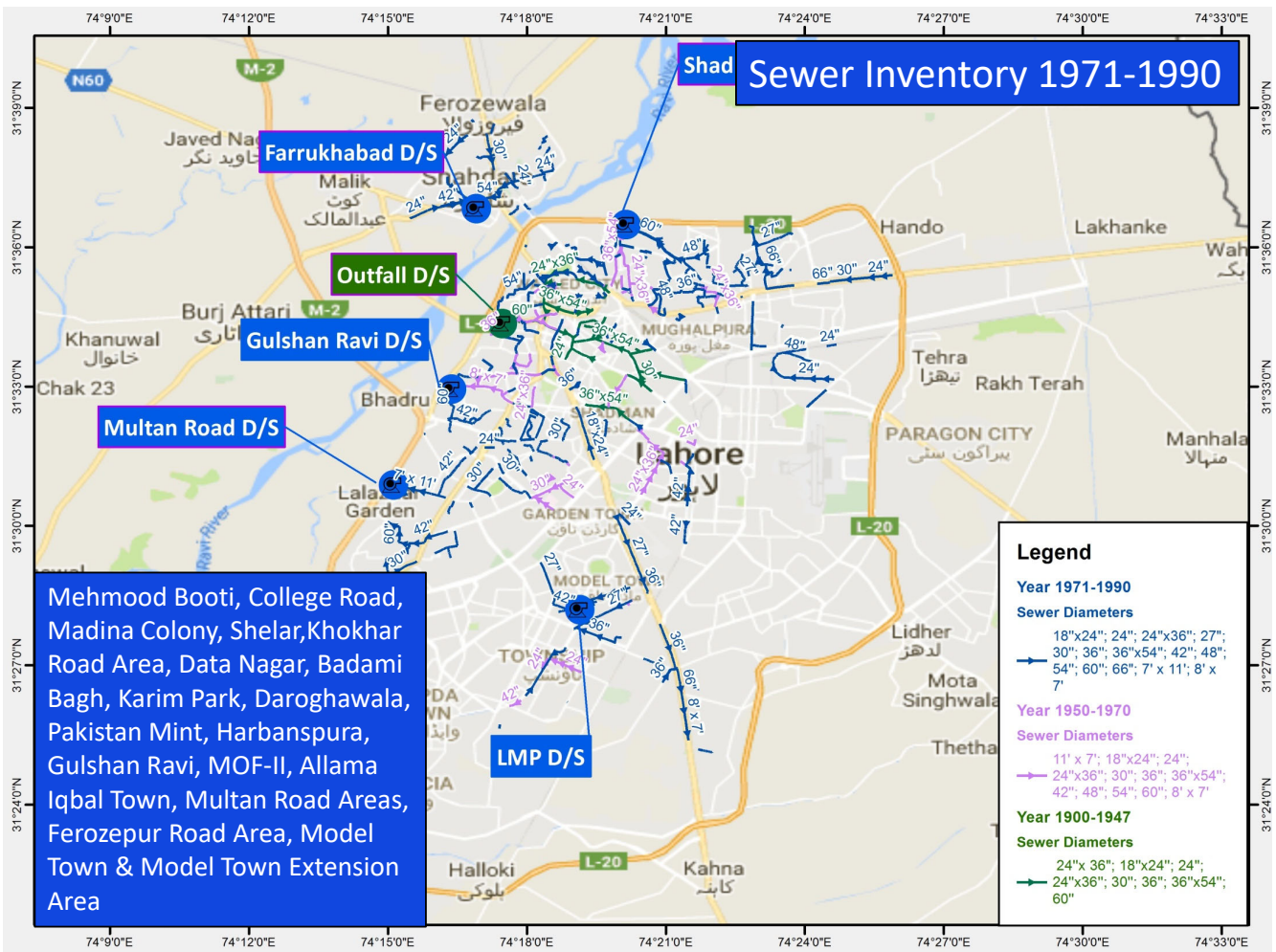
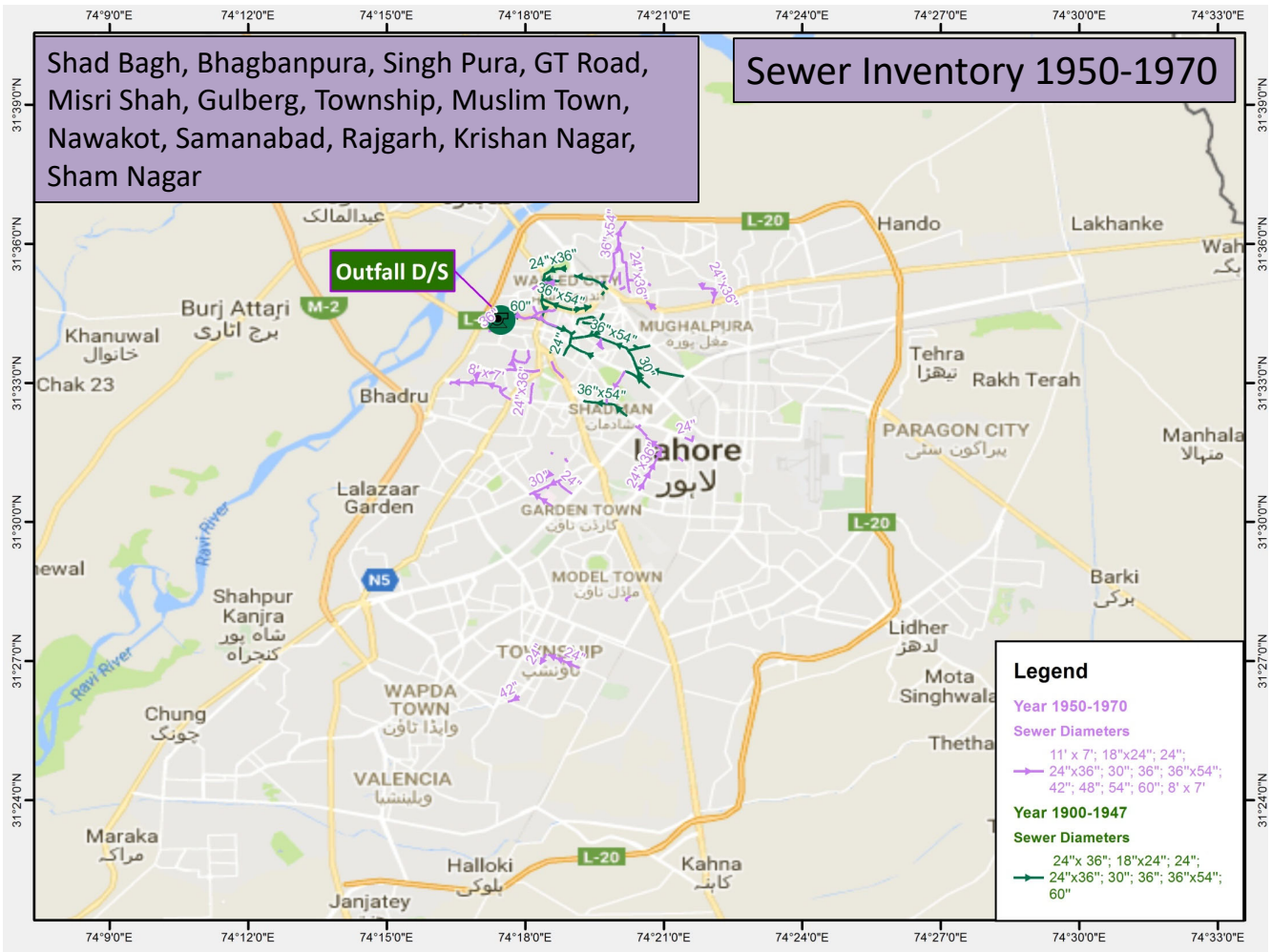


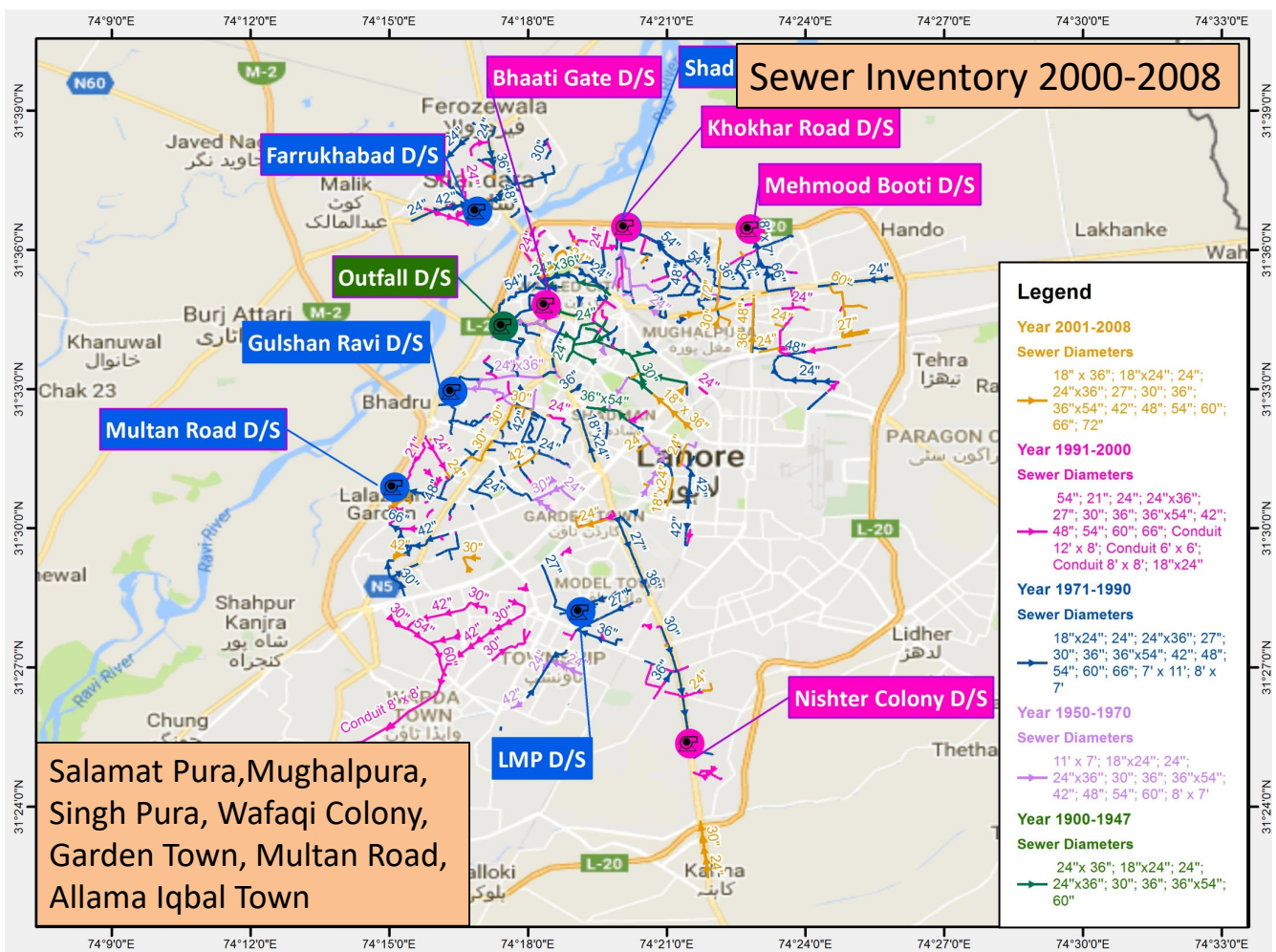
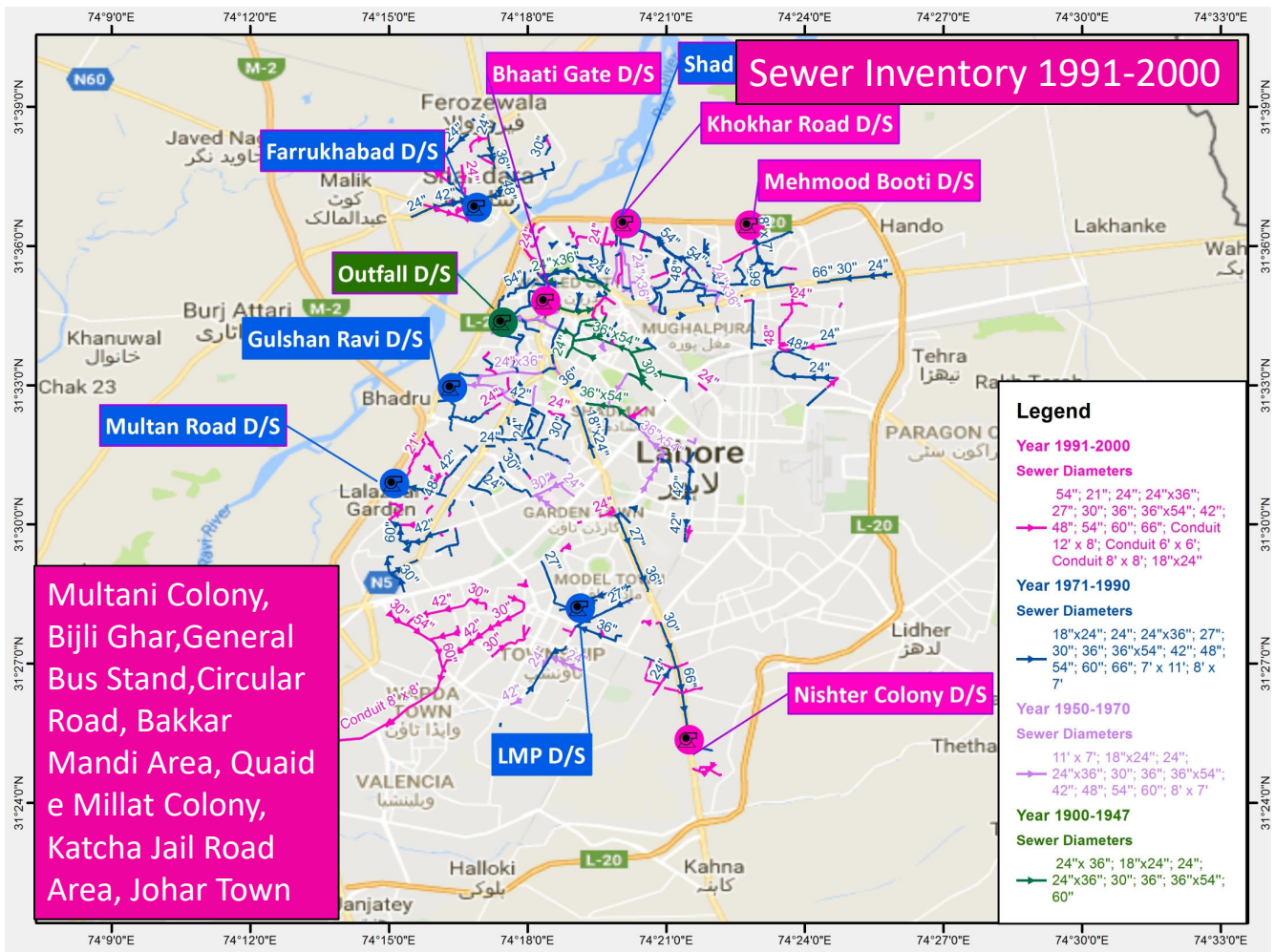
AGENDA ITEM NO. 08
WASA SEWERAGE IMPROVEMENT
PLAN

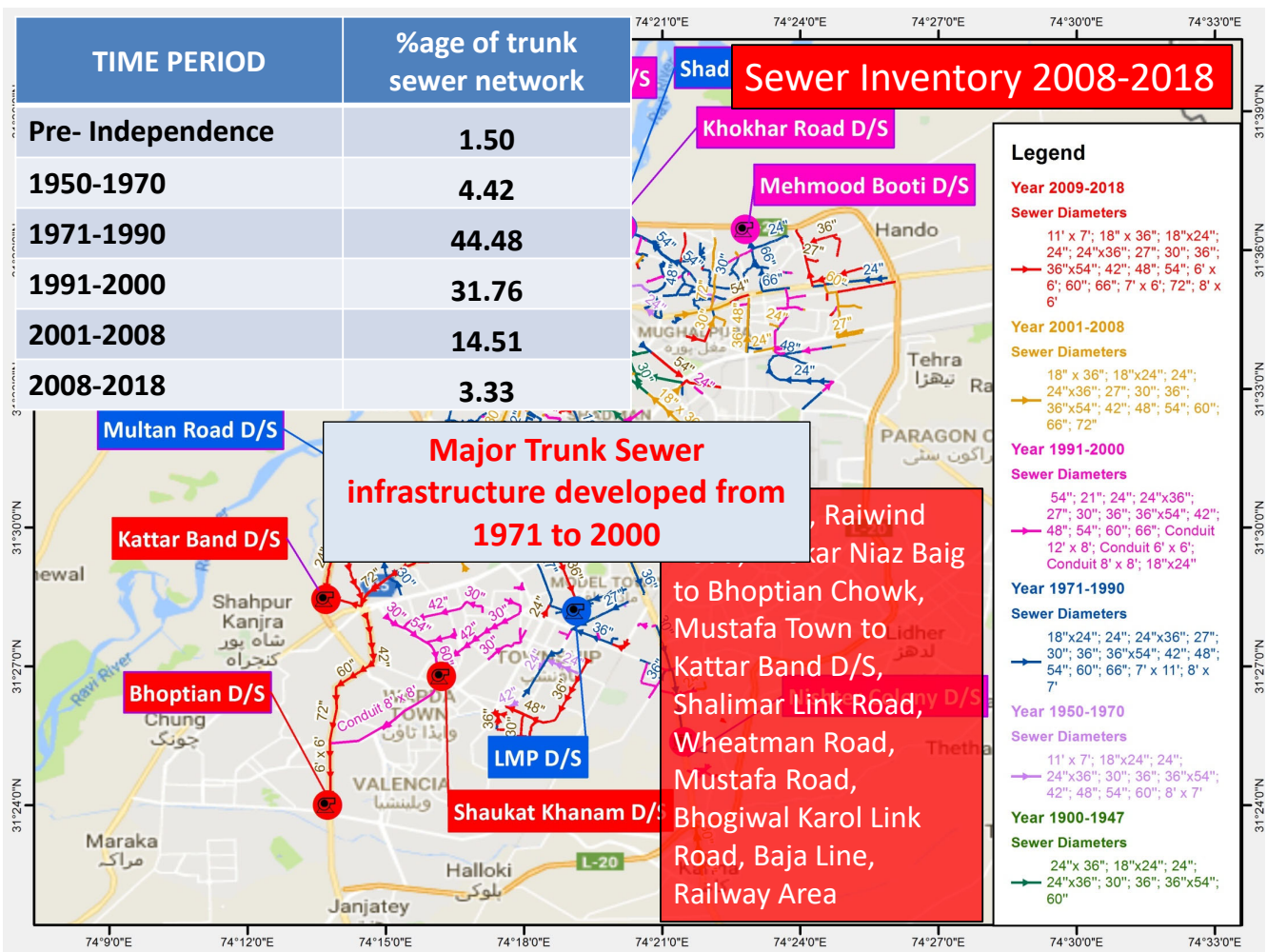
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EXISTING SEWERAGE SYSTEM
INVENTORY









EXISTING SCENARIO

- Rapid expansion, urbanization, population sprawl and trans-migration is putting stress on sewerage network of the city.
- To meet the growing housing and commercial needs, vertical development is being encouraged.
- Most of the vertical development is happening/expected in South Lahore (*Johar Town, Gulberg, Garden Town, Faisal Town and Allama Iqbal Town*) and Central Lahore.
- Without up-gradation of sewerage system, the existing infrastructure cannot cater vertical development. ◆

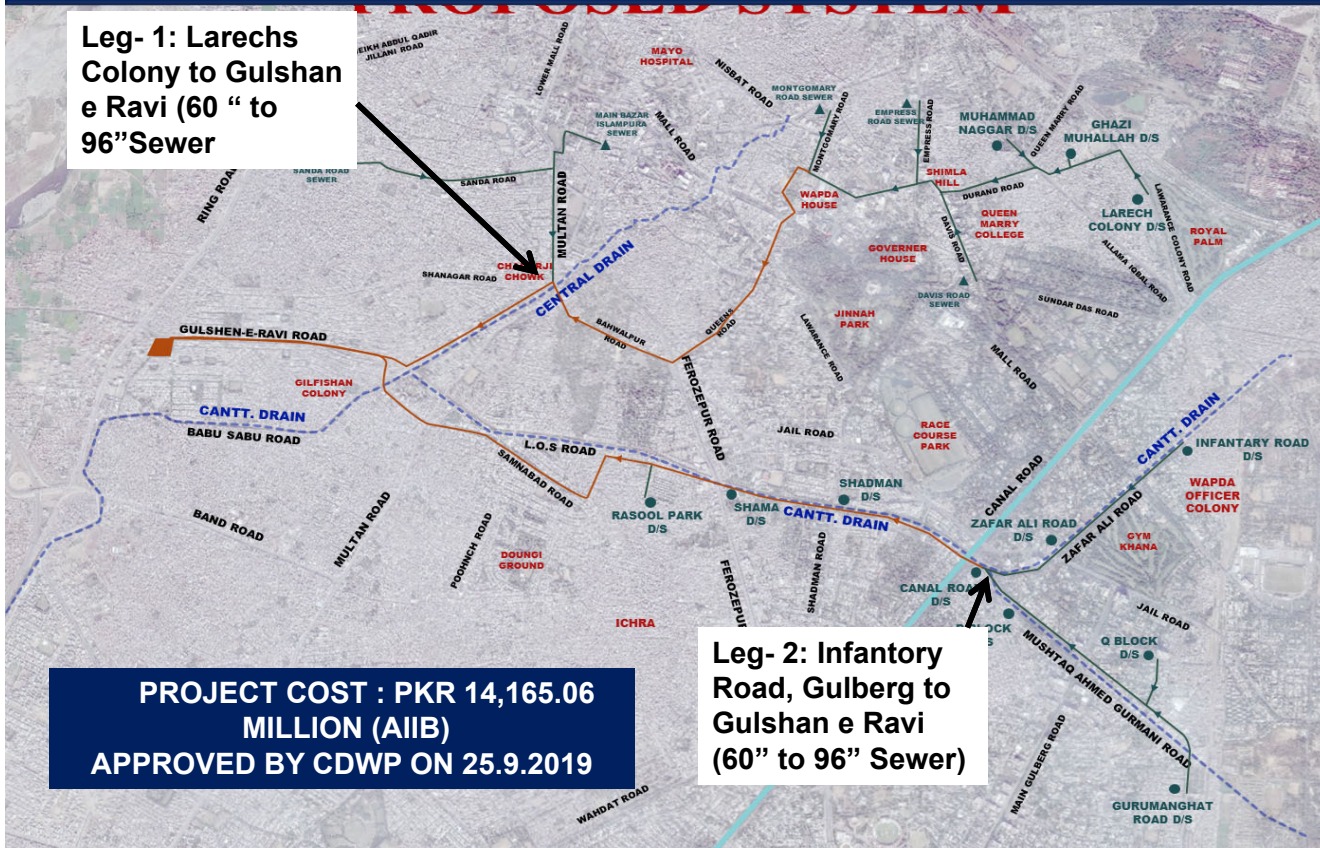
Previous Master Plans/ Studies of WASA, Lahore

Sr. No.	Title of Study	Year	Conducted by
1.	Lahore Master Plan for water supply, sewerage & drainage system	1975	CDM
2.	Integrated Master Plan for Lahore (Ch:23)	2002	NESPAK
3.	Master plan for improvement of sewerage and drainage system of central zone, Lahore	2005	NESPAK
4.	Preparation of comprehensive sewerage and drainage scheme for south Lahore	2012	NESPAK
5.	Preparation of comprehensive sewerage and drainage scheme for Allama Iqbal Town and adjoining areas	2013	NESPAK
6.	The preparatory study on Lahore water supply, sewerage and drainage improvement project (Central Lahore)	2010	JICA, NJS & CTI.
Master Plan of WASA, Lahore (2018-2040)			
	Lahore Master Plan for water supply, sewerage & drainage system (Planning Horizon: 2040)	2018	MMP / MM.UK

WAY FORWARD

SEWERAGE SYSTEM FROM LARECHS COLONY TO GULSHAN-E-RAVI THROUGH TBM (CENTRAL LAHORE)

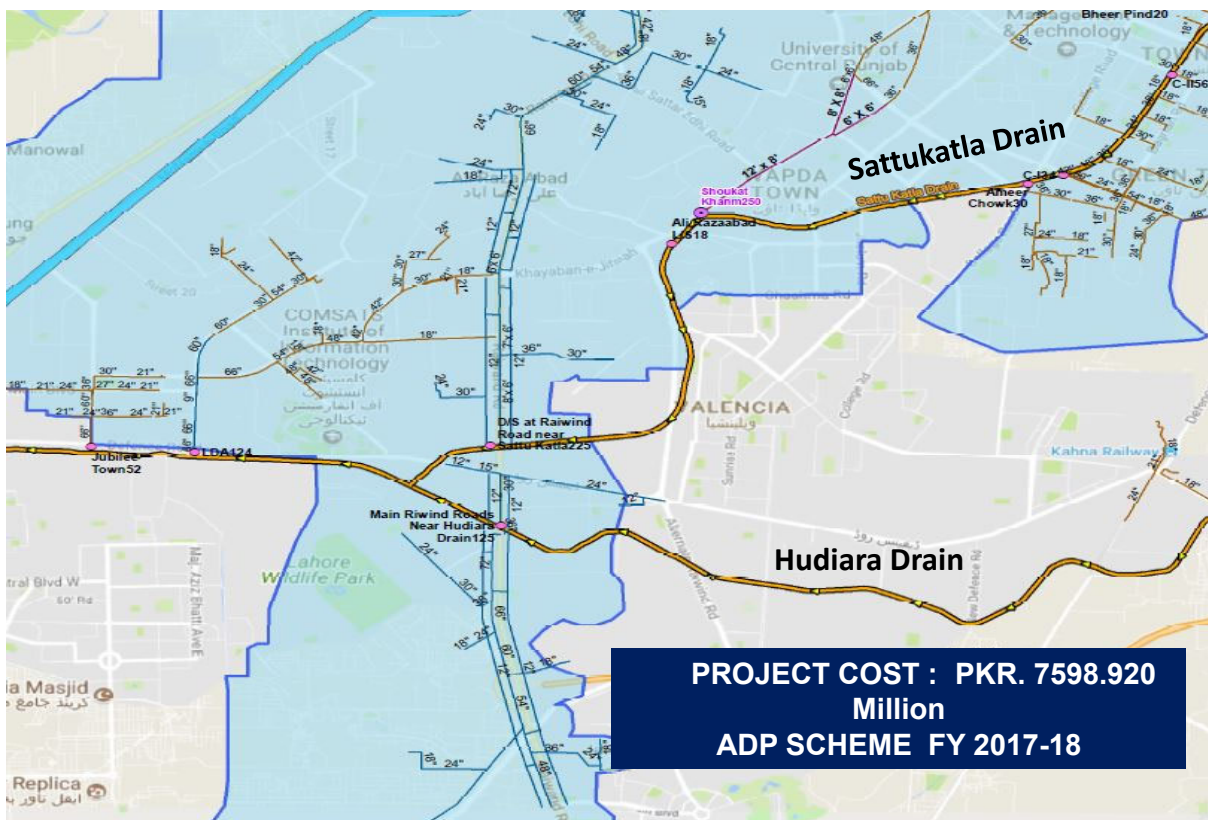
Leg-1: Larechs Colony to Gulshan e Ravi (60" to 96" Sewer)



**PROJECT COST : PKR 14,165.06 MILLION (AIIB)
APPROVED BY CDWP ON 25.9.2019**

Leg-2: Infantry Road, Gulberg to Gulshan e Ravi (60" to 96" Sewer)

SEWERAGE SYSTEM FOR JOHAR TOWN AREAS (SOUTH LAHORE) ALREADY COMPLETED

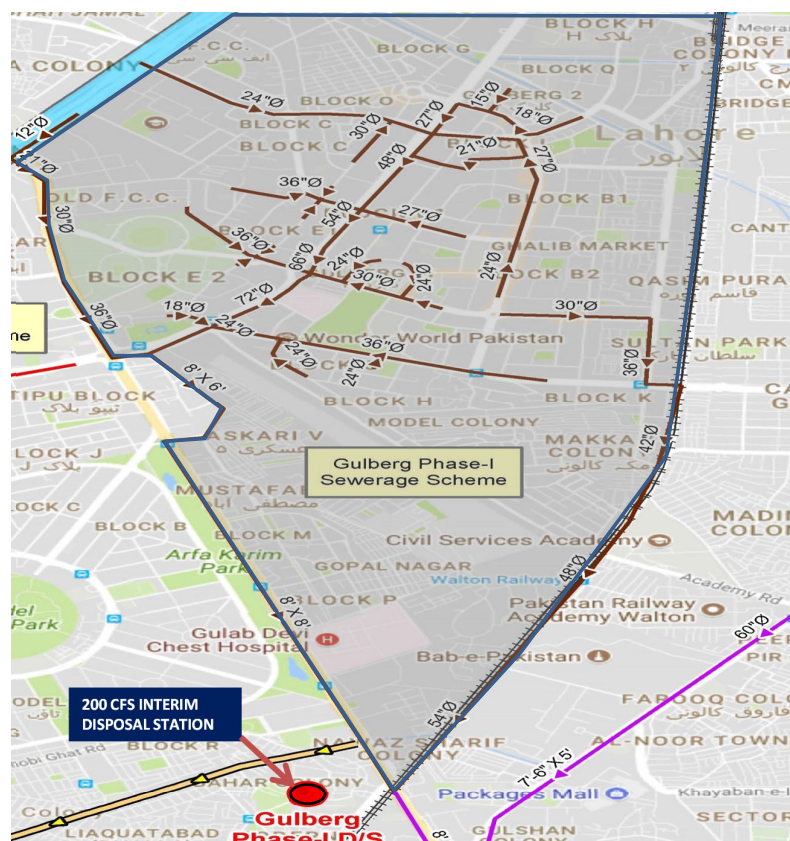


**PROJECT COST : PKR. 7598.920 Million
ADP SCHEME FY 2017-18**

SEWERAGE IMPROVEMENT PLAN OF GULBERG AREA

- Trunk sewer of size varying from 12" i/d to 72" i/d along Main Boulevard Gulberg.
- Conduit sewer of size varying from 8' x 6' to 8' x 8' along Ferozepur road upto Proposed temporary Disposal station (200 CFS) near IT Tower (**Short Term Plan, Phase-I**)
- Entire sewage flow will be by-passed through a proposed conduit sewer of 22' x 8' upto proposed Disposal station (2000 CFS) to be installed in Land (237 kanal) Already in possession of WASA near Lahore Ring Road (**Long Term Plan, Phase-II**)
- **Beneficiary Roads:** Main Boulevard Gulberg, M.M Alam Road, Hali Road Gulberg, Stadium road (Sharah-e-Noor Jehan), Road behind Liberty Market, Main Market Road (shezan, Auriga), Chen one Road, College Road Gulberg, Firdous Market Road, Link M.M Alam Road, Gurumangat Road, Gulberg Road, Zafar Ali Road
- **Estimated Cost: [PKR 4768.44 Million](#)**

SEWERAGE IMPROVEMENT PLAN OF GULBERG AREA



SEWERAGE IMPROVEMENT PLAN OF GARDEN TOWN & FAISAL TOWN

- Trunk sewer of size varying from 24" i/d to 72" i/d passing through Garden Town and Faisal Town Areas.
- Conduit sewer of size varying from 10' x 8' and 11' x 10' including temporary augmentation of existing Sattukatla disposal station upto 400 CFS from existing capacity of 50 CFS. **(Short Term Plan, Phase-I)**
- Entire sewage flow will be by-passed through a proposed conduit sewer of 22' x 8' upto proposed Disposal station (2000 CFS) to be installed in Land (237 kanal) Already in possession of WASA near Lahore Ring Road. **(Long Term Plan, Phase-II)**
- **Beneficiary Roads:** Civic center road, Usmani Road , Main Boulevard Garden Town, Sher Shah Road, Model Town Link Road, Masood Farooqi Road, Captain Salman Sarwar Road, Abdul Hassan Asfahani Road, Moulana Shoukat Ali Road, shabbir Usmani road, Al- Madina Road, Hamdard Road, Qazi Esa road, Campus bridge road
- **Estimated Cost: [PKR 2,954.31 Million](#)**

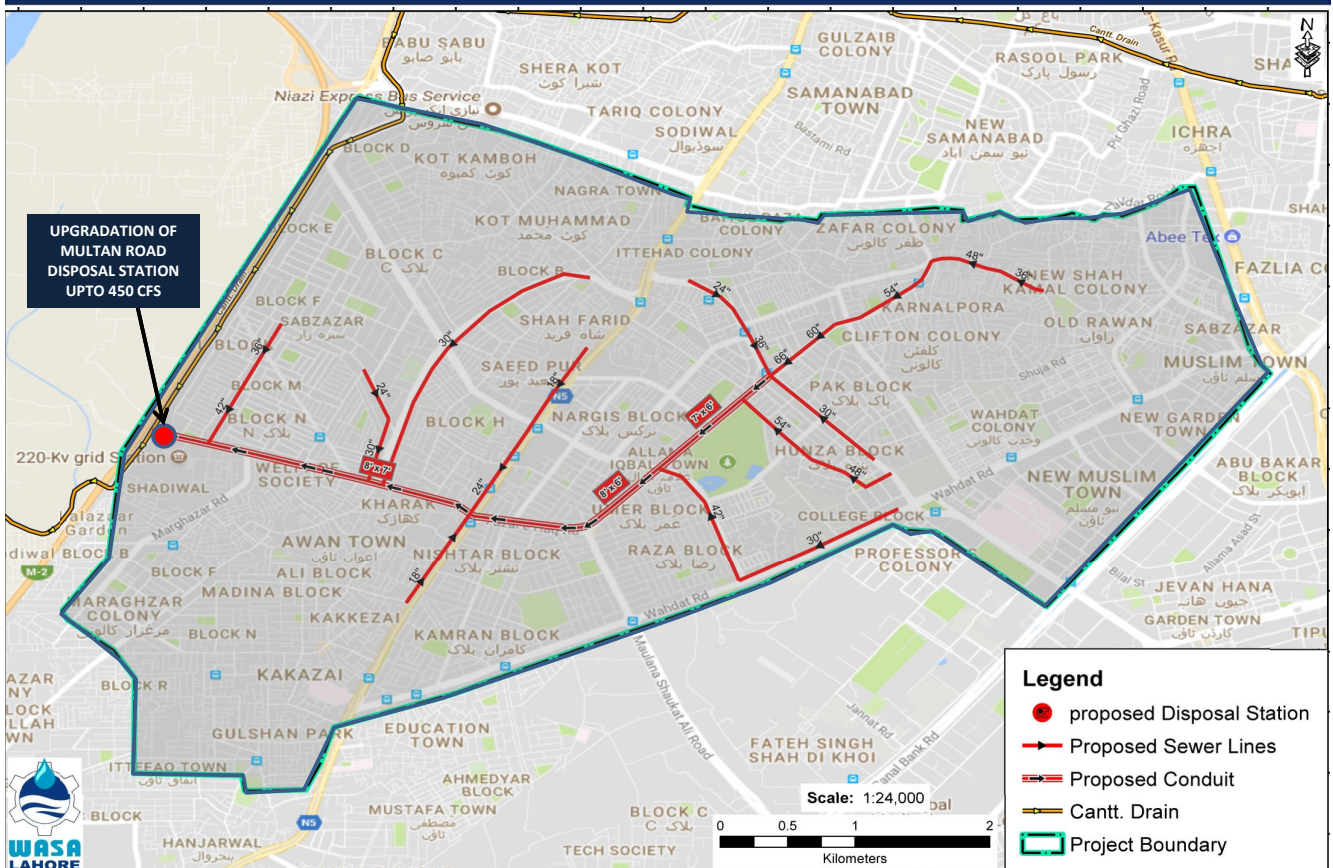
SEWERAGE IMPROVEMENT PLAN OF GARDEN TOWN & FAISAL TOWN



SEWERAGE IMPROVEMENT PLAN OF ALLAMA IQBAL TOWN

- Trunk sewer of size from 24" inch to conduit sewer of 8'x7' feet along the Molvi Fazal Haq Road.
- Upgradation of Disposal station upto 450CFS capacity from current capacity of 240 CFS.
- **Beneficiary Roads:** Molvi Fazal-e-Haq Road, Hafeez Talib Road, Main Boulevard Allama Iqbal Town, Moulana Hasrat Mohani Road, Noor-ul-Amin Road, Wahdat Road, Main Boulevard Sabzazar scheme
- **Estimated Cost: PKR 3,713.65 Million**

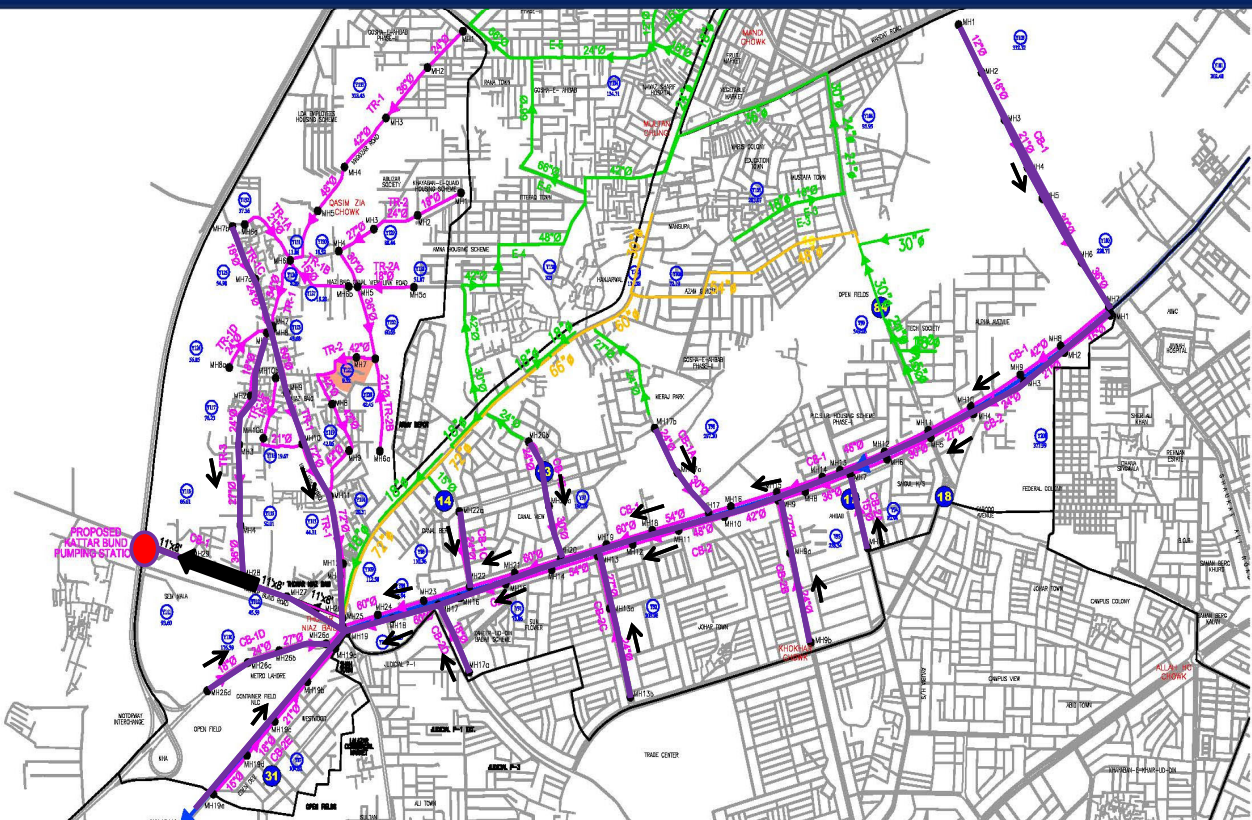
SEWERAGE IMPROVEMENT PLAN OF ALLAMA IQBAL TOWN



SEWERAGE IMPROVEMENT PLAN FOR AREA FROM JINNAH HOSPITAL TO THOKAR NIAZ BAIG AND THOKAR NIAZ BAIG TO KATTAR BUND

- A trunk sewer of size varying from 12" i/d to 60" i/d from Jinnah Hospital to Thokar Niaz Baig on both sides of Lahore branch canal.
- Augmentation/ Upgradation of Existing Disposal station upto 250CFs from existing capacity of 150 CFS.
- **Beneficiary Areas & Roads:** Canal Bank Road from Jinnah Hospital to Thokar Niaz Baig, Multan Road, Roads falling in Johar Town, Canal View, Federal colony, Canal Berg, Zaheer-ud-Din Baber colony, Khokar Chowk, Saigal , Eden Villas and canal bank road housing schemes etc.
- **Estimated Cost: PKR 1,869.36 Million**

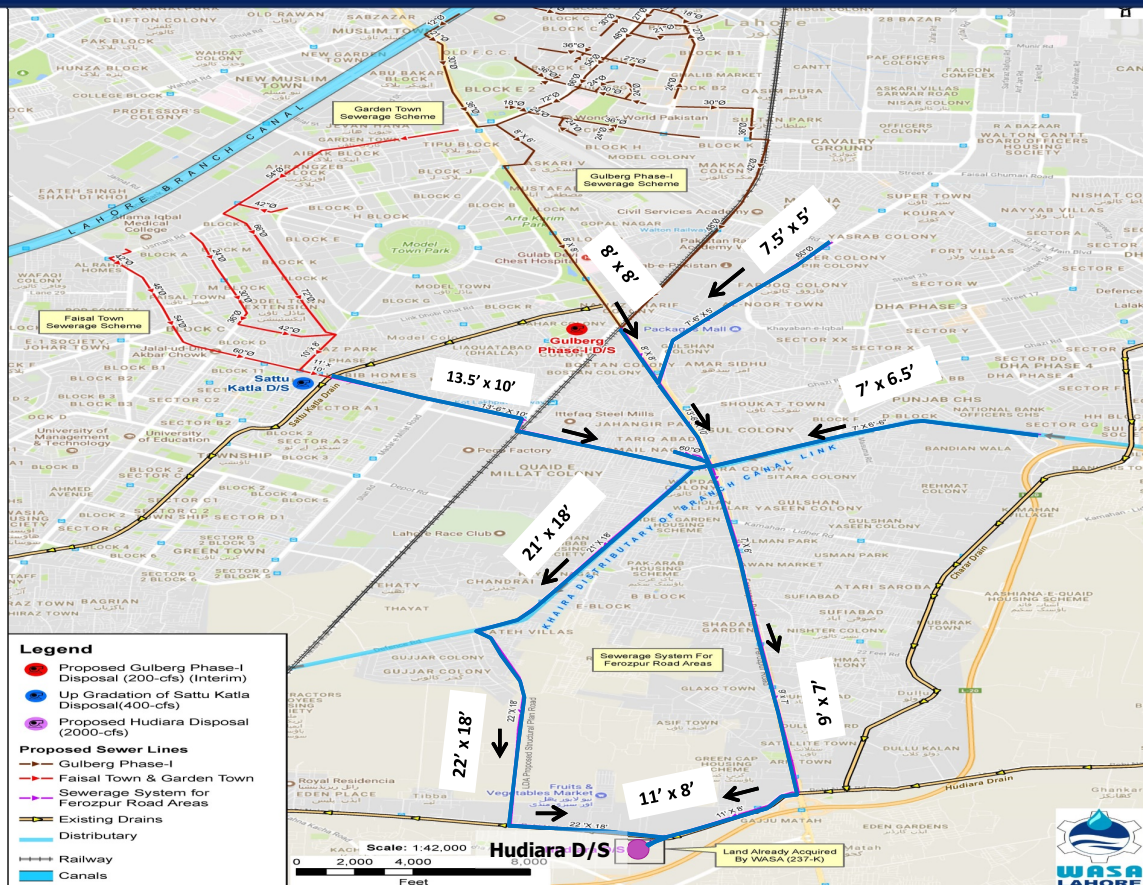
SEWERAGE IMPROVEMENT PLAN FROM JINNAH HOSPITAL TO THOKAR NIAZ BAIG AND THOKAR NIAZ BAIG TO KATTAR BUND



SEWERAGE IMPROVEMENT PLAN OF FEROPZEPUR ROAD AREAS

- Conduit sewers of sizes 8' x 8', from Gulberg, 7.5' x 5' from walton, 13.5' x 10' from Faisal Town & Garden Town and 7' x 6.5' from DHA and adjoining areas will ultimately take Sewage flows to proposed conduits of size 22'x 18' and 11' x 8' along SPR and Ferozepur road respectively.
- Disposal station with an estimated capacity of 2000 CFS has also been proposed in land (237 kanal) already in possession of WASA near Lahore Ring Road for disposing of all the sewage into Hudiara Drain after treatment.
- Beneficiary Areas:** Areas including Gulberg, Garden Town, Faisal Town, Model Town, Township, Walton Cantt, Defence Housing Authority (DHA) and abadies bounded between Charrar Drain, Ferozepur road and Railway line.
- Estimated Cost: [PKR 18,527.54 Million](#)**

SEWERAGE IMPROVEMENT PLAN OF FEROPZEPUR ROAD AREAS



**SEWERAGE IMPROVEMENT PLAN OF WASA
(ABSTRACT OF COST)**

S.No	Name of Scheme	Estimated Cost (PKR in Millions)
1.	Improvement of sewerage system for Gulberg areas (Phase-I)	4768.44
2.	Improvement of sewerage system for Faisal town and Garden town areas (Phase-I)	2954.31
3.	Improvement of sewerage system on both sides of Lahore Branch Canal from Jinnah hospital to Thokar Niaz baig and Thokar Niaz baig to Kattar band.	1869.36
4.	Improvement of sewerage system for Allama Iqbal town areas	3713.65
Sub Total		13,305.76
5.	Improvement of sewerage system for Ferozpur road areas (Phase-II)	18,527.54
Grand Total		31,833.3

DECISION REQUIRED

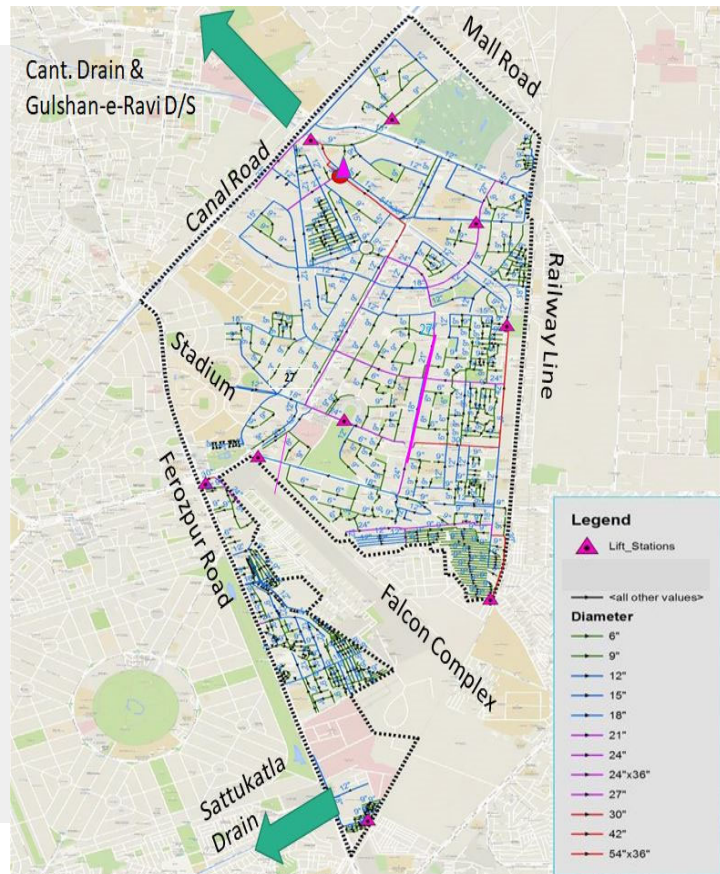
Decision Required

- Allocation of Funds to WASA for Phase wise Implementation of Sewer Projects.
- Approval of the Project(s) by Competent Fora.
- Allocation of 4 Kanals of F&V Fruit Market retrieved land near Arfa Karim Tower for construction of Disposal Station
- **IMPLEMENTATION PERIOD**
30 Months (approx.)

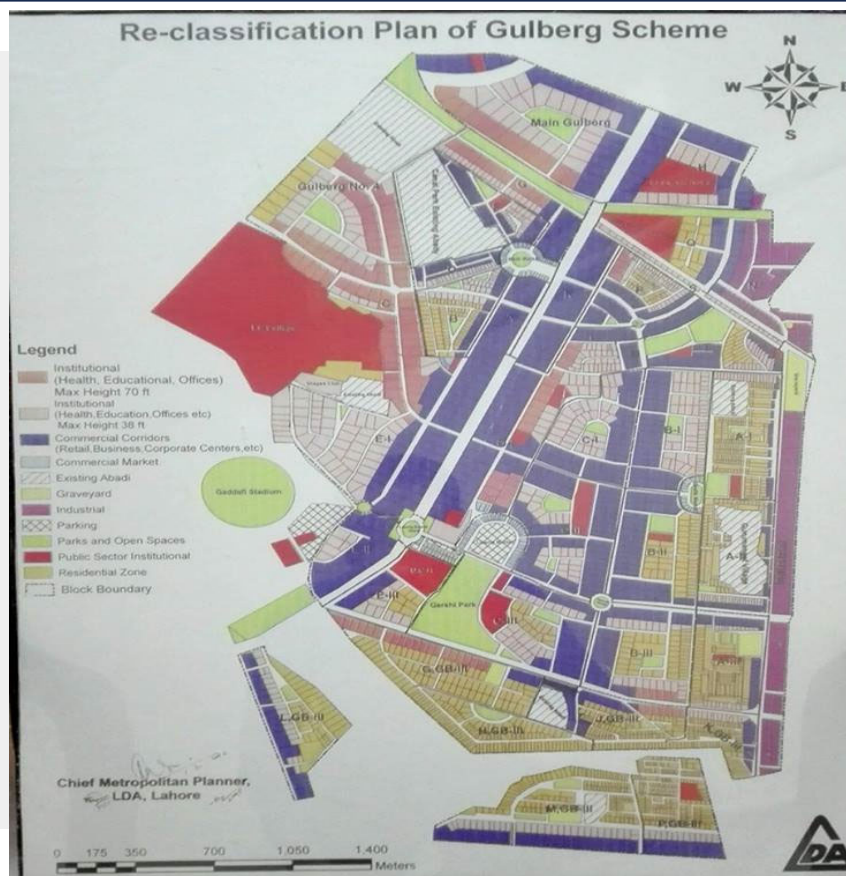
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EXISTING SEWERAGE SYSTEM OF GULBERG

- Sewerage system of Gulberg Project area was laid in 1950's.
- Sewerage system consists of circular sewer of size 6" Dia. to 36" x 54" egg shaped sewer.
- WASA at present, has constructed ten Intermediate Lift Stations to dispose off sewage & storm water from area into three outfall locations i.e.
 - Cantonment Drain
 - Gulshan-e-Ravi Disposal Station
 - Sattukatla Drain
- LDA started commercialization of major roads in Lahore including Gulberg since 1993. The re-classification plan of Gulberg was notified in 2012.
- Main Roads of Gulberg including Main Boulevard Road, MM Alam Road, Hali Road, Ferozpur Road, Gurumangat Road, Ghalib Road, Ali Zaib Road, Qaddafi Road have already been declared commercialized.
- Due to commercialization activities existing old sewerage system has become inadequate to withstand increasing sewage flows.

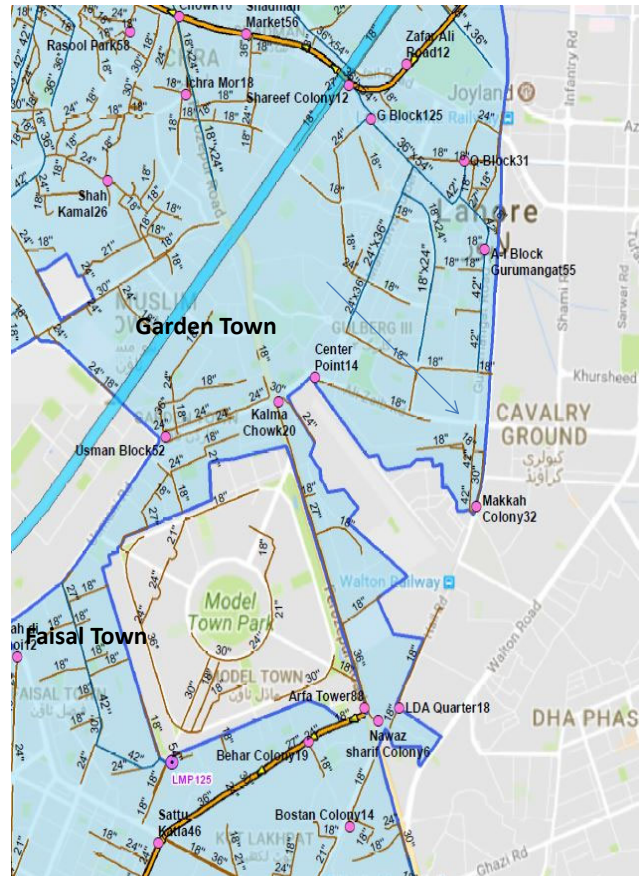


RE-CLASSIFIED MAP OF GULBERG SCHEME

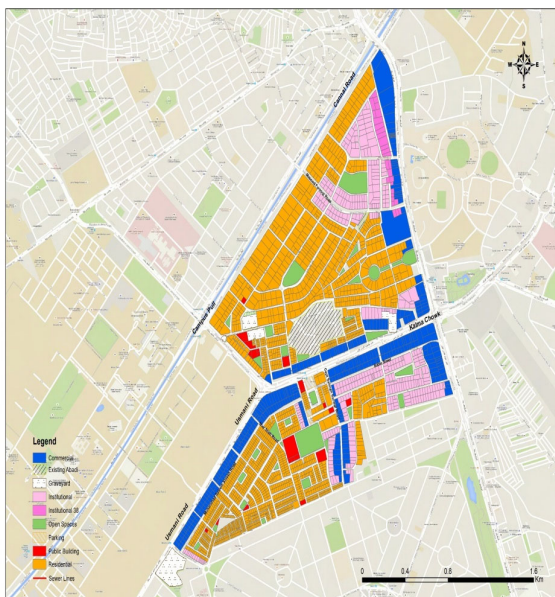


EXISTING SEWERAGE SYSTEM OF GARDEN TOWN & FAISAL TOWN

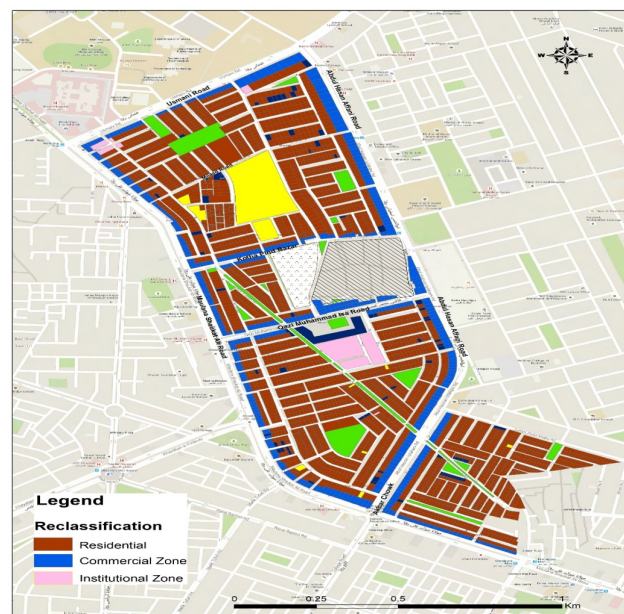
- Sewerage system of New Garden Town and Faisal Town Project area was laid in 1980's.
- Sewerage system consists of circular sewer of size 9" Dia. to 54" sewer lines.
- WASA at present, has constructed intermediate lift stations at Usman Block and LMP Block to dispose off the sewerage system of the areas into existing drains.
- LDA has started commercialization activities in Garden Town, Faisal Town areas for which commercialization plans have already been formulated. Roads including Usmani Road, Main Boulevard Garden Town, Sher Shah Road, Masood Farooqi Road, Captain Salman Sarwar Road, Ferozpur Road have been declared commercialized.
- Due to commercialization activities existing old sewerage system has become inadequate to withstand amplified sewage flows.



RE-CLASSIFIED MAP OF GARDEN TOWN & FAISAL TOWN SCHEME



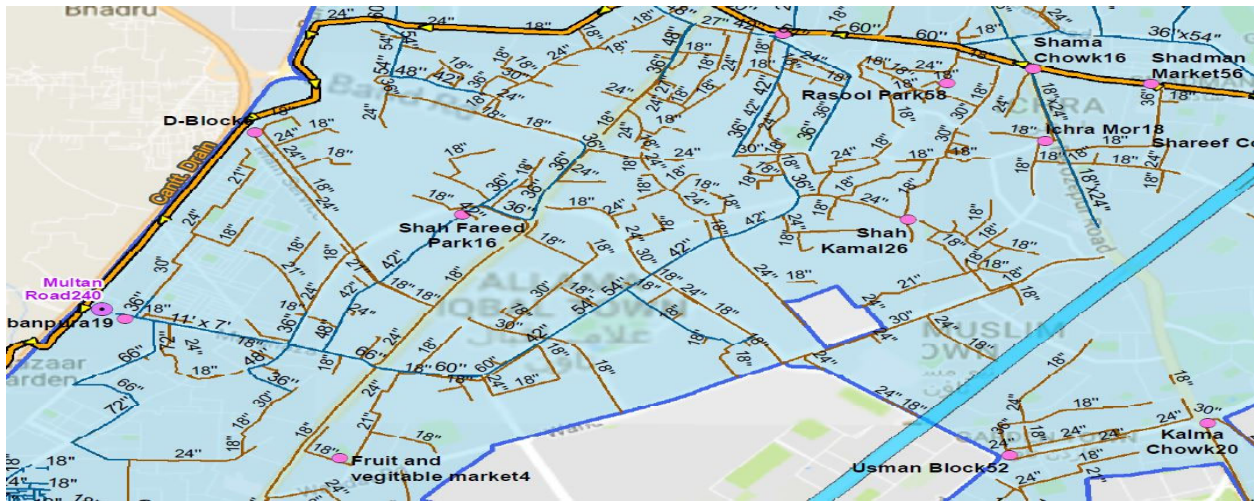
GARDEN TOWN



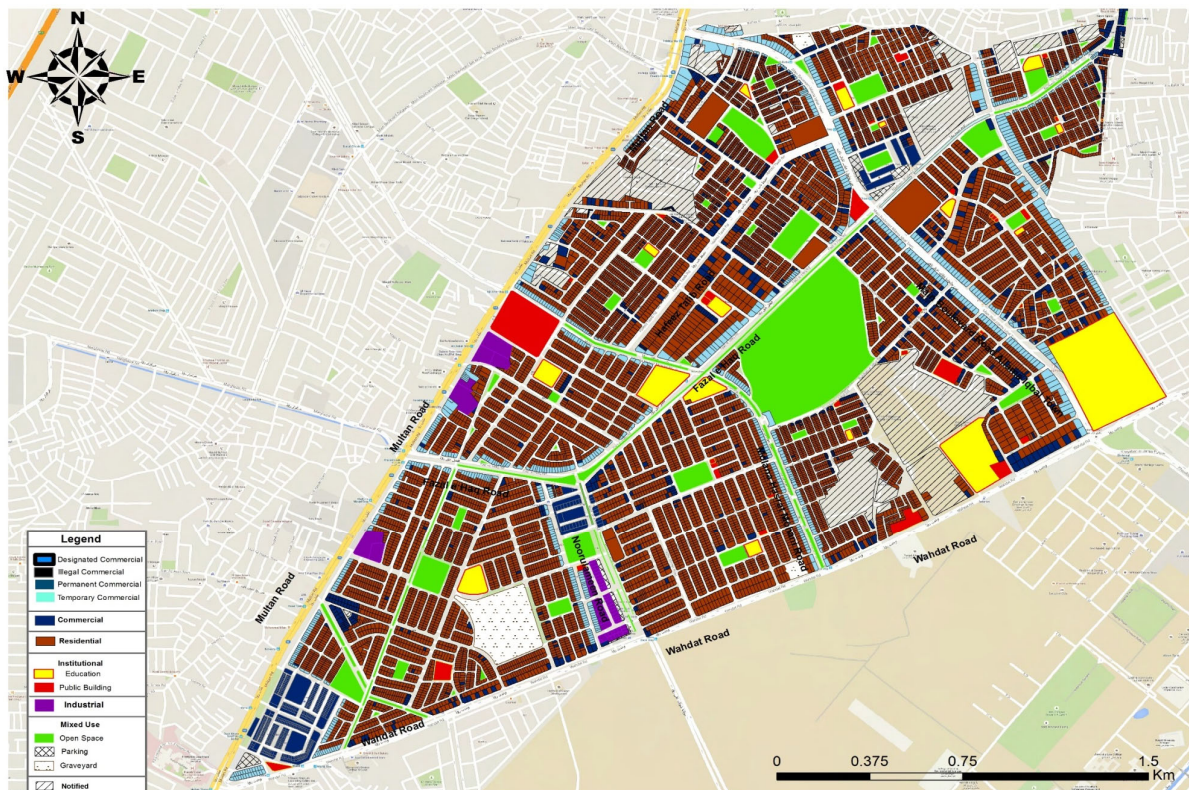
FAISAL TOWN

EXISTING SEWERAGE SYSTEM OF ALLAMA IQBAL TOWN

- Sewerage system of Allama Iqbal Town Project area (1,700 acres) was laid in 1980's.
- Sewerage system consists of circular sewer of size 9" Dia. to 8'x7' conduit sewer.
- WASA at present, has constructed an Intermediate Lift Stations to dispose off sewage & storm water from area into Cantonment Drain through Multan Road Disposal station (240 cusec) and existing AIT Drain.
- Main Roads of AIT including Molvi Fazal-e-Haq Road, Hafeez Talib Road, Main Boulevard Allama Iqbal Town, Moulana Hasrat Mohani road, Noor-ul-Amin Road have been declared commercialized.
- Due to commercialization activities and being old/inadequate system, the current system has become incapable to withstand amplified sewage flows.

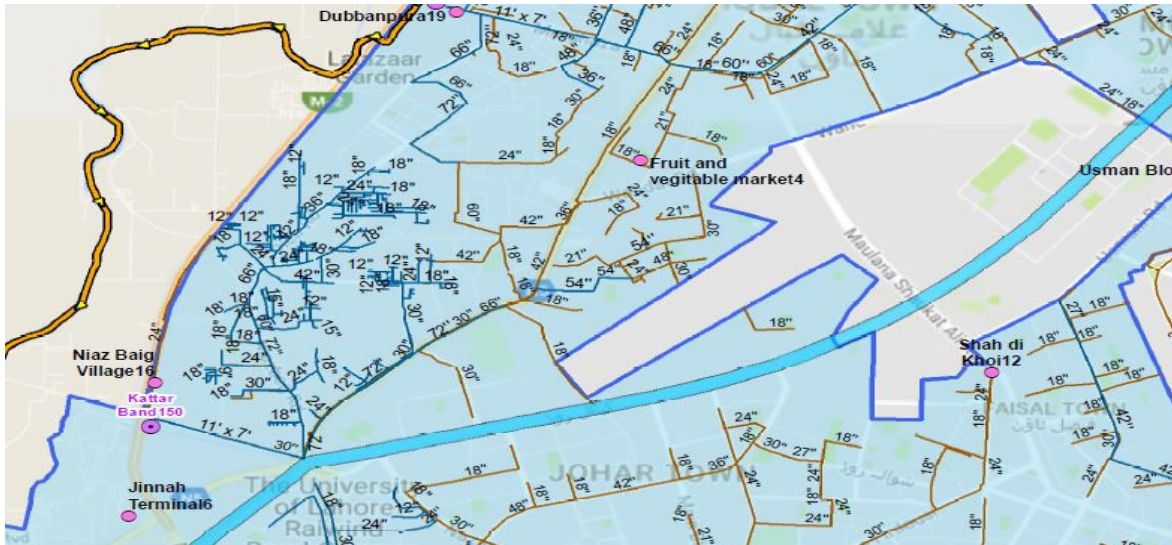


RE-CLASSIFIED MAP OF ALLAMA IQBAL TOWN SCHEME



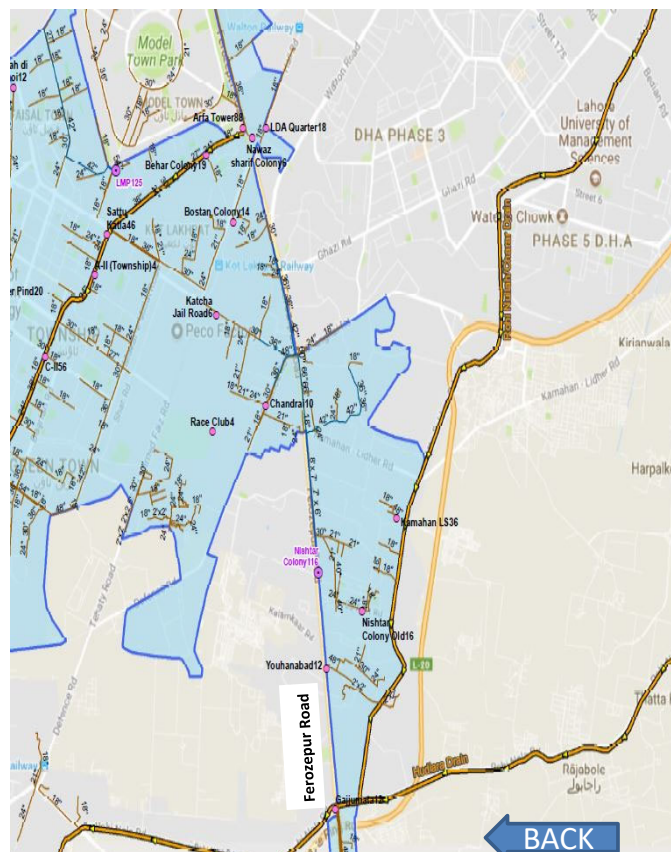
EXISTING SEWERAGE SYSTEM FROM JINNAH HOSPITAL TO THOKAR NIAZ BAIG AND THOKAR NIAZ BAIG TO KATTAR BUND

- Current no trunk sewerage system exists for the areas/housing schemes located along LBC form Jinnah hospital to Thokar Niaz Biag.
- In year 2014, trunk sewer of size varying from 48"i/d to 72" i/d from Mustafa Town to Thokar Niaz Baig and conduit sewer of 11' x 7' was laid from Thokar Niaz Baig to Kattar Bund Disposal station in Multan Road project of WASA.
- Existing Disposal station of Multan Road (150 CFS) was also installed in Multan road Project, which would require augmentation in future.



EXISTING SEWERAGE SYSTEM OF FEROZEPUR ROAD AREAS

- Sewerage system of Gulberg Town, Garden Town and Faisal Town areas will finally be catered by proposed sewerage system along Ferozpur road areas
- Existing sewer of 7'x 6' along Ferozpur road is un-sufficient to cater incoming sewage flows from walton cantt, Gulberg and Defence areas.
- After the construction of MBS, installation of conduit sewer along the Ferozpur road has become difficult.
- WASA Lahore prepared Master Plan for Ferozpur road areas in 2018 and WCB prepared master plan for sewerage system of walton cantt areas in 2013. Almost entire of the sewage flow is proposed to be accommodated in Trunk sewer along proposed LDA structural Plan Road.





Volume – I

Final Master Plan Report - Water Supply

**Preparation of Master Plan
for Water Supply, Sewerage
and Drainage System for
Lahore 2040**

(Appendices)

June 2018

MMP

MM Pakistan (Pvt) Ltd.

in Association with



Preparation of Master Plan for Water Supply, Sewerage and Drainage System for Lahore 2040

Volume - II Final Master Plan Report - Water Supply Appendices

June 2018

MM Pakistan (Pvt.) Ltd.

2nd Floor, CTI Building,
27-Empress Road Lahore

☎ 042-36300440, 36300460
36363234, 36292525-7

☎ 042-36292528, 36360267

✉ wasalahore.masterplan@mmpakistan.com

🌐 <http://www.mmpakistan.com>

Issue and Revision Record

Rev	Date	Originator	Checked	Approved	Description
00	June, 2018	Khalid Khan	Gauhar Rehman	Tariq Mahmood	

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Water and Sanitation Agency, WASA,
Government of Punjab



Preparation of Master Plan for Water Supply, Sewerage and Drainage System for Lahore

Volume – II

Final Master Plan Report – Sewerage

Main Volume

June 2018



Preparation of Master Plan for Water Supply, Sewerage and Drainage System for Lahore

Volume - II Final Master Planning Report Sewerage System Main Volume

June 2018

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36363234, 36292525-7

☎ 042-36292528, 36360267

✉ wasalahore.masterplan@mmpakistan.com

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Preparation of Master Plan for Water Supply, Sewerage and Drainage System for Lahore

Volume - II

Final Master Plan Report – Sewerage

Appendices

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Volume - II

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**Preparation of Master Plan
for Water Supply, Sewerage
and Drainage System for
Lahore**

Volume - III

Final Master Plan Report - Drainage

Main Volume

June 2018



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Volume - III Final Master Planning Report - Drainage

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Preparation of Master Plan for Water Supply, Sewerage and Drainage System for Lahore

Volume III

Final Master Plan Report – Drainage

(Appendices)

June 2018

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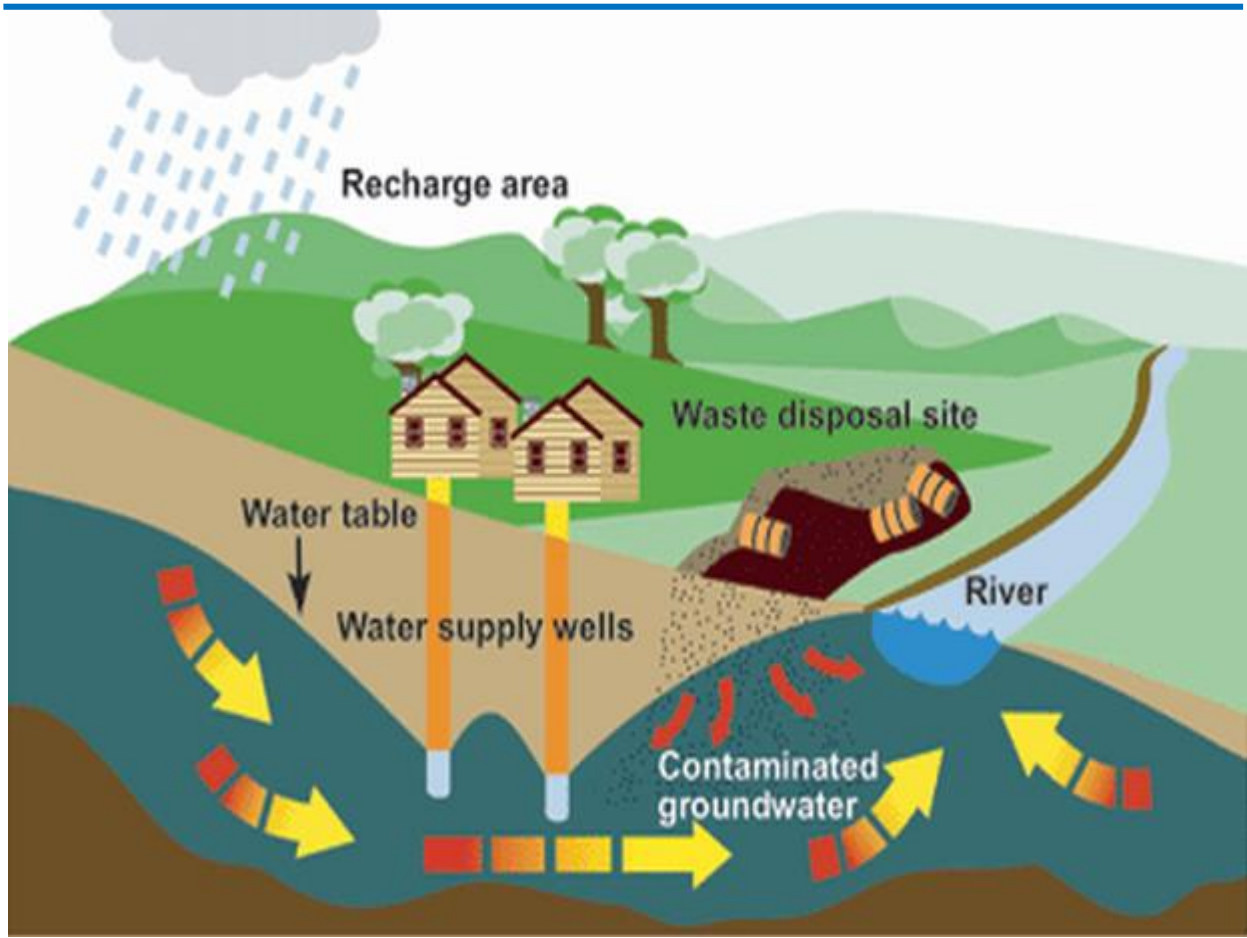
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Preparation of Master Planning for Water Supply, Sewerage and Drainage System for Lahore

Volume IV

Final Master Plan Report - Ground Water

June 2018

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In the name of Allah, the Beneficent, the Merciful

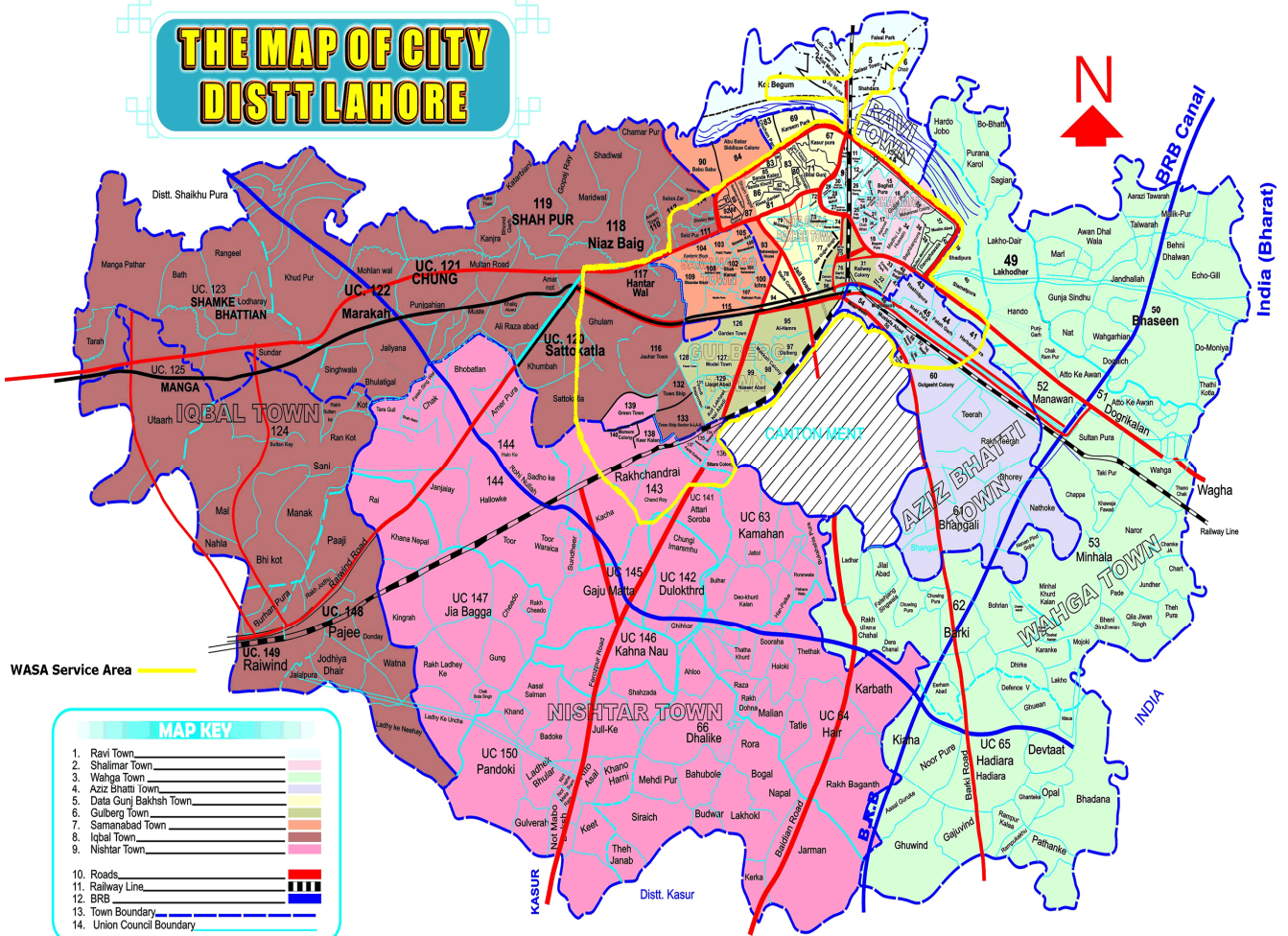
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CITY DISTRICT GOVERNMENT LAHORE

**PREPARATION OF MONSOON
2011**

WASA LAHORE

THE MAP OF CITY DISTT LAHORE



WASA EXISTING SEWERAGE AND DRAINAGE SYSTEMS

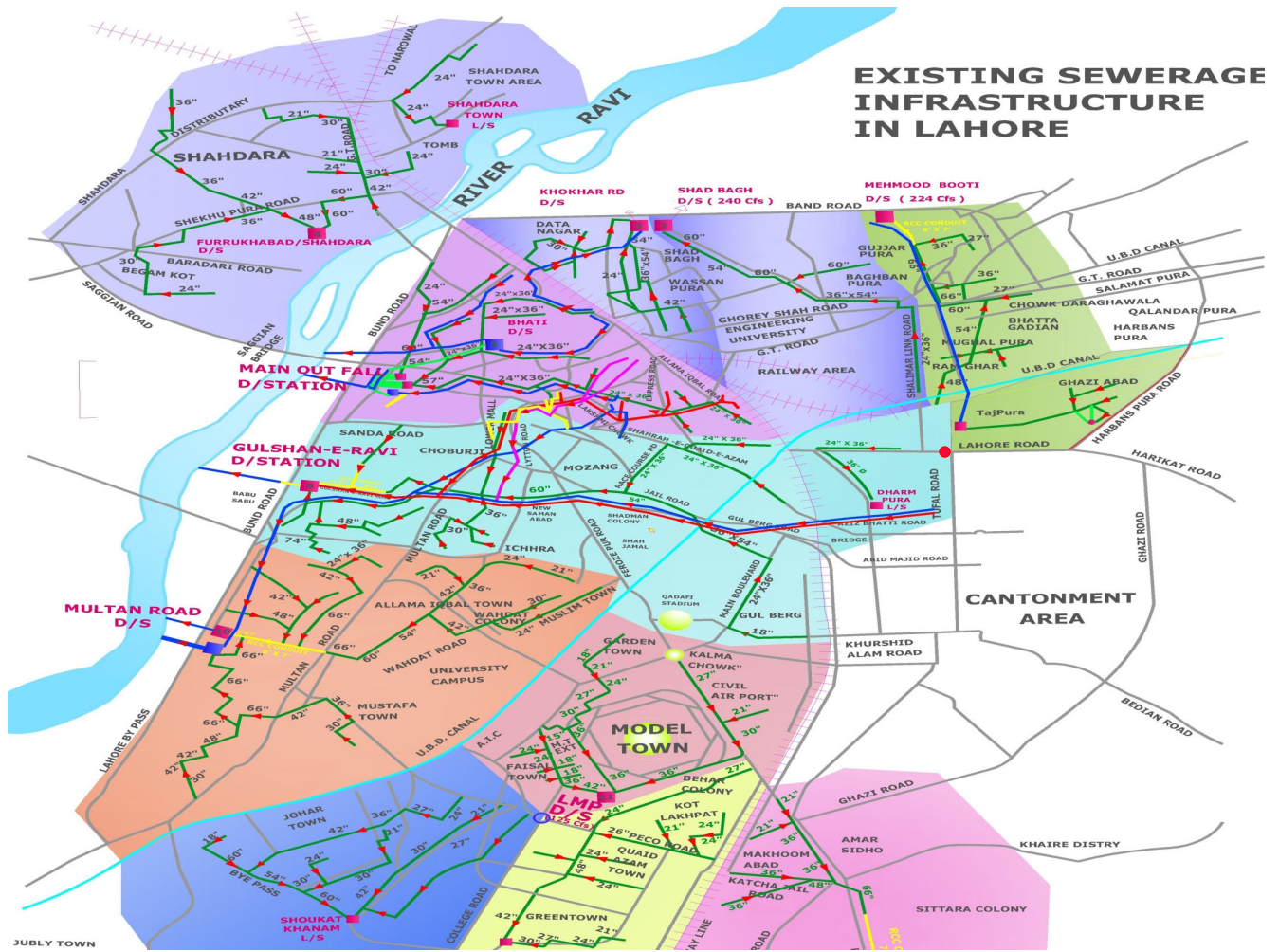
Sewerage System

i) System

➤	Trunk Sewer	18" to 72" dia	= 874 Km
➤	Lateral Sewer	9" to 15" dia	= 4040 Km
	Total:		= 4904 Km

ii) Ultimate Disposal

➤	Major Disposal Stations (Pumping Capacity 2299 Cusecs)	=	12
➤	Lift Stations (Pumping Capacity = 826 Cusecs)	=	80
➤	Gated Drainage Stations (Pumping Capacity 663 Cusecs)	=	04
➤	Total Pumping Capacity	=	3788 Cusec



Drainage

A) Primary Drains

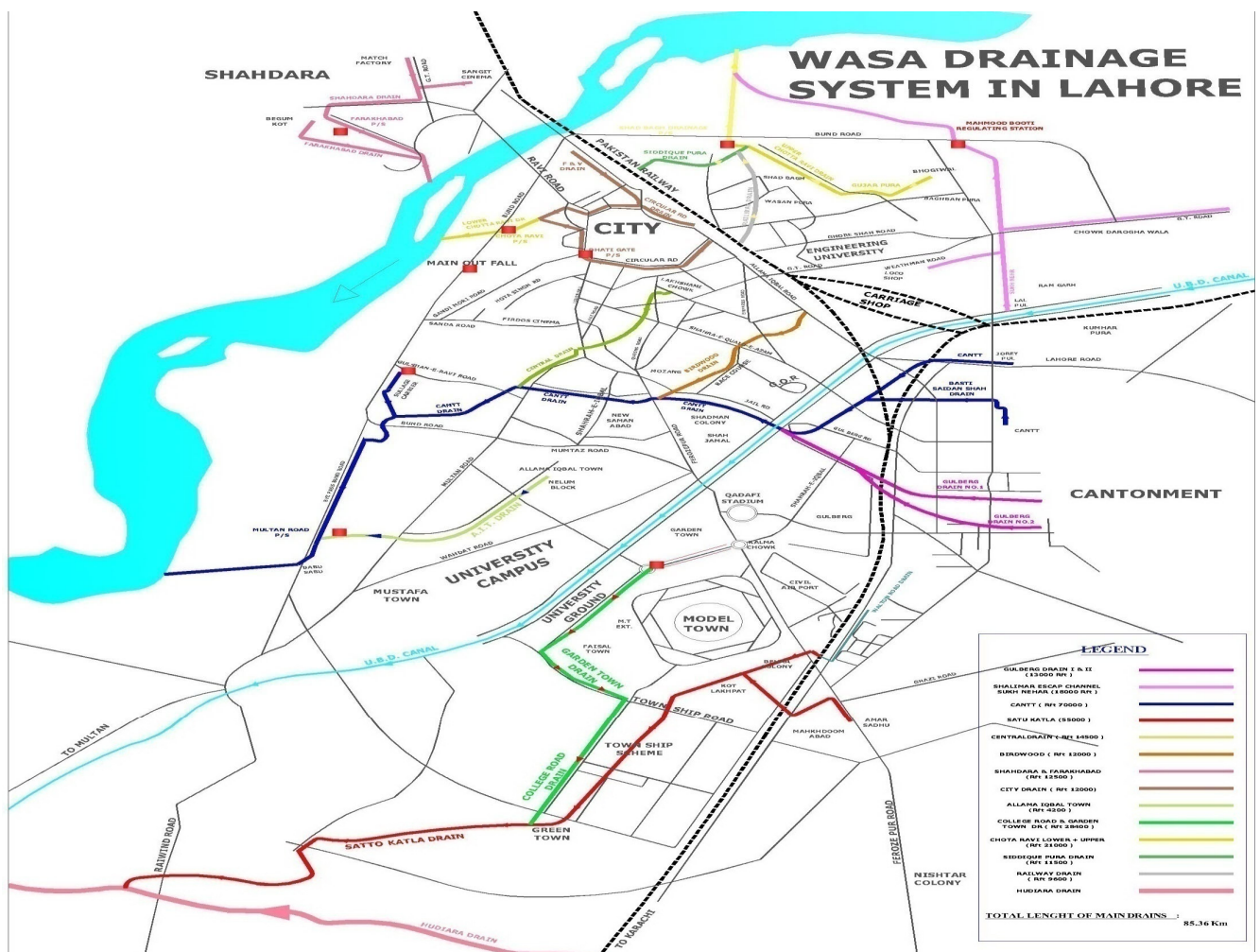
- i) Total Nos. of drains = 06
- ii) Total Length of drains (Km) = 55.7

B) Secondary Drains

- i) Total Nos. of drains = 10
- ii) Total Length of drains (Km) = 30.84

C) Road side Drains

- i) Total Nos. of drains = 209
- ii) Total Length of drains (Km) = 301



CHALLENGES POST MONSOON- 2008

1. SORE POINTS / PONDING LOCATIONS
2. CROWN FAILURES OF EXISTING TRUNK SEWERS
3. INSUFFICIENT ROAD DRAINAGE SYSTEM
4. OUTLIVED MACHINERY OF DISPOSAL STATIONS
5. LOAD SHEDDING
6. INSUFFICIENT MOBILE MACHINERY
7. INSUFFICIENT TRAINED/SKILLED STAFF
8. LOW LEVEL BRIDGES / CULVERTS OF EXISTING PRIMARY & SECONDARY DRAINS
9. BLOCKAGE OF SEWERAGE & DRAINAGE SYSTEMS DUE TO SOLID WASTE
10. NON AVAILABILITY OF DUMPING SITES OF SILT

ACHIEVEMENTS

❖ SORE POINTS / PONDING LOCATIONS

Survey by WASA to identify sore points in January 2009. 74-sore points were identified during the survey.

PC-I amounting to Rs. 1367.00 Million was prepared for 32 sore points.

29 sore points are now complete.

STATUS OF 74 NO SORE POINTS

Sr.NO	TOTAL NO. OF SORE POINTS	ATTENDED / AGAINST 1336.135 MILLION PACKAGE (2009-10)	ATTENDED / AGAINST 1068.00 MILLION & OTHER PACKAGES (2009-10)	TOTAL POINTS ATTENDED	REMAINING SORE POINTS
1	74	29	17	46	28

LIST OF 74 SORE POINTS WITH STATUS

Sr.No.	Critical Points	Status
<u>GUNJ BUKSH TOWN</u>		
1	Laxami Chowk	
2	GPO	Attended by Construction of GPO Drain
3	Kashmir Road	
4	Thorton Road	Attended by Construction of GPO Drain
5	Cooper Road	
6	Bashir Sons	Attended by Construction of GPO Drain
7	Rehman Gallian	
8	DO Moria Pul	Attended by desilting of abandoned drain
9	Lytton Road	
10	Plaza Cinema	
11	Nabha Road	
12	Church Road	
13	Mozang Chungi	Attended against 1336.135 Million package

14	Shadman/Shah Jamal	Attended against 1336.135 Million package
15	Waris Road	Attended against 1336.135 Million package
16	Galaxy Plaza	Attended against 1336.135 Million package
17	Park Lane Road	
18	Chauburji	Attended against 1336.135 Million package
19	Lake Road	Attended due to lyton road disposal scheme
20	PU Ground, HCC	Attended due to lyton road disposal scheme
21	Rewaz Garden	
22	Sanda Road	
23	Fazlia Colony	
24	SSP Office Main out fall Road	Attended by construction of gratings
25	Malik Park Bilal Gunj	
26	Nasir Park (Tonga Adda) Bilal Gunj	
27	Secondary Board	
28	Firdous Market	Attended against 1336.135 Million package
29	Central Point	

30	Garhi Shahu	
31	Muhammad Nagar	
32	Bibi Pak Daman	
33	Empress road	
34	Railway Station	
35	Hussain Chowk	Attended against 1336.135 Million package
36	L-Block Gulberg	
37	Mini Market Gulberg	
<u>RAVI TOWN</u>		
38	Do Moria Pul	Attended by desilting of abandoned drain
39	Rahim Road	Attended against 1336.135 Million package
40	Aziz Road	Attended against 1336.135 Million package
41	Umer Din Road	Attended against 1336.135 Million package
42	Chowk Na-Khuda	Attended against 1336.135 Million package
43	Shairanwala Gate	Attended against 1336.135 Million package
44	O/S Bhatti Gate	Attended against 1336.135 Million package
45	Main Road, Shahdara	Attended against 1336.135 Million package

46	Lajpat Road Shahdara	Attended by laying Sewer Line by NLC
47	Timber Market	
<u>SHALIMAR TOWN</u>		
48	Haq Nawaz Road	Attended by Laying of 72" Dia Sewer Line
49	Toheed Park	Attended against 1336.135 Million package
50	Milap Street	Attended against 1336.135 Million package
51	Angoori Cinema (Shalimar Link Rd.)	Attended against 1336.135 Million package
52	Polic Station (Mughalpura)	Attended against 1336.135 Million package
53	Shah Kamal Road	Attended against 1336.135 Million package
54	Yammi 36, Begum Pura	Attended against 1336.135 Million package
55	Baghechi Saithan	Attended against 1336.135 Million package
56	UET G.T. Road	Attended against 1336.135 Million package

<u>ALLAMA IQBAL TOWN</u>		
57	Scheme More (Samanabad Town)	Attended against 1068.00 Million package
58	Rachna Block Road (Samanabad Town)	Attended against 1336.135 Million package
59	Al-Hamad Colony (Samanabad Town)	Attended against 1068.00 Million package
60	Poonch Road (Samanabad Town)	against 1336.135 Million package
61	Millat Chowk (Samanabad Town)	Attended against 1336.135 Million package
62	H Block Sabzazar	
63	Multan Road Bhalla Stop (Samanabad Town)	attended during rehabilitation / reconstruction of Multan Road.
64	Sultan Ahmed Road Rehmanpura (Samanabad Town)	attended against 1336.135 Million package
65	Zaildar Road Ichhra (Samanabad Town)	attended against 1336.135 Million package
66	Chowk Yeteem Khana	
<u>AZIZ BHATTI TOWN</u>		
67	Infantry Road	Attended due to rehabilitation of Infantry Road.
68	Allama Iqbal Road Mustafabad	against 1068.00 Million package.
69	B-Block Tajpura	Attended against 1336.135 Million package

<u>NISHTAR TOWN</u>		
70	Kalma Chowk	Attended due to rehabilitation of Chowk
71	Barket Market	Attended against 1336.135 Million package
72	Tipu Block Garden Town	attended against 1068.00 Million package
73	Model Town Link Road	attended against 1068.00 Million package
74	Akbar Chowk	Eliminated after execution of road drainage scheme by TEPA

SOLUTION FOR REDUCTION IN STAGNATION PERIOD OF SORE POINTS

Schemes of sore points have been bifurcated on the basis of:

- i. Short term.
- ii. Mid term.
- iii. Long term.

Short Term

a. Schemes implemented against sore point package- 29

b. Schemes implemented against other packages/projects- 17

Total Schemes implemented against sore point

short term package- 46

BENEFITS OF IMPLEMENTATION OF SORE POINT SCHEMES ON SHORT TERM BASIS.

60-70% reduction in stagnation period of storm water at the areas where sore point schemes have been implemented has been observed as evident from the table:

Benefits Achieved on Implementation of Sore Points Package in Terms of reduction of Rainy water stagnation time					
S.No	Sore Point/ Ponding Area	Stagnation Time at Normal Rain (25mm/Hour)	Stagnation Time at Normal Rain (25mm/Hour)	Stagnation Time at Heavy Rain (80mm/Hour)	Stagnation Time at Heavy Rain (80mm/Hour)
		Before	After	Before	After
1	Chowk Nakhuda	2.00	1.00	8.00	4.00
2	Umer Deen Road.	2.50	0.75	6.50	3.00
3	Main Road Shahdara	4.00	1.00	10.00	3.00
4	Out Side Bhatti gate	4.00	2.00	8.00	3.50
5	Sultan Ahmad Road (Rehman Pura)	2.00	1.00	4.00	2.00
6	Aziz Road (Eik Moria Pull)	3.00	1.50	6.00	3.00
7	Sheranwala Gate, Cirecular Road	2.00	1.00	4.00	2.00
8	Pouch Road Near Multan Road	5.00	1.00	10.00	2.00
9	Plaza Cinma (Choburgi)	6.00	1.50	12.00	3.00
10	Firdaus market	6.00	3.00	4.00	2.00
11	Barket Market	5.00	2.00	12.00	6.00
12	Rachna Block, A.I.Town	6.00	3.00	8.00	4.00
13	Millat Chowk Samanabad	12.00	6.00	24.00	12.00
14	Zaildar Road Ichhra	8.000	4.00	18.00	7.00
15	Raheem Road	4.00	1.00	10.00	4.00
16	Hussuan Chowk	4.00	2.00	9.00	4.00
17	Galaxy Plaza	6.00	2.50	12.00	5.00
18	Waris Road	6.00	3.00	15.00	6.00
19	G.T Road Begam Pura	4.00	1.00	8.00	2.00
20	UET gate No.2 G.T Road.	5.00	2.00	10.00	3.00
21	Baghechi Saithan	3.00	0.75	6.00	1.50
22	Milap Street	4.00	1.00	8.00	2.00
23	Angoori Bagh Shalimar Link Road	3.00	0.75	6.00	1.50
24	Police Station Mughal Pura	5.00	1.50	10.00	3.00
25	Shah Kamal Road	4.00	1.00	8.00	2.00
26	Toheed park	4.00	1.00	8.00	2.00
27	Mozang Chugi	4.00	2.00	10.00	4.00
28	Shah Jamal	4.00	1.00	8.00	2.00
29	B- Block Taj Pura	8.00	2.00	17.00	4.00

CROWN FAILURES OF EXISTING TRUNK SEWERS



A- Crown Failure schemes (Mid Term Schemes)

Sr. No	Name of Scheme	Amount in Millions	Package	Status
1.	Laying of trunk sewer 18" to 36" dia, 20,000 Rft in the areas of Tipu, Sher Shah & Tariq Blocks Garden Town & Model Town extension scheme.	144	1068	Work is in progress and will be completed upto 30.06.2011
2.	Laying of trunk sewer in the area of Allama Iqbal Town.		1068	
a.	From Neelum Block to Gulshan-e-Iqbal Park. (42" dia 5000-Rft)	53		Completed
b.	From College Block to Gulshan-e-Iqbal Park (42" dia 4000-Rft)	42	1068	Work started
c.	From Gulshan-e-Iqbal to Multan Road (60"&66" dia 7900-Rft)	129	1068	Work started
		368 Millions		

INSUFFICIENT ROAD DRAINAGE SYSTEM

After the joint survey with TEPA to identify the improvements in the existing drainage system of main roads regarding the missing links of road side drains and low lying culverts, the work is in progress for implementation on short term and mid term basis.

Drainage Schemes being completed by TEPA

Sr. No.	Description
1	Providing Drainage System at Firdous Market and MM Alam Road area
2	Construction of storm water drain at Lawrence Road and Race Course Road
3	Construction of Storm water drain near GOR-I Road Junction at Jail Road along Jelani Park
4	Construction of storm water drain in front of Tolinton Market Shadman Disposing into LOS Drain at Ferozpur Road
5	Construction of storm water drain in front of Moon Market Faisal Town from Central Flats to Maulana Shoukat Ali Road.
6	Construction of storm water drain at Garhi Shahu Chowk Allama Iqbal Town.
7	Linking of existing drainage network with Sawami Nagar lift station near Garhi Shahu at Allama Iqbal road.
8	P/L of RCC drainage pipes 12" dia, 18" dia 36" dia in area administrated by Walled City Sub Division WASA
9	providing gully grating chambers with RCC pipe 9" i/c concrete encasement and re-instatement of road in various areas of Lahore.

Widening of Sattukatla Drain from Ferozpur Road to PECO Road

- PC-I amounting Rs. 198.484 million has been approved for widening of narrow section of Sattukatla Drain from Ferozpur Road to PECO Road. M/s. NLC have started work on site which is also very important for the proper drainage of storm water of Gulberg, Ferozpur road including Kalma Chowk, Cantt and Defence areas.

AUGMENTATION OF PUMPING CAPACITY AT DISPOSAL STATIONS

Pumping capacity has been enhanced on following disposal / lift stations.

1. 75 cusec capacity has been added at Shadbagh Disposal Station.
2. 25 cusec capacity has been added at Tajpura Disposal Station.
3. 30 cusec capacity has been added at C-II Lift Station Township.
4. 15 cusec capacity has been added at C-I Lift Station Township.
5. 40 cusec capacity has been added at Nishter Colony Disposal Station.

LOAD SHEDDING

- On the direction of Chief Minister Punjab 140 Generators of different capacity have been installed at WASA Disposal Stations and Tubewells.

- Detail is given as below:-

1. 1000 KVA	06
2. 500 KVA	11
3. 300 KVA	55
4. 200 KVA	68

PROCUREMENT OF MOBILE MACHINERY

- On the direction of Chief Minister Punjab following mobile machinery has been procured during 2010 for betterment of WASA system.

1. Jetting Machines	25
2. Suction Machines	25
3. Excavators	07
4. Tractor mounted Backhoes	20
5. Dump Trucks	29
6. Cranes	07

EMPLOYMENT OF TRAINED/SKILLED STAFF

- In order to overcome shortage of field officers in WASA 32 No. SDOs/ Junior Engineers have been employed for supervision of field work

PROVISION OF TRUNK INFRASTRUCTURE IN SHADIPURA AREA SHALIMAR TOWN

- Trunk Sewerage infrastructure along with 120 CFS disposal station amount to Rs. 764 million has been laid to provide sewerage facilities to Afshanabad, Bhaini Road, Lekhodair, Ahmad Town, Shadipura, Momanpura, Gulbahar Town, Zamindar Park, Dubai Park, Alam Tibba and Salamatpura.

Future Planning

- Remodeling of low lying bridges on main drains causing hindrance in flow of storm water.
- The remaining 28 long term sore points are relevant to the areas of Central & South Lahore and will be attended on implementation of JICA Japan Loan Project.
- Old and outlived machinery of major disposal stations will be replaced with the grant aid JICA project.

DESILTING OF SEWERS AND DRAINS

PROGRESS OF DESILTING OF SEWERS, OCTOBER (AFTER MONSOON), 2010 TO JUNE 20TH 2011, WASA, LDA, LAHORE.

Sr. No.	Desilting of sewers during the month	Length scheduled to be desilted (in K.M)	Length desilted in Kilometers					Total
			Ravi Town	Shalimar/ AB Town	Gunj Bux Town	Iqbal Town	Nishtar Town	
1	October, 2010	217.63	30.4	36.02	88.96	20.98	23.12	199.48
2	November , 2010	215.36	23	38.32	88.96	23.01	20.04	193.33
3	December , 2010	208.96	28	38.32	97.1	22.28	20.04	205.74
4	January , 2011	210.56	24.95	34.91	104.6	22.72	19.13	206.27
5	Febuary , 2011	215.89	20.46	36.52	108.6	23.89	19.83	209.32
6	March , 2011	209.78	22.77	39.38	102.8	24.03	23.06	212.08
7	April, 2011	215.62	23.88	38.25	101.9	26.02	22.13	212.13
8	May, 2011	225.5	26.4	40.4	103.8	26.82	25	222.42
9	June upto 20 th 2011	175.32	17.33	31.45	90.85	18.52	19.85	178
	Grand Total	1,894.62	217.19	333.57	887.54	208.27	192.20	1,838.77

PROGRESS OF DESILTING OF PRIMARY DRAINS

S. No.	Name of Drain	From	To	Length (KM)	Up to Date Progress (Km)
1	Sattu Katla Drain	Fruit & Vegetable Market at Ferozpur Road	Hadyara Drain	17.68	16.61
2	Cantt: Drain	Dhobi Ghat Railway line	River Ravi	15.39	14.5
3	Lower Chotta Ravi Drain	Bagh Munshi Ladha	River Ravi Sagian	4.26	4.26
4	Shahdra Drain	National Bank Shahdara	River Ravi	4.11	4.04
5	Shalimar Escape Channel Drain	GT Road WAPDA Colony	River Ravi	10.00	10.00
6	Upper Chotta Ravi Drain	China Scheme	Shad Bagh Disposal Station	4.26	4.00
Total Length				55.70	53.41

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PROGRESS OF DESILTING OF SECONDARY DRAINS

S. No.	Name of Drain	From	To	Length (KM)	Up to Date Progress (Km)
1	City Drain	Texali Gate	Dehli Gate	3.02	3.01
2	Central Drain	Dial Singh College	Toheed Park Cantt Drain	4.42	4.40
3	Kharak Drain	Neelam Block Iqbal Town	Cantt Drain Sabzazar	5.60	5.60
4	College road Township Drain	Akbar Chowk	Sattu Katla Drain near Ameer Chowk	3.96	3.96
5	Gulberg-I Drain	Railway Line	Cantt. Drain near Jail Road	1.52	1.52
6	Gulbeg-II Drain	Railway Line	Home Economics College	1.37	1.37
7	General Hospital Drain	Chungi Amer Sahdu	Sattu Katla Drain F & V Market	3.35	3.35
8	Moulana Shaukat Ali Road	Barkat Market Garden Town	Akbar Chowk	2.43	2.43
9	Bird Wood Road Drain	Governor House	Cantt Drain Rasool Park	2.74	2.50
10	Industrial Area Drain	Industrial Estate	Sattu Katla Drain Qadri Chowk	2.43	2.43
Total Length				30.84	30.57

Desilting of Cantt: Drain at Old Babu Sabu Bridge
Dated: 22-04-2011



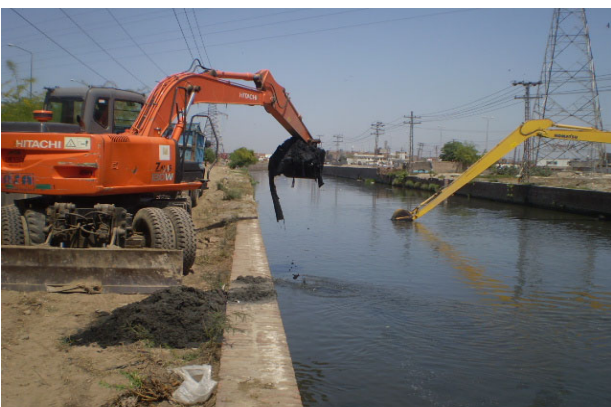
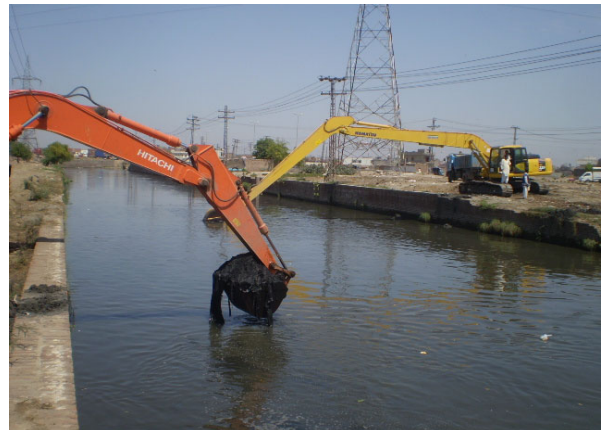
Desilting of Shalimar Escape Channel Drain Date: 01-06-2011



**Desilting of Cantt: Drain Near PHA Workshop Shadman Dated:
28/03/2011**



**Desilting of Cantt: Drain near Motor Way Sabzazar
Dated: 07-04-2011**



Desilting of Cantt: Drain At Old Babu Sabu (Sabzazar)

Date: 30-04-2011

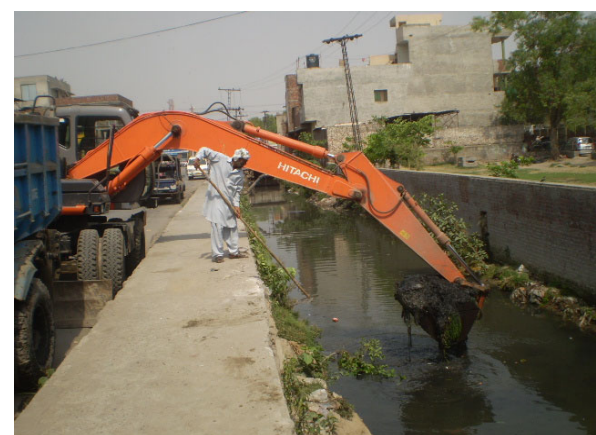


Desilting of Cantt: Drain At Syphon Gulberg

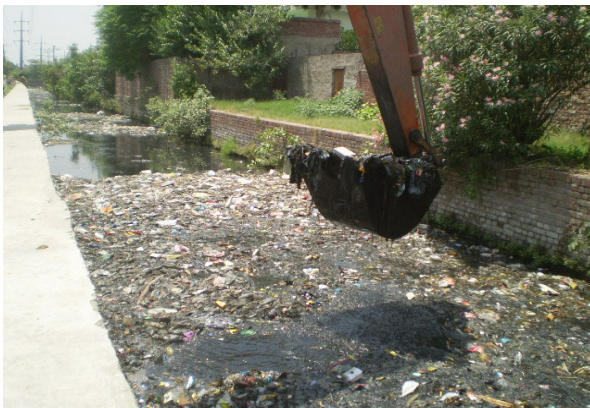
Date: 29-05-2011



**Desilting of Central Drain, Lytton Road Disposal Stationin & LOS
Dated: 30-04-2011**



Desilting of Central Drain T&T Colony Dated: 14-05-2011



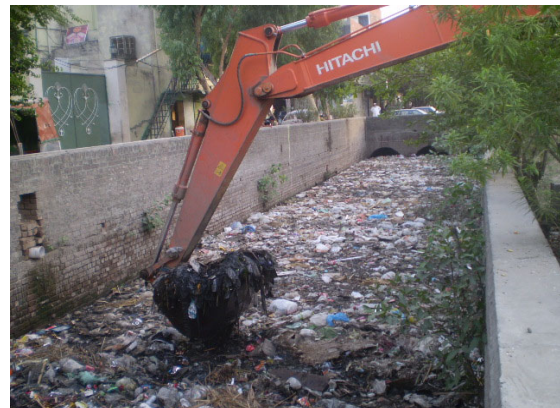
Desilting of Central Drain Choburji Bridge Choburji

Dated: 02-06-2011



Desilting of Central Drain Behind Green Building

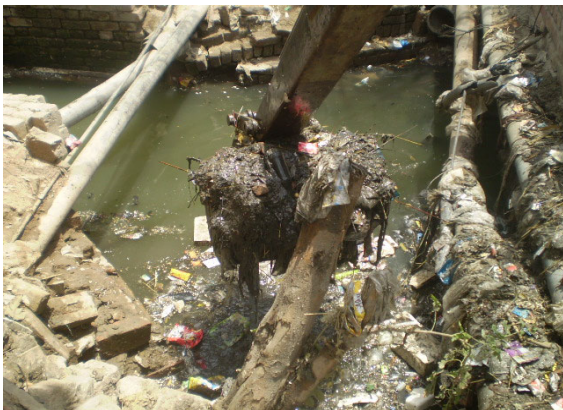
Dated: 06-06-2011



Desilting of Birdwood Drain Bagh e Jinnah Dated: 04-06-2011



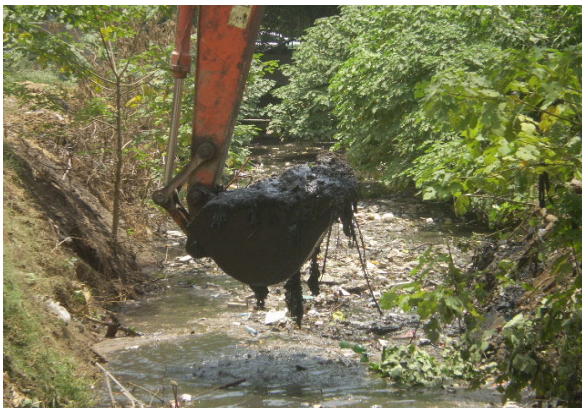
Desilting of Birdwood Drain Nursing Chowk Dated: 06-06-2011



Desilting of Birdwood Drain Bagh e Jinnah Dated: 07-06-2011



Desilting of Birdwood Drain near Drug Court at Katcha Lawrence Road Dated: 08-06-2011



Desilting of Shalimar Escape Channel Drain Date: 01-06-2011



**Desilting of Shalimar Escape Channel Drain Beyond Ring Road
Mehmood Booti Date: 07-06-2011**



**Desilting of Upper Chotta Ravi Drain Inside Shadbagh Disposal Station
Station Date: 16-03-2011**



**Desilting of Upper Chotta Ravi Drain at Bhagatpura
dated:08/06/2011**



**Desilting of Sukh Nehar Drain At Lal Pull & Islam Pura on
Date: 02-04-2011 & 03-05-2011**



**Desilting of Sukh Nehar Drain
Date: 07-04-2011**



Desilting of City Drain Date: 21-03-2011



Desilting of City Drain Date: 23-03-2011



Desilting of City Drain Date: 26-03-2011

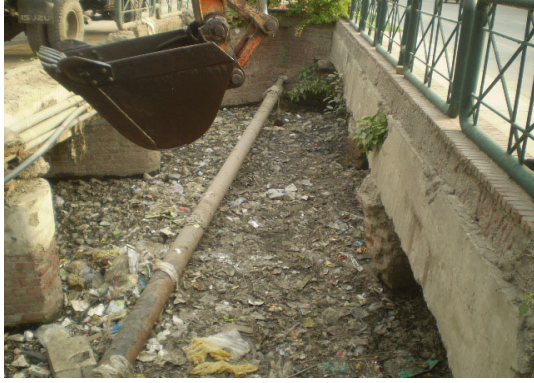


Desilting of General Hospital Date: 26-03-2011



Desilting of Gulberg-II Drain

Dated: 30-04-2011



MAKKAH COLONY DRAIN

DATED. 31-05-2011



MANUAL DESILTING



WORKING AT MAYO HOSPITAL



Responsibilities

WASA	<p>During rains WASA staff is responsible to dispose off storm water within minimum possible time by ensuring that;</p> <ul style="list-style-type: none">a) Presence of staff at their designated points.b) WASA machinery is working at sites as per S.O.P.c) All Pumping Stations are working smoothly. In case of electricity failure, generators sets are operatedd) Gratings of road side drains are being cleared to dispose off storm water.e) Dewatering sets installed at low lying areas and are functioning.f) Mobile teams are on roads to meet any sort of emergency.g) Proper dosing of hypochlorite solution is being injected in main distribution system of water supply to avoid any water contamination.
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Assignment of responsibilities (Contd..)

TMA	<ul style="list-style-type: none"> a) Notices to Private Housing Societies. b) Giving assistance to Private Housing Societies in case of emergency during Monsoons. c) To coordinate with WASA in case of emergency d) Deployment of staff at emergency camps in coordination and to assist WASA. e) 24 hours wireless bases have been made operation. f) Availability round the clock. g) Establishment of camps at all important/ choking points. h) Monitoring of cleaning of Drains i) Emergency Response in case of any casualty or disaster. j) Coordination with the Locals.
Coordination Meetings	<ul style="list-style-type: none"> a) Mr. Hamza Shahbaz Sharif called a meeting on 20.6.2011 which was attended by WASA, SWM and TMA's b) Commissioner Lahore Division called a meeting of all filed staff of WASA, SWM and TMA's on 22.6.2011 c) Coordination meeting of WASA with coordinators of all MPA's of Lahore was arranged on 21.6.2011 at Town Hall

Pre-Monsoon Arrangements OF LWMC



- **LWMC has started desilting activity since May 2011 and will continue till September 2011**
- **LWMC has completed desilting (2 & 3 times) of approximately 550 tertiary wastewater drains in 9 towns of District Lahore till to date.**
- **Desilting activity is being carried out in coordination with WASA.**
- **30 containers have been placed along WASA drains**
- **Print & electronic media and community is being involved and community has acknowledged the efforts of LWMC in this regard.**

Pre-Monsoon Arrangements



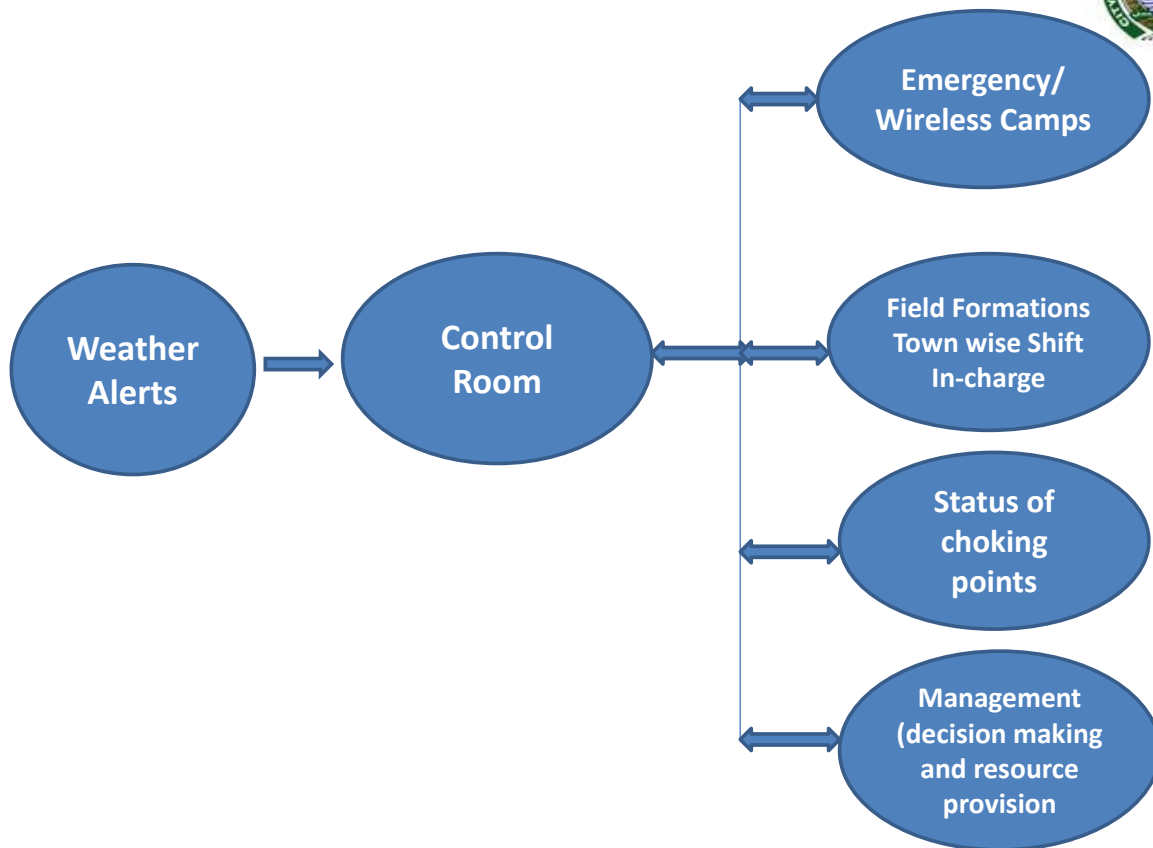
Institutional Arrangement



- Establishment of control room
 - Three dedicated landline numbers
 - Deployment of trained staff in three shifts
 - 24/7 basis duty roster for control room and wireless system

- Weather alerts (Green, Yellow & Red) to be broadcasted through control room.

Operational Mechanism of Control Room



11/4/2021



Re-deployment of Operational Staff



- 40% of the total staff of town will remain operational in the 1st Shift (6:00 AM to 2:00 PM)
- 20% of the total staff of town will remain operational in the 2nd Shift (2:00 PM to 10:00 PM)
- 40% of the total staff of town will remain operational in the 3rd Shift (10:00 PM to 6:00 AM)
- Central fleet repair and maintenance workshop will function 24/7

11/4/2021



Standard Operating Procedures (SOPs)

Action	Description	Responsibility
Timing of SWM administration	Availability of ADOs 24/7	Manager (Operations)
Attendance of staff	Ensured presence at emergency camps/choking points	All ADO(S) of SWM
Uniform	Ensured complete uniform.	Sanitary Supervisor/ Sanitary Inspector
Provision of ID Cards	Ensured provision of ID Cards	ADO(Admin) & MVIs ADO concerned
Maintenance of Casual Leave	No leave will be allowed. In case of emergency a substitute will be arranged	All ADO(S)/ ADO (Admin)

11/4/2021



Standard Operating Procedures (SOPs)

Action	Description	Responsibility
Cleanliness at Choking Points	Cleanliness will be ensured by the deputed staff.	Sanitary Supervisor /Sanitary Inspector concerned.
2nd time sweeping at choking points	As per schedule issued by concerned Asst. Manager (Operations)	All ADO(S) and CSIs
Monitoring	Road wing will work as per schedule	ADO (Road Wing)
Recording of vehicle	The MVI concerned shall keep record	All MVI/ ADOs
CRS	Complaints will be delivered to concerned Asst. Managers for resolution	Sr. Manager Planning & Manager Planning

11/4/2021

SOP FOR MONSOON 2011

SOP FOR MONSOON 2011

Sr. No.	Activity	Action By:	Status
1.	Establishment of Monsoon Control Room in WASA Head Office w.e.f 15.06.2011	MD WASA	Established
2.	Nomination/Deputation of Staff for Monsoon Control Room comprising the following representatives. <ul style="list-style-type: none"> - Representative of Each TMA - Representative of SWM - Representative of TEPA - Representative of Traffic Police - Representative of LESCO 	<ul style="list-style-type: none"> • DG, LDA. • MD, WASA. • MD, TEPA. • CE, LDA. • SSP Traffic, Lahore. • EDO SWM. • CE, LESCO. 	Staff will be present during monsoon.
3.	Constant liaison with Met office regarding rain forecasts.	WASA	CMC is in constant liaison with met office
4.	Advertisements in the National Newspapers regarding precautionary measures during monsoon	DMD (O&M)	Advertisement is forwarded viz publication
5.	Dewatering Plan along with the locations of dewatering sets and duty roster of operators deputed for the operation of dewatering sets by 15.06.2011	DMD (O&M)	-Dewatering plan along with location prepared -Duty roster of staff deployed at camp offices issued by all Director O&M

SOP FOR MONSOON 2011

6.	Creation/deputing of mobile squad for the trouble shooting of dewatering sets by 15.06.2011	DMD (O&M) WASA	
7.	Cleaning of gratings of road side drains.	WASA/SWM	Staff has been deployed for regular cleaning of grating during rain
8.	Close liaison of WASA with LESCO regarding uninterrupted electric supply at Disposal/Lift Stations.	MD WASA	All Directors are in close liaison with LESCO for continuous supply of electricity.
9.	Certificate for the up keeping of machinery installed at major disposal stations, lift stations and drainage stations by 15.06.2011.	DMD (O&M)	Certificates issued by concerned Directorates
10.	Close liaison with traffic police.	MD WASA, SSP Traffic Police.	CMC is in close liaison with traffic police
11.	Provision of mega phones to all Directors of WASA	WASA	Provided
12.	Certificate regarding working of gates of drainage stations by concerned Directors by 15.6.2011	DMD(O&M)WASA	Certificates issued by concerned Directorates
13.	- Upkeep and maintenance of wireless system. - Certificate to be provided by all O&M Directors by 15.06.2011 confirming satisfactory working of wireless systems.	D(P&S) / DMD (O&M)/ All O&M Directors	Wireless System have been updated

SOP FOR RAIN MANAGEMENT

A) On receipt of Short Term Rain Forecast (2 Hours before) :-

Sr. No.	Activity	Action By
i)	To ensure effective operation of all sewage pumping stations and reporting to CMC.	SDOs, XENs, Director/DMD(O&M)
ii)	To get reports about smooth functioning of all Sewage Pumping Stations and maintain minimum level in wet wells.	CMC
iii)	To manage all water supply tubewells to curtail sewage load on sewerage system.	SDOs, XENs, Directors/DMD(O&M)
iv)	To deploy suction machines at specified locations of the city.	SDOs, XENs, Directors/DMD(O&M)
v)	To monitor deployment of suction machines.	CMC
vi)	Deployment of sewerage staff on specified ponding locations	SDOs, XENs, Directors/DMD(O&M)
vii)	Ensure presence of operators at all dewatering locations	SDOs, XENs, Directors/DMD(O&M)
viii)	Getting reports about rain start from all base stations.	CMC
ix)	Presence of drainage staff on all emergency drainage centres.	SDO Drainage, XEN Drainage, Directors Drainage, DMD(O&M)
x)	Presence of Sub Engineers/SDOs with skilled staff on major disposal stations.	SDOs, XENs, Directors/DMD(O&M)

Thank you

Public Relation Officer
News Paper: (D) 17
26-7-2019

Torrential rain exposes inadequate drainage system

By Khalid Hasnain

LAHORE: Monsoon's second torrential rain disrupted routine life in the city on Thursday, leaving motorists stuck on roads for hours.

Officials drained out the rainwater accumulated at various points and energised the feeders to restore electricity suspended for hours in various parts of the city.

There were reports about appearance of sinkholes at various places including Johar Town's main boulevard - Khayaban-i-Firdausi - due to spell of heavy rain.

According to the Water and

Sanitation Agency (Wasa), the rain started in the early hours (5:30am) and continued till 11:00am with intervals. There was 133mm rain at Tajpura, 110mm (Chowk Nakhuda), 108mm (Pantwala Talab), 93mm (Lakshmi Chowk), 84mm (Farrukhabad), 80mm (airport), 64mm (Gulshan-i-Ravi), 57mm (Samanabad), 51.6mm (Jail Road), 49mm (Iqbal Town and Mughalpura), 33mm (Zahoor Elahi Road), 40mm (Johar Town), 35mm (Upper Mall and Punjab University) and 30mm at Nishtar Town.

"The rainwater drainage operation was timely started and the

areas such as Do Moria Pui, Chowk Nakhuda, Gulberg, Johar Town, Miri Shah, GPO, Nabha Road, Qartaba Chowk and Sheranwala Gate were cleared by 3pm," claimed a Wasa official. He said the workers of the Lahore Waste Management Company too joined the operation by collecting the solid waste from the rainwater.

Wasa Managing Director Syed Zahid Aziz, Lahore DC Ms Saleha Saeed, LDA Director General Muhammad Usman Moazzam and other officers supervised the post-rain operation for disposal of stormwater. They visited Lakshmi Chowk, Shimla Hill, Kashmir

Road and other low-lying areas for monitoring the arrangements made by Wasa.

Wasa MD Syed Zahid Aziz told the media that the 117 drainage, pumping and lift stations functioned to their full capacity besides the 44 sucker machines and 91 dewatering sets installed at sensitive points in the city.

Thursday's rain disrupted the electricity supply as it caused tripping of about 200 power distribution feeders. This led to suspension of power supply for hours. Lesco claimed it had energised the tripped feeders and restored power supply within a short time.

"There was no light in our area

from 7am to 7pm," complained a resident of Jain Mapdar.

Motorists stuck on roads either in queues or when their vehicles broke down. "We helped people take out vehicles from flooded roads," said a field official.

On Johar Town main boulevard, a sinkhole appeared and affected traffic. Police cordoned off the area to ensure smooth traffic flow. Wasa and LDA officials too reached the spot for earth filling.

Wasa and other departments concerned were put on high alert keeping in view the forecast of more rains in the coming days.

31-7-19

Heavy rain hits City, disrupts traffic

Our correspondent

LAHORE

HEAVY but scattered rain hit the city on Tuesday evening while Met office predicted similar weather conditions for the next 24 hours.

Met officials said rain in city started around 1.40 pm and continued till 4.40 pm. Lakshmi Chowk received highest 70mm rain, 62mm rain was recorded at Pari Wala Talab and lowest rain was reported at Tajpura.

Severe traffic jams were witnessed on city roads as stagnant rainwater took some hours to drain out. Senior Wasa officials, including Managing

Director Syed Zahid Aziz, remained in the field to monitor the situation. He said scattered garbage is the biggest cause of blockage of drainage lines. He said a huge and new trunk sewer will soon be laid down in the city after which the citizens will not witness accumulation of rainwater in future. Met officials said seasonal low lies over north Balochistan.

Moderate monsoon currents are still penetrating lower parts of the country and likely to weaken gradually during next 24 hours. Strong monsoon currents from Arabian Sea and Bay of Bengal are likely to penetrate northeastern parts of the

country from Wednesday evening/night.

Met officials predicted mainly hot and humid weather in most parts of the country. However, rains/wind-furder-storm is expected at scattered places in Rawalpindi, Lahore, Gujranwala Divisions, Kashmir and Islamabad, while at isolated places in Malakand, Hazara, Mardan, Zhob divisions and Gilgit-Baltistan. Rainfall was recorded at several cities, including Thatta 147, Hyderabad (City 131, AP 81), Karachi 9Surjani 119, Sad-dar 98, Faisal Base 71, North Karachi 65, Jinnah Terminal 60, University road 55, AP 53.

Ghulshan e Hadid 52, Masroor 48, Landhi 43, Nazimabad 39, Kemari 14, Shaheed Benazirabad 98, Padidan 80, Badin 59, Mirpurkhas 40, Nagerparker 29, Tandojam 10, Chhor 09, Mithi 05, Dadu 03, Larkana 04, Khanewal 12, Noorpurthal, Layyah 11, Joharabad, Bahawalpur 04, Multan 03, Bhakkar, Bahawalnagar 02, Jhang 01, Muzaffarabad 03, Garhi Dupatta 02, Lasbella 06, Bunji 02, Malam Jabba and D.I.Khan 01. Tuesday's highest maximum temperature was recorded at Nokkundi where mercury reached 45°C while in Lahore it was 35°C and minimum was 27.2°C. Fe 12/19

Monsoon contingency plan chalked out

LAHORE: The Lahore Waste Management Company (LWMC) has issued a high alert under a comprehensive plan in the wake of monsoon season and dedicated special resources to avoid any untoward situation during more rains. Soon after the rain on Sunday early morning, the LWMC deputed workforce at designated 88 choking points and quickly responded during rain by the timely lifting of waste. Turk contractors also ensured deployment of all their resources, workers and machinery in the field during rains. Meanwhile, the LWMC staff with the coordination of WASA officials performed the desired task in stormwater areas. A spokesperson for LWMC said an emergency control room has also been established at the LWMC head office. APP

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Public Relation Office
 News Paper: Express Tribune
 26-7-19

Heavy rain brings further death, misery to city

Couple perishes in roof collapse, man electrocuted to death

OUR CORRESPONDENTS
 LAHORE

Persistent heavy rain disrupted daily routines in the provincial capital and several other parts of Punjab, while as many as three people lost their lives in related mishaps, Rainwater accumulation also disrupted power supply and caused traffic jams in various areas of the city.

In Hayer, a couple died and three people were injured when the roof of their house caved in. Five people were trapped under the debris and locals called rescue teams which reached the spot and started an operation.

They evacuated the victims and shifted them to a local hospital, but two people were pronounced dead on arrival. The deceased were identified as Manzooran Bibi and Manzoor. The injured included Raza, 5, Zahida Batool, 13, and Atrah Muhammad, 27.

According to initial investigations, the roof caved in because it was made of mud and was in a dilapidated condition.

Meanwhile, a man was electrocuted to death in Township. The victim was identified as Bashir Habib. He received an electric shock after he touched a freezer in a shop. He received injuries and died on the spot. Police took the body to the morgue for an autopsy. They also collected forensic evidence from the crime scene and recorded the statements of eyewitnesses. Police said that they were investigating the matter further.

Meanwhile, Punjab Chief Minister Sardar Usman Buzdar directed the local administration and Water and Sanitation Agency (WASA) to implement SOPs devised for the early disposal of rainwater, especially from low-lying areas. He instructed officials to remain available in the field till the completion of the task so that the people do not face any difficulty in their movement during the rains. Similarly, he said the smooth flow of traffic should also be ensured.

WASA has established emergency camps at 35 places in

the city. Lahore Development Authority (LDA) Director General Muhammad Usman Moazzam and WASA Managing Director Zahid Aziz supervised the dewatering operation in different areas of the provincial capital. The LDA chief assured the availability of requisite equipment, such as dewatering sets, sucker trucks and pumps.

Meanwhile, nearly 175 feeders of the Lahore Electric Supply Company (LESCO) tripped due to heavy rain. There were complaints of water shortage due to the prolonged outage. A LESCO spokesman said field staff would begin power restoration operation after the rain stops. He said the company has already deployed special teams to handle a large number of consumer complaints.

Strong weather pattern

According to the Pakistan Meteorological Department (PMD), strong monsoon currents from the Arabian Sea and Bay of Bengal are penetrating

ing upper parts of the country and are likely to spread to central and southern parts from Thursday to Saturday.

POWERLESS

175

feeders of the Lahore Electric Supply Company (LESCO) tripped due to heavy rain

The report shows that 13-57mm rain was recorded in different areas of Lahore, 07-49mm in Islamabad, 89-97mm Rawalpindi, 78mm in Narowal, 6mm in Jhelum, 35-43mm in Sialkot, 39mm in Gujranwala, 27mm in Murree, 24mm in Mangla, 12mm in Gujrat, 07mm in Mandi Bahauddin, 06mm in Hafizabad, 8mm in Kakul, 16mm in Balakot, 06mm in Dir, 0mm in Malarnajabba, 21mm in Garhiduppatta,

16mm in Kotli, 10-14mm in Muzaffarabad and 10mm in Rawalakot.

According to a recent warning issued by the Flood Forecasting Division of Lahore, a strong monsoon rain-bearing system is likely to affect the upper catchments of all the major rivers, along with upper catchments of River Kabul and its associated tributaries, from Thursday onwards. Under the influence of this weather system, there is likely to be a threat of high to very high floods with sharp peaks of exceptionally high flooding upstream of Mangla.

High to very high flood is also likely in River Chenab at Marala and its downstream. Flows may attain medium to high flood level in rivers Indus at Tarbela and Kabul at Nowshera, along with their tributaries.

Flows are likely to cross high flood level in the tributaries of rivers Ravi (Hasri, Bein, Basantner, Ujh, Jhatri, Kathner and Deg) and Chenab (Palku, Aik and Bhimber).

Urban flooding is also likely in Peshawar, Rawalpindi, Faisalabad, Gujranwala, Lahore and Sargodha divisions.

The Flood Forecasting Division has also warned authorities to keep themselves up to date with the latest flood forecast and take precautionary measures.

Also, the National Disaster Management Authority (NDMA) has also issued a warning and announced heavy rains for the whole week.

Traffic Issues

The heavy rains also led to traffic congestion in the city. Main roads, especially underpasses, were flooded with knee-deep water. In some areas, the water even reached chin level. Commuters remained stranded due to traffic blockades. At a few places, vehicles were seen floating near underpasses. Traffic wardens remained on the roads to clear any gridlocks. Trees also fell and blocked some roads, while a sinkhole appeared in Johar Town.

Rainwater

Continued from page 13

Lahore, Commissioner Lahore and other senior officials of district administration monitored the rain and post-rain situation in the city. Deputy Commissioner Saleha Saeed had directed all staff to remain present in their offices as well as in the field. She paid surprise visit to various points and supervised dewatering process.

Meanwhile, Lahore Development Authority (LDA) Director General, Muhammad Usman Moazzam, supervised the post-rain operation for disposal of water from various areas. The director general visited Laxmi Chowk, Shimla Hill, Kashmir Road and other low-lying areas for monitoring the arrangements made by Wasa. He directed the staff concerned for ensuring optimum utilisation of the available machinery for quick drainage of rainwater. He directed the officials concerned for keeping close coordination with Met office for the discharge operation simultaneously with the start of drizzle. Briefing the LDA director general about the measures taken by Wasa for quick disposal of rainwater, Wasa Managing Director Syed Zahid Aziz told that all the 117 drainage, pumping and lift stations were functioning to their full capacity besides the 44 sucker vehicles and 91 dewatering sets installed at sensitive points in the city. He said that post-rain operation was being carried out smoothly. A central monitoring cell has also been established at the head office of Wasa for close coordination with field formation and the 25 complaint centres had been set up in the city which were working round-the-clock. *The man*

ONE KILLED, SEVERAL WOUNDED IN RAIN-RELATED INCIDENTS

LWMC PUT ON RAIN ALERT

LAHORE
STAFF REPORT

AT least one person was killed while seven others were injured in rain-related accidents in different parts of Punjab on Sunday. Intermittent heavy rain in Lahore, Gujrat, Gujranwala, Sheikhpura, Sahiwal and other areas have dropped down the mercury. In Lahore's area of Shershah Colony, a man lost his life and three others were wounded when a roof of a house

collapsed in the area due to heavy rain. In a separate incident in Jaranwala, a mother along with her four children sustained wounds in the rain-related incident. According to the Pakistan Meteorological Department (PMD), the rain spell is expected in various regions across the country on Sunday (today). According to Pakistan Meteorological Department (PMD), widespread rain thundershower (few moderate to heavy falls) with windstorm is expected in Kashmir, Islamabad, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Malakand, Hazara, Peshawar, Mardan, Kohat, Bannu divisions, while at isolated places in Zhob, DI Khan, DG Khan, Multan, Bahawalpur and Sahiwal divisions. Heavy to very heavy falls are

also expected at isolated places in Hazara, Rawalpindi, Gujranwala, Lahore divisions, Islamabad and Kashmir. Hot and humid weather is expected elsewhere in the country. **LWMC PUT ON RAIN ALERT:** Lahore Waste Management Company (LWMC) has put its all workforce on high alert under a comprehensive plan in the wake of monsoon season and dedicated special resources to avoid any untoward situation during more rains. Following the strategy, the LWMC workers were deployed at 88 designated choking points, who responded quickly as it started to rain on Sunday. Turk contractors also ensured deployment of all their resources, workers and machinery in field during rains. Meanwhile,

LWMC staff with the coordination of WASA officials performed the desired task in storm water areas. According to a spokesperson of LWMC, an emergency control room has also been established at LWMC head office, which will remain functional round the clock for close coordination with field staff. Weather alerts in coordination with regional Metrological department will be disseminated through control room. The LWMC will support and facilitate WASA during whole monsoon season and depute its staff in WASA control room for smooth execution of assigned tasks. LWMC Managing Director Khalid Nazir has already issued instructions that all officials should remain in field and act according to the plan.



LAHORE: Motorists face trouble due to accumulated rain water at Local Avenue. ONLINE

P 7

Public Relation Office
News Paper- 15-7-2019



RAINWATER plagues Badami Bagh bus stand. — White Star

Public Relation Office
News Paper- 15-7-2019

Heavy rains from 18th

OUR STAFF REPORTER
LAHORE

Widespread rain accompanied by gusty winds lashed the city on Sunday. The Met Office forecast heavy rains from July 18 in the city that receded.

The city received 40mm rain. Civic bodies - Wasa and Lesco - came under fire because of delay in draining out rainwater from low-lying areas, and failure to ensure smooth supply of power. The Met office forecast widespread rain with windstorm is expected in Lahore, Kashmir, Islamabad, Rawalpindi, Sargodha, Gujranwala, Faisalabad, Malakand, Hazara, Peshawar, Mardan, Kohat, Bannu.

A man and a 10-year-old boy were killed and three others wounded in rain-related incidents, rescue workers said on Sunday.

A 30-year-old man was killed and three others wounded critically when the roof of a wooden-shed collapsed during Sunday's downpour.

2 die in rain-related incidents

Rescue workers said the injured were shifted to a hospital.

The police were yet to ascertain the identity of the deceased.

All the four labourers were asleep under the cattle-shed when it collapsed during the windstorm. In another incident, a 10-year-old boy was electrocuted in the Factory Area police limits on early Sunday.

The police identified the deceased as Abdullah, a resident of Ghazi Road. The boy was going to fetch some edibles from a nearby shop when he touched an electric pole and sustained severe electric shock.

As a result, he died instantly. The police later handed over the body to the family after fulfilling legal formalities.

The Nation

Rain triggers urban flooding, traffic jams, power outages

IQTIDAR GILANI
LAHORE

Parts of the country, including Lahore, received rainfall of varying intensities on Monday. As a result, life came to a standstill as the city witnessed urban flooding, traffic messes and frequent power outages. Roads in major cities, including Lahore, were presenting scenes of lakes and ponds even hours after the rain stopped.

Overcast conditions, strong winds and rains caused considerable decrease in the mercury level, providing respite to people from prevailing muggy weather.

Rain-thundershower accompanied by gusty winds occurred at scattered places in Lahore, Sargodha, Gujranwala, Faisalabad, Rawalpindi, Malakand, Hazara divisions, Islamabad and Kashmir and at isolated places in Zhob, Peshawar divisions and Gilgit Baltistan.



USHC KASHMIR OFFICE

News Papers:-

The Nation

16-07-19



The News

26-6-19

Pre-monsoon rains expose LWMC 'efficiency'

Company's spokesman says presence of waste doesn't mean LWMC is not working properly

**Ali Raza
LAHORE**

AS the pre-monsoon rains have started to hit the provincial metropolis, the 'efficiency' of Lahore Waste Management Company (LWMC) has exposed in the shape of un-lifted heaps of garbage present alongside major roads as well as residential and commercial localities here Tuesday.

The situation was so worse on Tuesday morning that Deputy Commissioner Lahore Saleha Saeed, who is also the LWMC chairperson, had to move her administrative officers team to check the LWMC field staff and state of cleanliness in their respective jurisdiction.

It is pertinent to mention here that the district administration team found that LWMC officers and workers were absent from their duties at several points. The cleanliness situation of vegetable and fruit markets, Lorry Adda and many other important places were pathetic and ironically no LWMC officers and workers reached these sore points to perform their duty.

As per district administration officials, Assistant Commissioner Cantt visited UC-146 and 155 and found that 20 LWMC workers were absent from their duties. Assistant Commissioner City visited Niaz Beig and found that 17 workers were absent from their duties and cleanliness activities were not even initiated at 7am. The LWMC

area manager was also absent from the duty.

Additional Deputy Commissioner (Headquarters) visited Badami Bagh, Lorry Adda and Kotha Pind and shared pictures of un-lifted garbage with the LWMC's senior team after which cleanliness activities were initiated.

Similarly, un-lifted garbage was found in the areas of Samani Khoi (Johar Town), Bata-pur, Kot Kamboh, Link Road, Crown Park, Vegetable Market and Canal View Housing Society. The district administration teams took pictures of scattered waste and intimated DCO Lahore about the worst cleanliness situation in these localities.

Saleha Saeed said that following the strict monitoring of district administration, LWMC teams started clearing the city. She directed her team to continue inspection of various localities and collect pictorial evidence regarding un-lifted and scattered waste and garbage.

The situation raised serious questions over the performance of LWMC new Managing Director who after taking charge of the seat had claimed to clean the city at any cost.

The scribe repeatedly tried to contact LWMC MD Khalid Nazir on his official cell number (0311-2950000) but he didn't attend the calls nor replied to the SMS regarding the news.

However, LWMC's spokesman Jamil Khawar said

that waste generation was a continuous process and presence of waste on any road didn't mean that LWMC was not working properly. He dispelled the impression that pointing out of waste by district administration was a failure on part of LWMC's higher management. He claimed that over 80 percent of the pictorial evidence shared by district administration with LWMC was from Railways and Cantonment areas, which are not the LWMC responsibility. He said DC Lahore is also the LWMC chairperson and she is monitoring the situation for the betterment of the city. He said LWMC, its officers, workers and contractors were performing their duties as per SOPs and no slackness has been taken in this regard.

Meanwhile, scattered rain hit the city here Tuesday while Met office predicted similar weather conditions for the next 24 hours. Met officials said that seasonal low lies over northeast Balochistan. Pre-monsoon currents are penetrating in central parts of the country. They predicted that hot and dry weather is expected in most parts of the country while very hot in plain areas of Punjab and Sindh. However, dust-thunderstorm/rain is expected at isolated places in Kalat, Sargodha Divisions and Kashmir.

Tuesday's maximum temperature was recorded at Sibbi where mercury reached 45°C while in Lahore, it was 36.4°C and minimum was 20.4°C.

Lahore roads overwhelmed with rainwater

131mm rain recorded at Tajpura; over 400 Lesco feeders out of order; more devastating rains forecast

depress of Feroz Guj, Misri Shah was filled with rainwater and several vehicles remained stuck in it.

The rainwater also affected majority of graveyards, including Miaz Sahib, Mian Mir Sahib, Township, Samsani (Johar Town), Township, Faisal Town adjacent to Kotla and Pind Rajputan graveyards.

Over 131mm rainfall was recorded at Tajpura, 110mm at Chowk Nakhuda, 108mm at Pani Wala Talab, 93mm at Laxmi Chowk, 83.5mm at Farukhabad, 80.4mm at airport, 64mm at Gulshan-e-Ravi, 56.5mm at Samanabad, 51.6mm at Jail Road, 49mm at Allama Iqbal Town, 40mm at Johar Town and 32mm at Gulberg.

The rainwater also caused a big crater in a green belt opposite the busy crossing of Shadiwal, Johar Town. The crater was more than 25 feet deep and four to five feet wide. Wassa Deputy Managing Director Aslam Khan Niazi visited the site and directed staff to place diversion on road.

Rainwater entered homes in many areas such as Morzang, Bhatti Gate, Pani Wala Talab, Azam Cloth Market, Johar Town, Alhamd Colony, Allama Iqbal Town, Nisbat Road, Govvalmandi, Bagh Munshi Ladhia, Ravi Road, low-lying areas on Circular Road, Ichhra, Shamur Road, Fazlia Colony, Shah Jamal, Shadman, Model Town, Faisal Town and Township.

Traffic at Qartaba Chowk and The Mall near Punjab University slowed down. Rainwater inundated in tanks on the Ferozpur Road

monsoon currents from Arabian Sea and Bay of Bengal are penetrating upper parts of the country and likely to spread central and southern parts during next 36 to 48 hours.

They predicted that widespread rains/wind-thunderstorm is expected in Faisalabad, Bahawalpur, Multan, Sahiwal, Bahawalpur, Dera

Rainfall was also reported at several cities, including Islamabad, Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Hazara, Malakand, Peshawar, Mardan Divisions, Islamabad and Kashmir, while at scattered places in Kohat, Barnu, Rawalpindi, Sargodha, Faisalabad, Gujranwala, Lahore Divisions, Islamabad and Kashmir. At other hand, DC

at other hand, DC reported on page 15



Continued on page 15

Intermittent rain pushes city into darkness



Low-lying areas remain inundated with rainwater

OUR CORRESPONDENT
LAHORE

Intermittent showers were reported in different areas of the provincial capital on Sunday. Though the weather turned pleasant in the city prolonged power outages caused inconvenience to the citizens.

Dozens of electricity feeders of the power utility company, Lahore Electric Supply Company, tripped and pushed several neighbourhoods in darkness. Citizens from different areas of the provincial metropolis also complained about water shortage.

Several low-lying areas including Lakshmi Chowk, Davis Road, Garhi Shahu, China Scheme, Tajpura and Johar Town became inundated due to excessive rainwater and caused serious inconvenience to the residents.

Speaking to *The Express Tribune*, a resident of China Scheme, Zeeshan Qureshi, said knee-deep rainwater is accumulated in his neighbourhood for the past several days but no government department is ready to pay attention to citizens' complaints.

He highlighted that resi-

dents are digging trenches to divert rainwater to empty plots on their own.

"We have registered several complaints to the Water and Sanitation Agency's (WASA) local office but are still awaiting help," he maintained.

The Pakistan Metrological Department (PMD) forecasted more rains across the country, including Lahore and other divisions of Punjab.

Citizens from different areas of the provincial metropolis also complained about water shortage

The PMD forecast indicated that around 60mm rain was recorded in the city and the current monsoon spell is expected to continue till Wednesday evening.

Rain statistics show that the highest level of rain was recorded in Tajpura area, which was 54mm. Meanwhile, Jail Road 23mm, Lahore Airport 31mm, Lakshmi Chowk 39mm, Pani Wala Talab 34mm, Upper Mall 33mm, Farrukhabad

32mm, Mughalpura 26mm and Chowk Nakhuda recorded 25mm of rain.

The PMD also issued an advisory to administrations, calling for precautionary measures. It said the spell of monsoon rains will begin from Sunday and continue until Tuesday.

The weather department instructed that necessary steps be taken at hospitals across the province with cancellation of leaves of paramedics and other staff.

The Provincial Disaster Management Authority (PDMA) reports show that two deaths were reported in Punjab owing to the rain-related incident in addition to injuries to dozens.

As per reports, a roof collapse in Sargodha killed two children and injured another.

Five more roof collapse incidents were reported in Sheikhpura and officials placed the number of injured at 10.

Weather reports issued by the PMD showed that widespread rain and wind-thunderstorm with isolated heavy falls occurred in Lahore, Rawalpindi, Gujranwala, Sargodha, Sahiwal, Multan, Malakand, Hazara,

The weather department instructed that necessary steps be taken at hospitals across the province

Peshawar, Quetta, Zhob, divisions, Islamabad and Gilgit Baltistan, while weather remained hot and humid in other parts of the country.

The PMD said the seasonal low lies over north Balochistan.

Monsoon currents from the Arabian Sea and Bay of Bengal are penetrating upper and central parts of the country and are likely to intensify over southern parts today (Monday).

Weather reports highlight that widespread rains or wind-thunderstorm is expected in Mirpurkhas, Hyderabad, Shaheed Benazirabad, Thatta, Karachi, Kalat divisions, while at scattered places in Sukkur, Larkana, Makran, Sibbi, Naseerabad, Zhob, Bahawalpur, Faisalabad, Gujranwala, Lahore, Rawalpindi, Malakand, Hazara divisions, Kashmir and Gilgit-Baltistan, at

isolated places in Sahiwal, Marjan, Ranati, Sargodha, Peshawar, divisions and Islamabad.

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Public Relation Office
News Papers - The News 29-7-19
Public Relation Office

Rain spell to continue

LAHORE

THE provincial capital on Sunday received heavy intermittent rain, which turned the weather more pleasant.

According to the Met office, more rain is expected across the country, including Lahore and other divisions of Punjab as well as in Sindh (Mirpurkhas, Thatta, Hyderabad, Karachi, Shaheed Benazirabad, Sukkur, Larkana Divisions).

About 60 millimeter rain was recorded in the city.

The Met department has predicted the current monsoon spell is expected to continue until Wednesday evening. —APP The News

Public Relation Office
News Papers - Pakistan Today 29-7-19
Public Relation Office



LAHORE: Motorists face difficulties due to accumulated rainwater on the road after heavy rain lashed the provincial capital in the early hours of the morning. PPI

City still inundated as rain casualties rise

Public Relations Officer
 News Papers. Exhibited Tribune
 27-6-19

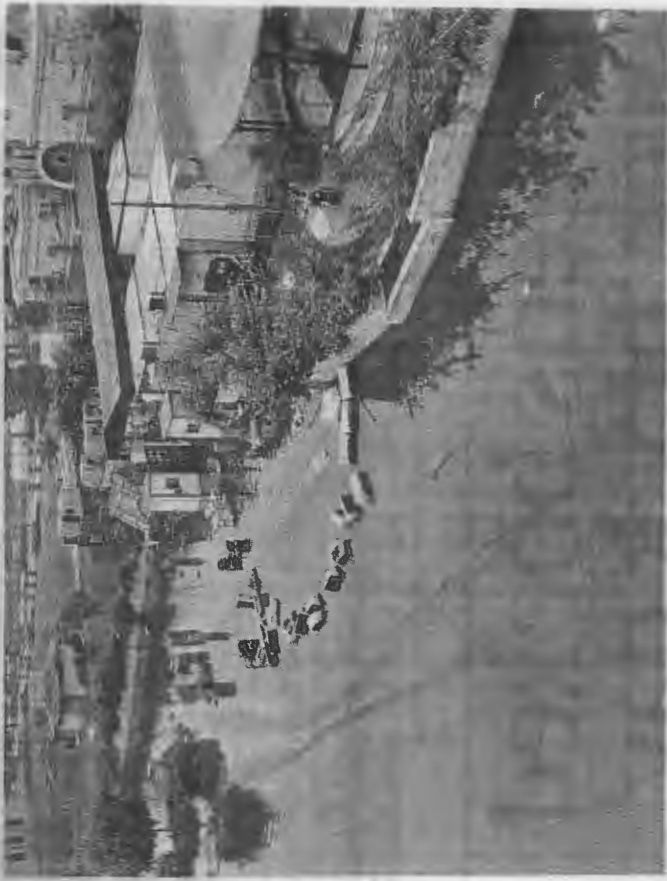
Three minors killed as yet another roof caves in

● AFZAL TALIB
 LAHORE

The after effects of Thursday's rain continued to be felt in the city as three minor siblings were killed in a roof collapse, while standing water left several low-lying areas inundated.

Police said a couple and their eight children were asleep in a one-room house. After midnight, the roof collapsed and the victims were trapped under the debris. Hearing the roof collapse and the screams of the victims, locals rushed to the spot. The neighbours also informed rescue teams, which reached the spot to remove the debris. The victims were evacuated and taken to a nearby hospital. Police said three minor siblings, identified as Khurram, 6, Haroon, 8 and Sania, 10, died in the incident. Meanwhile, their mother Razia Bibi and her other son, Roheel, 9, suffered injuries. Doctors said Razia was in critical condition as she had suffered severe injuries.

Roheel told the media that he was watching television at night when water started to leak from the roof. He added that after a few moments, the roof fell on them. Ten members of the family were present in the house at the time of the incident. A relative of the victims said that they were living in a house which was in dilapidated condition. He said that the head of the family works as a labourer and could not



FLOODED: Rainwater accumulates in the family area of the Greater Iqbal Park after heavy rains. PHOTO: ONLINE

afford higher rents. **Still swamped** Water accumulated on roads and various localities could not be drained, especially from low-lying areas such as parks. According to the Met Department, monsoon rains are expected from July 27 to July 31.

WASA also issued a red alert and officials from other departments have been deployed to drain standing water from the city. Monsoon rains continued all over the country, including Lahore. During the second spell of rains on Thursday, low-lying areas, highways and parks were flooded with water, thus severely affecting routine life. Several commuters faced severe traffic problems.

Although an entire day has passed, the water still remains standing. Locals claimed that the Parks and Horticulture Authority and WASA had taken no action to drain out water from these areas and parks.

Reports have suggested that there was still a lot of water accumulated near Bundar Road, Badami Bagh, Khokhar Pind, Shadbagh, Mahmood Bodi, Shafigabad, Ganj Kalan, Gulshan Ravi, Tajpura, Thokar Niaz Baig and other areas. Some major parks of the city where water was still standing included Gulshan Iqbal, Greater Iqbal Park, Minar-e-Pakistan, Jallu Park, Jilani

cancelled and alternative arrangements have been made to drain out rainwater. He maintained that the water was drained out after a few hours of heavy and continuous rain. Lahore Division Commissioner Asif Bilal Lodhi directed all assistant commissioners to visit the field and make sure standing water was drained out.

He said all highways have been cleared, while there is the need for a quick check on small roads. "Action must be taken on information provided by citizens."

2-8-2019

Heavy rain hits City; more showers forecast

Our correspondent
LAHORE

HEAVY monsoon rain once again hit the city here Thursday while Met office predicted similar weather conditions for the next 24 hours.

The rain started early morning and 50mm rainfall was recorded in just 30 minutes at many key points, including Laxmi Chowk resulting in inconvenience for citizens and road users. The rainwater was accumulated at many low-lying areas.

Wasa Managing Director Syed Zahid Aziz said that rainwater was drained out from outside GPO, Supreme Court Building, Anarkali, Faisal Chowk, Bhatti Gate, Tajpura and many other places in record time of an hour while Laxmi Chowk was cleared within two hours of rain stopped.

Met officials said that seasonal low lies over north Balochistan. Strong monsoon currents from Arabian Sea and Bay of Bengal are penetrating upper parts & central parts of the country. They predicted that widespread

rains/wind-thunderstorm (with isolated heavy falls) are expected in Hazara, Peshawar, Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad, Multan, Bahawalpur Divisions, Islamabad, Kashmir, while at scattered places in Malakand, Mardan, Kohat, Bannu, Dera Ismael Khan, Zhob, Dera Ghazi Khan Divisions and Gilgit-Baltistan.

Rainfall was also recorded at several cities, including Islamabad (Saidpur 155, Z/P 97, Golra 61, Bokra 55, A/P 51), Rawalpindi (Shamsabad 71, Chaklala 68), Bhakkar 56, Mangla 53, Jhelum 37, Murree 28, Attock 19, Sialkot (City 18, A/P 09), Layyah 14, Multan 08, Gujrat, Mandi Bahaudin, Narowal, Chakwal 01, Balakot 49, DI Khan 40, Kakul 26, Saidu Sharif 10, Dir (Upper 03, Lower 01), Cherat 02, Kotli 56, Muzaffarabad 10, Garhi Dupatta 08, Kalat 44 and Zhob 05.

Thursday's maximum temperature was recorded at Nokkundi where mercury reached 45°C while in Lahore, it was 32°C and minimum was 24.8°C.

Rain washes away Wasa



Motorists wade through rainwater on Empress Road.



A traffic jam on Jail Road. -Staff photos

IQTIDAR GILANI
LAHORE

Parts of the country including Lahore received first significant monsoon rain on Thursday, bringing the life to a standstill by causing urban flooding, traffic mess and massive electricity outages.

Windstorm and morning rains, however, provided respite to the people from the muggy weather persisting in the plains for the last couple of days.

Dust thundershower/rain with heavy falls accompanied by gusty winds occurred at scattered places in Rawalpindi, Gujranwala, Lahore divisions, Islamabad and Kashmir.

In Lahore, high velocity winds started blowing early morning followed by steady rains for about couple of hours.

Even 25mm rain washed away claims of Wasa regarding its preparation for rainy season as it took hours to drain out rainwater.

Major roads, not only in northern Lahore but also in posh localities, were presenting pictures of lakes and ponds hours after stoppage of rains. Many roads were not cleared from inundated rainwater even till filing of this report late night.

Many vehicles and motorcycles were seen broken down in various parts. Massive traffic jams were witnessed at major roads due to inundation of rainwater.

Underpasses along the Canal Bank Road, Main Boulevard Gulberg, Lakshami Chowk, Mozang, Garhi Shahu, Chowk Nakhuda, Cooper Road, Revaz Garden, Shaarey Fatima Jinnah, Sir Agha Khan Road, Hameed Nizami Road, Main Boulevard Iqbal Town, Nisbat Road, Habib

mandi, Data Nagar, Nishat Colony, Tajpura, and Joray Pul were the worst affected areas.

Windstorm and wet conditions caused tripping of more than 180 LESCO feeders, plunging major portion of Lahore in darkness. About one dozen feeders could not be restored until filing of this report.

Rains made weather pleasant by causing considerable decrease in the mercury level. Maximum temperature was recorded 35 degree Celsius. Relative humidity in the evening was recorded 62 percent.

The relief, however, was short lived as abundance of sunshine after the stoppage of rains caused increase in temperature. High humidity made the weather sultry, causing people to sweat profusely.

According to the experts, moderate monsoon currents from Arabian Sea are continuously penetrating in northeastern parts and likely to strengthen in upper parts of the country from Friday evening/night. Westerly wave is also expected to enter upper parts of the country on Sunday. Due to the influence of this system, widespread rain thundershower with few moderate to heavy falls accompanied by windstorm is expected in Kashmir, Islamabad, Rawalpindi, Sargodha, Gujranwala, Lahore, Faisalabad, Malakand, Hazara, Peshawar, Mardan, Kohat, Bannu divisions from Friday evening/night to Thursday.

Rain dust thundershower is expected at isolated places in Zhob, DI Khan, DG Khan, Multan, Bahawalpur and Sahiwal divisions from Sunday evening/night to Thursday.

Heavy to very heavy falls are also expected at isolated places in Hazara, Faisalabad, Lahore

CM orders W drain out rain



OUR STAFF REPORTER/APP
LAHORE

Punjab Chief Minister Sardar Usman Buzdar has directed the Water and Sewerage Agency (WASA) to drain out rainwater at the earliest.

He stressed that the senior officials should personally supervise the field activities. He also instructed the traffic police to ensure uninterrupted flow of traffic.

CM VISITS PDMA HEAD OFFICE

Punjab Chief Minister Sardar Usman Buzdar Thursday visited the head office of Provincial Disaster Management Authority (PDMA) where he inspected various sections of the control room.

He also watched the early warning system and the media watch room, set up for keeping abreast on the relevant news. Provincial Minis-

“
Early warning system should be made more effective

More rain forecast for next 2-3 days



zeperur Road at Mozang Chungi after Thursday's rain.-Staff photo by Nawaz Alam

IQTIDAR GILANI LAHORE

Parts of the country, including Lahore, received rainfall of varying intensities on Thursday, bringing life to a standstill and causing urban flooding, massive traffic jams and frequent power outages.

Roads in major cities, including Lahore, were presenting scenes of lakes and ponds and it took civic agencies hours to drain out rainwater after the rain stopped.

Widespread rains/wind-thunderstorm with isolated heavy falls occurred in Rawalpindi, Gujranwala, Lahore, Sargodha, Malakand, Hazara, DI Khan divisions, Islamabad and Kashmir and at isolated places in Multan, DG Khan, Bahawalpur, Kalat and Zhob divisions.

Experts have forecast more rains

during the next 2-3 days.

In Lahore, strong winds started blowing at noon that followed by rains. Steady rains for about one hour submerged roads and streets, not only in low-lying areas but also several posh localities, in knee deep water. Inundated rainwater added to the woes of motorists and pedestrians. Massive traffic jams were witnessed on number of important arteries, including The Mall, Jail Road, Ferozpur Road, Sharey Fatima Jinnah, Sir Agha Khan Road, Multan Road and Canal Bank Road. Vehicles were seen broken down in various localities. Several incidents of skidding of motorcycles were also reported from various parts of the City.

High velocity winds and wet conditions caused tripping of dozens of Leasco feeders, putting portion of Lahore in darkness.

Overcast conditions, winds and

rains, however, provided much needed respite to the people from prevailing muggy weather by causing considerable decrease in the mercury level during the day and at nighttime.

Maximum temperature in the City was recorded 32 degree Celsius. Relative humidity in the evening was recorded 83 per cent.

According to the experts, a seasonal low lies over north Balochistan. Strong monsoon currents from Arabian Sea and Bay of Bengal are penetrating upper and central parts of the country.

Local meteorological department has forecast cloudy weather with chances of thunderstorm/rain for the City during the next 2-3 days.

Rains/wind-thunderstorm with isolated heavy falls are expected in upper Punjab (Rawalpindi, Gujranwala, Lahore, Sargodha, Faisalabad divisions), Hazara division, Islam-

abad and Kashmir and at isolated places in Zhob, Kalat, Sukkur, Mirpurkhas, DG Khan, Multan, Bahawalpur, Sahiwal, DI Khan, Bannu, Peshawar, Kohat, Malakand divisions and Gilgit-Balistan.

Islamabad received 155mm rain, Rawalpindi 76mm, Sialkot 74mm, Mangla 64mm, Bhakkar 56mm, Balakot 49mm, Jhelum 48mm, Lahore 46mm, Kalat 44mm, DI Khan 40mm, Chakwal 36mm, Murree 32mm, Kotli 28mm, Attock 26mm, Hafizabad and Gujranwala 24mm each, Kakul 22mm, Mandi Bahaudin 17mm, Narawal 16mm, Multan 15mm, Layyah 14mm, Kasur and Muzaffarabad 11mm each, Gujrat and Saidu Sharif 10mm each, Garidupatta 08mm, Cherat and Zhob 05mm each, DG Khan 04mm, Upper Dir 03mm, Lower Dir 02mm and Rawalakot 01mm.

Public Relations Office
News Report
2-8-2019



A VENDOR reads a newspaper while sitting in rainwater on Davies Road. — White Star / Aun Jafri

White Star

Public Relation Office
News Paper
12-07-19 Dawood



LAHORE: People wade through a flooded street after heavy rains on Thursday.—AP

Dawood

Public Relation Office
News Paper
12-07-19 اویس



امجالی اچی کھڑو مالو مسجد ہارن کے بعد لاش روڈ کے دروہ پر لگایا گیا کاجڑو سکر ہی ہیں۔

Public Relation Office
News Paper
12-07-19 خبریں



لاہور: شدید بارش کے بعد ایک بزرگ پرانی کڑا ہے۔

جنگ

07-07-19



(7) لاہور: ریلوے سٹیشن کے سامنے ہارن کا پانی مچ ہے جنگ

جناح

07-07-19



(7) لاہور: ہارن کے بعد جمع ہوئے لاپانی شہریوں کیلئے سائل کا سوبہ بن رہا ہے جناح

دنیا

08-07-19



یہیں 186 جموں کی تہن سورتی کے
پانی سے ہاتھوں کو دھو لایے گا سارا دنیا

Public Relation Office
 News Paper- Pakistan Today
 12-07-19



LAHORE: Despite the government's tall claims, the sewerage system in the provincial capital is still in dire straits, requiring the attention of the authorities concerned. Here are citizens who are facing trouble because of the accumulated rain water. ONLINE

Public Relation Office
 News Paper- دنیا
 12-07-19



لاہور: بارش کے باعث پنجاب اسمبلی کے باہر پانی کھڑا ہے

Public Relation Office
 News Paper- ایکسپریس
 12-07-19



لاہور کے علاقہ تاج پورہ سکیم میں بارش کے بعد سڑکیں ندی نالوں کا منظر پیش کر رہی ہیں

Public Relation Office
 News Paper- صفاقت
 12-07-19



لاہور صوبائی دارالحکومت میں بج کے دتے ہوئے والی بارش کا پانی پنجاب اسمبلی کے باہر جمع ہے

Public Relation Office
 News Paper- ایکسپریس
 12-07-19



لاہور کے قریب علاقہ تاج پورہ سکیم میں بارش کی روانگی میں سڑکیں اور گلیاں بھی

13-07-19

Dawn



RAINWATER accumulates in front of the mausoleum of Qutabuddin Aibak.— White Star

Dawn

News Paper

13-07-19

مکانہ



لاہور میں ایک گلی کے پانی میں گاڑی کا پانی بھرا ہوا ہے

News Paper

13-07-19

دینا



لاہور میں ایک گلی میں پانی بھرا ہوا ہے اور گاڑی کے پانی سے آلود ہے

Public Relation Office
News Paper:- جانب
29-7-2019



REPAIR work under way on a sinkhole which appeared on Johar Town main boulevard after rain on Sunday. — White Star

Dans

Public Relation Office
News Paper:- جانب
29-7-2019



لاہور پولیس کے سرکار کے ساتھ بائیں طرف

Public Relation Office
News Paper:- پاکستان
29-7-2019



لاہور پولیس کے سرکار روڈ کی طرف سے پانی کے دریا (فونڈیشن پاکستان)

Public Relation Office
News Paper- The News
29-7-19



The News

Rainwater on Kashmir Road. —Photo by Tariq Saeed

Public Relations Office
News Papers: The News
29-7-19



Davis Road after rain on Sunday. — Photo by Tariq Saad

The News

Public Relation ^{تعمیراتی} ~~...~~
News Paper:- ^{دیس}
26-7-2019 ~~...~~



Two potholes appear along The Mall. Photo by Mansoor Ahmed

The News

Public Relation ^{تعمیراتی} ~~...~~
News Paper:- ^{دیس}
26-7-2019 ~~...~~



پہلی بار کے لئے کلیمین اول جہاڑش کے بعد پانی پھونکنے سے مارنے کا سبب بن گئے

Public Relation Office

News Paper-

Express Tribune

26-7-19



DOWNPOUR: Sitting on his horse-cart, an elderly man makes his way through rainwater accumulated after heavy monsoon rain lashed the metropolis. PHOTO ONLINE

XT

City presents lake-like look

Public Relations Office

News Papers:

26-7-2019

The Nation



LAHORE:

— Nation

Public Relation Office
News Paper
26-7-2019

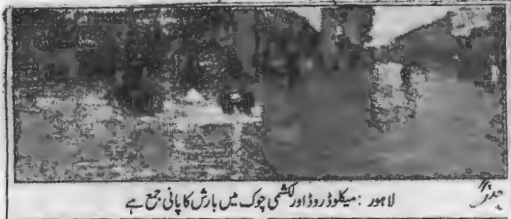


Chandigarh and Express Road after rain — Photo by Tarin Saad



Tr. No.

26-7-2019



لاہور: میکوڈ روڈ اور گھنٹی چوک میں بارش کا پانی جمع ہے

تمام سڑکوں میں ٹکائی آب کیلئے تمام وسائل

بروز کے کاروائی کے جائیس اور اجراء بشارت

لاہور (خصوصی رپورٹر) وزیر اعلیٰ پنجاب سردار عثمان بزدار کی ہدایت پر بارش سے پہلے ہونے والی صورتحال کا جائزہ لینے کے لئے صوبائی وزیر قانون راجہ بشارت کی زیر صدارت خصوصی اجلاس ہوا۔ صوبائی وزیر قانون راجہ بشارت نے اجلاس میں گفتگو کرتے ہوئے کہا کہ سب سے پہلے سڑکوں میں بارش کے پانی کے نکالنے کے لئے تمام تر وسائل بروئے کار لائے جائیں۔

26-7-2019



ڈیپٹی آئی جی شاپ کے قریب سڑک کا ٹکڑا بھی بارش کے پانی میں ڈوبا ہوا ہے

26-7-2019



لاہور: ٹیکس چوک اور شہر کے دیگر علاقوں میں بھاری بارش کے دوران ٹکائی آب کے اجراء کو یقین دہانے کے لئے آواز

26-7-2019



لاہور: طوفانی بارش سے ایک عام شاہراہ پر کھڑے پانی میں سے ایک شخص راجہ حائلہ گزر رہا ہے

26-7-2019



شہر کے مختلف علاقوں میں بارش کے پانی میں ڈوبا ہوا ہے

26-7-2019



مصری شاہ فاروق بیچ انڈر پاس کے قریب شہری بارش پانی میں پھنسی گاڑ کو نکالنے کی کوشش کر رہے ہیں

26-7-2019



شہر کے مختلف علاقوں میں بارش کا پانی جمع ہے

کے مختلف علاقوں میں بارش کے پانی کے مناظر (تصاویر بشمول کاشف)



شہر کے مختلف علاقوں میں بارش کے پانی کے مناظر



شہر کے مختلف علاقوں میں بارش کے پانی کے مناظر



شہر کے مختلف علاقوں میں بارش کے پانی کے مناظر



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شہر کے مختلف علاقوں میں بارش کے پانی کے مناظر

Public Relation Office

News Papers - The News

31-7-19



Laxmi Chowk after rain on Tuesday. —Photo by Tariq Saeed

The News

Public Relation Office
News Papers
31-07-19



THE motorcycle of a German couple, who is on a world tour, breaks down in rainwater at Lakshmi Chowk. — White Star / M. Arif

Down

More rain, wind-thunderstorm expected

Public Relations Office
News Paper - The Nation
31-7-19



The Nation

infectious diseases



پلڈرن ہسپتال کے سامنے بارش کا پانی گراؤ نے سے شہریوں کو مشکلات کا سامنا ہے



بارش کے دوران وہاں کے



اسی دورانیں کچھ کے سامنے بارش کا پانی جمع ہے



کھائی میں ہے



میں آبادی کی گڑبڑ میں گراؤ بارش کا پانی



بارش کا پانی گراؤ ہے



تحریک دیکھ کر بارش کے پانی کے شدید ٹکڑے گزری ہے



کھڑکیوں کو دیکھ کر ہے



میں آبادی کے لیے کی دیکھ کر بارش کے پانی سے گری ہوئی ہے



لکھ جائے گزری ہے



گولڈن جوبلی کے موقع پر



دعائی کتاب دیکھا ہے



کتاب دیکھ کر ہے



کتاب دیکھ کر ہے



ہاں

Public Relation Office
News Papers-
15-7-2019



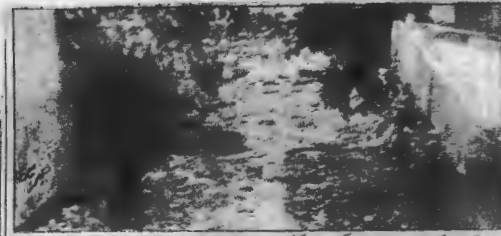
X بارش کے بعد ایک معروف شاہراہ پانی میں ڈوبی ہوئی ہے جبکہ ان سیٹ میں واسا عملہ پانی نکال رہا ہے

Public Relation Office
News Papers-
15-7-2019



لاہور: قذافی سٹیڈیم کے باہر بارش کا پانی جمع ہے

Public Relation Office
News Papers-
15-7-2019



برساتی ٹالاکھری کے باعث ہندوستان کی چوک میں بارش کا پانی جمع ہو رہا ہے متعلقہ حکام کو چرما ہیں۔

Public Relation Office
News Paper:-
16-07-19

نئی بات



لاہور کی سڑکیں بارش کے بعد بھی تالوں کا منظر پیش کر رہی ہیں (فوٹو: محمد شہد شریف) نمبر 10

Public Relation Office
News Paper:-
16-07-19

دنیا



دینا میں ہسپتال روڈ پر پانی کے پانی سے گزرنے پر مجبور ہیں (فوٹو: نسیم اعجاز)

21-7-2019 C.47

خیریں دوتے راولی بارش کے زمانہ



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں



دو تے راولی بارش میں چولے لے رہی ہیں

Public Relation Office
News Papers- City 42
24-07-19



فیروز پور ڈیم کے پاس پانی کے سطح پانی میں سے گاڑیوں کو گری ہوئی۔ (فوٹو اشتراکی)

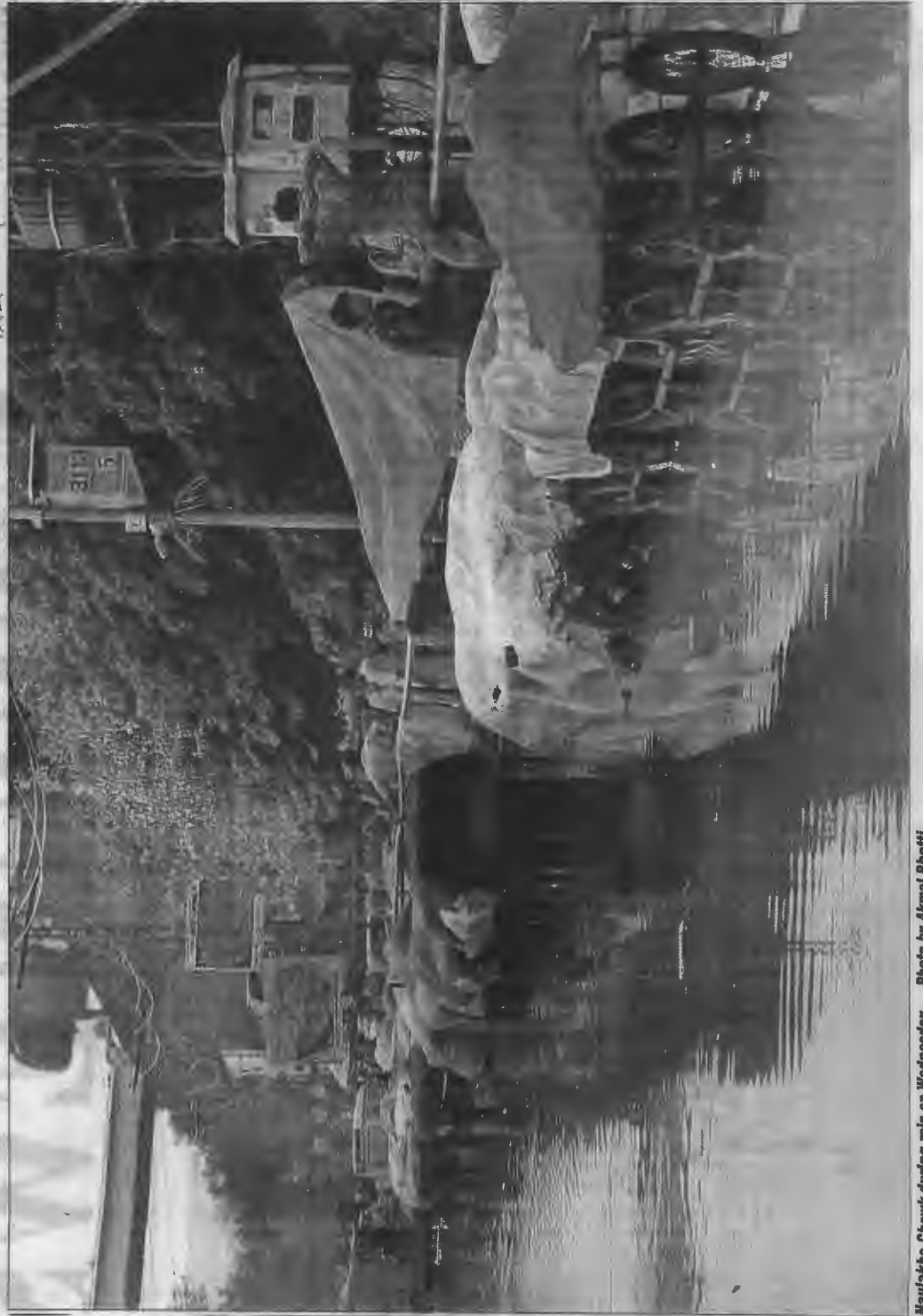
Public Relation Office
News Papers- نوائے
24-07-19



فیروز پور ڈیم کے پاس پانی کے سطح پانی میں سے گاڑیوں کو گری ہوئی۔ (فوٹو اشتراکی)

The News International Lahore, Thursday, July 25, 2019, 4

25-7-19



Maulakha Chowk during rain on Wednesday. —Photo by Akmal Bhatti

بارش کے بعد شہر کی سڑکوں پر جمع پانی کے منظر



شہر کی سڑکوں پر جمع پانی کے منظر سے گزر رہے ہیں



سج کے وقت ہونے والی بارش کے پانی ٹریک رواں ہوا ہے



جڑیا گھر میں بارش کے بعد جانوروں کے شہر کے ساتھ بارش کا پانی گھرا ہے



سج کے وقت ہونے والی بارش کے پانی سے موٹر سائیکل اور رکشاز گزر رہا ہے



گوبروڈ: بارش کے پانی میں سے ٹریک گز رہی ہے



ایک موٹر سائیکل سوار بارش کے پانی میں سے گزر رہا ہے



بندر روڈ کے علاقہ میں گلیوں میں بارش کا پانی جمع ہے



مٹان روڈ: ٹریک بارش کے پانی میں سے گزر رہی ہے



ٹول روڈ: بارش کے پانی سے سڑک کا منظر بگڑ رہا ہے



سٹی ہال کے علاقہ میں بارش کا پانی جو چڑکا منظر پیش کر رہا ہے



مارکیٹوں میں بارش کا پانی گھرا ہے



چوک حنیف خان: سڑکوں پر جمع پانی کے منظر سے گزر رہی ہے



بازار: بیت الماک دفتر کے سامنے بارش کے پانی سے سڑک ڈوبی ہوئی ہے

لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



دادان واٹھ کے میدان میں بارش کے پانی کے ساتھ



قادیانہ کے پورے علاقے میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



دہلی کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ



لاہور کے مختلف علاقوں میں بارش کے پانی کے ساتھ

Public Relation Officer
News Paper: - Express Tribune



IT'S RAINING, IT'S POURING: Citizens push a motorcycle rickshaw through the water accumulated on the roads during the monsoon season in Lahore.

X.T

Public Relation Officer
News Paper: - 23 Oct 2019
23-8-2019

LAHORE: Tailbacks affect all major roads of the city after heavy rainfall lashes the provincial capital, inundating low-lying areas. ZUBAIR MEHFOOZ



Public Relation Office
 News Paper- پاکستان
 2-8-2019



پہلا دھارا بارش کے دوران عابد ملوکٹ کے قریب سین روڈ پانی میں ڈوبی ہے (فٹو پاکستان) P

Public Relation Office
 News Paper- ع-42
 2-8-2019



42

Public Relation Office
 News Paper- اوسا
 2-8-2019



لاہور میں بارش کے بعد سرگرمیوں کا سلسلہ جاری ہے

Public Relation Office
 News Paper- پاک وقت
 2-8-2019



15 لاہور: ایکسپریس روڈ پر بارش کا پانی تیز ہے دوسری جانب ڈرائیوروں کو دھچکا کر رہے ہیں

Public Relation Office
 News Paper- پاکستان
 2-8-2019



پری 230 کے کوآرڈینیٹر ملک یوسف اعوان کا ایکسپریس ڈسٹریکشن ایوب کے ساتھ گروپ فوٹو

DETAILS OF MAJOR RAINFALL MONSOON 2020

DATED 10-08-2020





Rain Recoded in different areas of Lahore

Lahore Region Local Rainfall Dated 10-8-2020		
Rain Duration 05:46 AM to 10:55 AM		
Reporting Time: 11:05 AM		
Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	50
2	Air Port	82.8
3	Head Office WASA, Gulberg	52
4	Lakshmi Chowk	81
5	Upper Mall	81
6	Mughalpura SDO Office	47
7	Tajpura SDO Office	107
8	Nishter Town Director Office	98
9	Chowk Nakhuda	65
10	Pani Wala Talab	101
11	Farrukhabad	87
12	Gulshan-e-Ravi	73.5
13	Iqbal Town SDO Office	60
14	Samanabad SDO Office	76
15	Johar Town SDO Office	105
16	Punjab University	58
Monsoon Control Room, WASA Head Office Lahore		



Maximum Ponding and Ponding Clearance Time


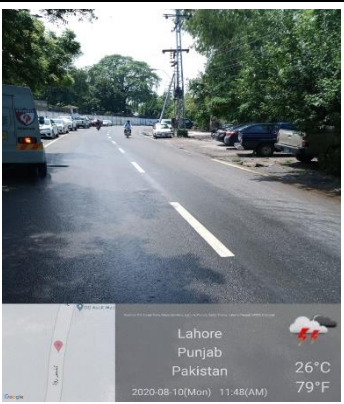


Ponding Report			Rain Stop Time 10:55 AM	
Dated: 10-08-2020			Reporting Time 18:10	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 18:10 (Inches)	Total Clearance Time
1	B-Block Tajpura	22"	Cleared at 05:45 PM	06 Hours 50 Minutes
2	Chowk Na-Khuda	3"	Cleared during rain	---
3	Chowk Qartaba Mazong	2"	Cleared at 11:40 AM	45 Minutes
4	Cooper Road	3"	Cleared at 12:30 PM	01 Hour 35 Minutes
5	Do Moria Pul	3"	Cleared at 11:05 AM	10 Minutes
6	Eik Moria Pul, Ravi Town	6"	Cleared at 11:05 AM	10 Minutes
7	Empress Road /Haji Camp	10"	Cleared at 11:20 AM	25 Minutes
8	Firdous Market	7"	Cleared at 11:08 AM	13 Minutes
9	Chouburji Chowk	10"	Cleared at 06:00 PM	07 Hours 05 Minutes
10	Davis Road	1"	Cleared at 11:30 AM	35 Minutes
11	GPO	No ponding	---	---
12	Kashmir Road	16"	Cleared at 11:50 AM	55 Minutes
13	Lakshmi Chowk	20"	Cleared during rain	---
14	Lytton Road	13"	Cleared at 11:30 AM	35 Minutes
15	Model Town Link Road	3"	Cleared at 11:35 AM	40 Minutes
16	Nabha Road	No ponding	---	---
17	O/S Bhaati Gate	20"	Cleared at 12:40 PM	01 Hour 45 Minutes
18	Secondary Board/Lawrence Road	No ponding	---	---
19	Shah Jamal	No ponding	---	---
20	Shairanwala Gate	12"	Cleared at 12:55 PM	02 Hours
21	Sultan Ahmad Road Ichra	10"	Cleared at 04:00 PM	05 Hours 5 Minutes
22	Tikka Chowk Johar Town	11"	Cleared at 01:02 PM	02 Hours 07 Minutes

Before and after Pictures Report


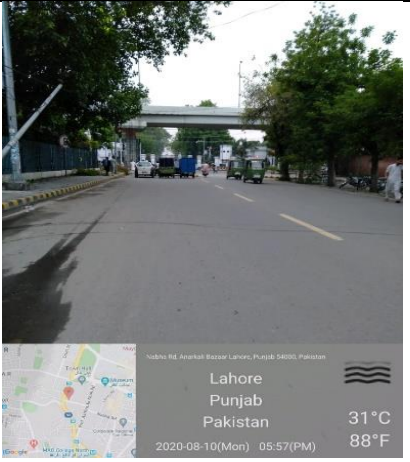




Sr. NO	Ponding point	Picture	Current Status	Current Picture
1	B_Block Tajpura	 <p>Weather overlay: Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 09:09(am)</p>	Clear at 5:45pm	 <p>Weather overlay: Lahore Punjab Pakistan 32°C 90°F 2020-08-10(Mon) 04:46(PM)</p>
2	Chowk Na_Khuda	 <p>Weather overlay: Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 10:09(am)</p>	Cleared during Rain	 <p>Weather overlay: Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 10:09(am)</p>

3	Chowk Qartaba Mozang	  <p>Chowk Qartaba Mozang, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 26°C 79°F 2020-08-10(Mon) 08:51(am)</p>	Clear at 11:40 AM	  <p>Chowk Qartaba Mozang, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 26°C 79°F 2020-08-10(Mon) 11:50(am)</p>
4	Cooper Road	  <p>Police Plaza Rd, Ferozpur Mohalla, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 26°C 79°F 2020-08-10(Mon) 11:19(AM)</p>	Clear at 12:30 PM	  <p>Lahore, Punjab, Pakistan Cooper Rd, Ferozpur Mohalla, Lahore, Punjab, Pakistan Lahore, Punjab, Pakistan 26°C 79°F 2020-08-10(Mon) 11:20(AM)</p>
5	Do_Moria Pull	  <p>Do Moria Pull, Mohalla, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 08:58(AM)</p>	Clear at 11:05 Am	  <p>Do Moria Pull, Mohalla, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 11:21(AM)</p>









6	Eik_Moria Pull, Ravi town			Clear at 11:05 AM	
7	Empress Road/ Haji Camp			Clear at 11:20 AM	
8	Firdous Market			Clear at 11:08 AM	
9	GPO	—		No Ponding	—

10	Kashmir Road		Clear at 11:50 AM	
11	Lakshmi Chowk		Cleared during Rain	

<p>12</p>	<p>Lytton Road</p>	 <p>2023-08-10 (Mon) 07:57 (AM) Lahore Punjab Pakistan 26°C 79°F</p>	<p>Clear at 11:30 AM</p>	 <p>2023-08-10 (Mon) 04:08 (PM) Lahore Punjab Pakistan 31°C 88°F</p>
<p>13</p>	<p>Model Town Link Road</p>	 <p>2023-08-10 (Mon) 07:57 (AM) Lahore Punjab Pakistan 25°C 77°F</p>	<p>Clear at 11:35 AM</p>	 <p>2023-08-10 (Mon) 07:57 (AM) Lahore Punjab Pakistan 26°C 79°F</p>

14	Nabha Road		No Ponding	
15	O/S Bhaati Gate		Clear at 12:40 PM	
16	Secondary Board/ Lawrence		No Ponding	

17	Shah Jamal		No Ponding	
18	Shairanwala Gate		Clear at 12:55 PM	
19	Sultan Ahmad Raod Ichra		Clear at 4:00 PM	

20	Tikka Chowk Johar Town	  <p>Lahore Punjab Pakistan 25°C 77°F 2020-08-10(Mon) 09:13(AM)</p>	Clear at 1:02 PM	  <p>Decimal DMS Latitude 31.472786 31°28'22" N Longitude 74.278998 74°16'44" E 28°C 82°F 2020-08-10(Mon) 12:58(pm)</p>
21	Chauburji	  <p>Lahore Punjab Pakistan 31°C 88°F 2020-08-10(Mon) 06:23(p.m.)</p>	Clear at 6:00 PM	  <p>Lahore Punjab Pakistan 26°C 79°F 2020-08-10(Mon) 06:28(am)</p>

DATED 20-08-2020





Rain Recoded in different areas of Lahore

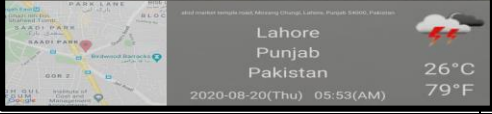




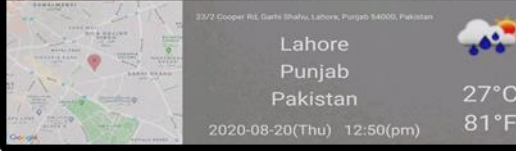
Lahore Region Local Rainfall Dated 20-08-2020		
Rain Duration: 12:12 AM to 08:15 AM		
Reporting Time: 09:30 AM		
Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	118
2	Air Port	97
3	Head Office WASA, Gulberg	97
4	Lakshmi Chowk	189
5	Upper Mall	141
6	Mughalpura SDO Office	84
7	Tajpura SDO Office	176
8	Nishter Town Director Office	155
9	Chowk Nakhuda	143
10	Pani Wala Talab	168
11	Farrukhabad	158
12	Gulshan-e-Ravi	160
13	Iqbal Town SDO Office	131
14	Samanabad SDO Office	153
15	Johar Town SDO Office	106
16	Punjab University	130
Monsoon Control Room, WASA Head Office Lahore		

Maximum Ponding and Ponding Clearance Time

Clearance of Rain Water Ponding Report			Rain Start Time: 12:12 AM	
			Rain Stop Time: 08:15 AM	
Dated: 20-08-2020			Reporting Time: 07:25 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding (Inches)	Current Status (Inches)	Total Clearance Time
1	B-Block Tajpura	36	Cleared at 4:00	7 Hours 45 Minutes
2	Chowk Na-Khuda	14	Cleared at 9:19	1 Hours 4 Minutes
3	Chowk Qartaba Mazong	25	Cleared at 10:39	2 Hours 24 Minutes
4	Cooper Road	12	Cleared at 12:20	4 Hours 5 Minutes
5	Do Moria Pul	2	Cleared During Rain	---
6	Eik Moria Pul, Ravi Town	5	Cleared at 8:45	30 Minutes
7	Empress Road /Haji Camp	16	Cleared at 1:30	5 Hours 15 Minutes
8	Firdous Market	14	Cleared at 3:30	7 Hours 15 Minutes
9	Chauburji Chowk	14	Cleared at 4:40	8 Hours 25 Minutes
10	Davis Road	3	Cleared at 10:11	1 Hours 56 Minutes
11	GPO	No Ponding	---	---
12	Kashmir Road	18	Cleared at 11:05	2 Hours 50 Minutes
13	Lakshmi Chowk	36	Cleared at 10:00	1 Hours 45 Minutes
14	Lytton Road	18	Cleared at 12:51	4 Hours 36 Minutes
15	Model Town Link Road	5	Cleared at 9:57	1 Hours 42 Minutes
16	Nabha Road	18	Cleared at 10:15	2 Hours 0 Minutes
17	O/S Bhaati Gate	18	Cleared at 11:51	3 Hours 36 Minutes
18	Secondary Board/Lawrence Road	No Ponding	---	---
19	Shah Jamal	No Ponding	---	---
20	Shairanwala Gate	18	Cleared at 9:59	49 Minutes
21	Sultan Ahmad Road Ichra	25	Cleared at 6:44	10 Hours 29 Minutes
22	Tikka Chowk Johar Town	14	Cleared at 10:11	1 Hours 56 Minutes






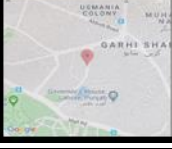
Before and after Pictures Report





Sr. NO	Ponding point	Picture	Current Status	Current Picture
1	B_Block Tajpura		Clear at 16:00	
2	Chowk Na_Khuda		Clear at 09:19	



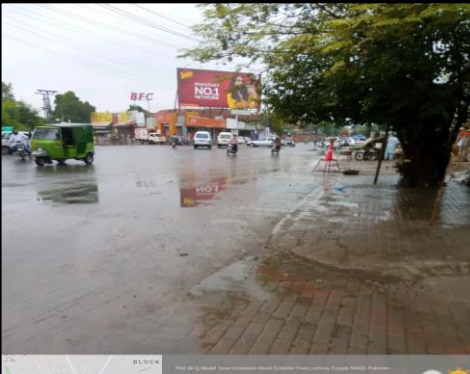



<p>3</p>	<p>Chowk Qartaba Mozang</p>	 <p>Clear at 10:39</p>  <p>Lahore Punjab Pakistan 26°C 79°F 2020-08-20(Thu) 05:53(AM)</p>	  <p>87 Temple Rd, Commercial Area Jubilee Town, Lahore, Punjab 54000, Pakistan Lahore Punjab Pakistan 25°C 77°F 2020-08-20(Thu) 10:39(am)</p>
<p>4</p>	<p>Cooper Road</p>	 <p>Clear at 12:20</p>	  <p>23/2 Cooper Rd, Darhi Shahu, Lahore, Punjab 54000, Pakistan Lahore Punjab Pakistan 27°C 81°F 2020-08-20(Thu) 12:50(pm)</p>

5	Do_Moria Pull	 <p>Before</p> <p>G.T. Rd, Misri Shah, Lahore, Punjab 54000, Pakistan Lahore Punjab Pakistan 24° 75' 2020-08-20(Thu) 06:54(AM)</p>	During Rain Cleared	 <p>After</p> <p>G.T. Rd, Misri Shah, Lahore, Punjab 54000, Pakistan Lahore Punjab Pakistan 24° 75' 2020-08-20(Thu) 07:47(AM)</p>
6	Eik_Moria Pull, Ravi town	 <p>Before</p> <p>Aziz Road, Misri Shah Lahore, Punjab Lahore Punjab Pakistan 2020-08-20(Thu) 05:09(AM)</p>	Clear at 08:45	 <p>After</p> <p>Ice Flats Rd, Farooq Gunj Mohalla, Lahore Lahore Punjab Pakistan 2020-08-20(Thu) 08:45</p>

<p>7</p>	<p>Empress Road/ Haji Camp</p>		<p>Clear at 13:30</p>	
<p>8</p>	<p>Firdous Market</p>		<p>Clear at 15:30</p>	


<p>9</p>	<p>GPO</p>		<p>No Ponding</p>	
<p>10</p>	<p>Kashmir Road</p>	 <div data-bbox="680 1129 1173 1278">  <p>Lahore Punjab Pakistan</p> <p>24°C 75°F</p> <p>2020-08-20(Thu) 07:43(AM)</p> </div>	<p>Clear at 11:05</p>	 <div data-bbox="1335 1129 1816 1278">  <p>Lahore Punjab Pakistan</p> <p>26°C 79°F</p> <p>2020-08-20(Thu) 11:05(AM)</p> </div>

<p>11</p>	<p>Lakshmi Chowk</p>	 <p>Shah Wali, Oila Gu Sing, Royal Park, Victoria Park</p> <p>Lahore Punjab Pakistan</p> <p>24°C 75°F</p> <p>2020-08-20(Thu) 06:54(am)</p>	<p>Clear at 10:00</p>	 <p>Shah Wali, Oila Gu Sing, Royal Park, Victoria Park</p> <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p> <p>2020-08-20(Thu) 10:11(AM)</p>
<p>12</p>	<p>Lytton Road</p>	 <p>8 Edward Rd, Anarkali Bazaar Lahore, Punjab 54000, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>24°C 75°F</p> <p>2020-08-20(Thu) 07:57(AM)</p>	<p>Clear at 12:51</p>	 <p>Lytton Road, Minerva Chowk, Lahore, Punjab 54000, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>26°C 79°F</p> <p>2020-08-20(Thu) 12:51(PM)</p>

13	Model Town Link Road	 <p data-bbox="683 574 1151 662">  Lahore Punjab Pakistan 27°C 81°F 2020-08-20(Thu) 06:13(am) </p>	Clear at 09:57	 <p data-bbox="1339 574 1807 662">  Lahore Punjab Pakistan 25°C 77°F 2020-08-20(Thu) 09:57(AM) </p>
14	Nabha Road		Clear at 10:15	

15	O/S Bhaati Gate	 <p>Before</p> <p>Lahore Punjab Pakistan 2020-08-20(Thu) 10:16</p>	Clear at 11:51	 <p>After</p> <p>Lahore Punjab Pakistan 2020-08-20(Thu) 11:29 25°C 77°F</p>
16	Secondary Board/Lawrence		No Ponding	

17	Shah Jamal	 <p>2020-08-20(Thu) 07:36(AM)</p>	No Ponding	 <p>2020-08-20(Thu) 07:36(AM)</p>
18	Shairanwal a Gate	 <p>Circular Rd, Feroq Gunj Mohalla, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>24°C 75°F</p> <p>2020-08-20(Thu) 05:37(am)</p>	Clear at 09:59	 <p>Circular Rd, Walled City of Lahore, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p> <p>2020-08-20(Thu) 09:58(am)</p>

<p>19</p>	<p>Sultan Ahmad Raod Ichra</p>	 	<p>Clear at 06:44</p>	 
<p>20</p>	<p>Tikka Chowk Johar Town</p>	 	<p>Clear at 10:11</p>	 

21

Chauburji



Clear at
16:40



DATED 30-08-2020



Rain Recoded in different areas of Lahore.



Lahore Region Local Rainfall Dated 30-08-2020		
Rain Duration 02:35PM to 04:50PM		
Reporting Time: 05:20 PM		
Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	0.01
2	Air Port	Nil
3	Head Office WASA, Gulberg	Nil
4	Lakshmi Chowk	21
5	Upper Mall	0.01
6	Mughalpura SDO Office	Nil
7	Tajpura SDO Office	Nil
8	Nishter Town Director Office	0.01
9	Chowk Nakhuda	15
10	Pani Wala Talab	70
11	Farrukhabad	76
12	Gulshan-e-Ravi	68
13	Iqbal Town SDO Office	0.01
14	Samanabad SDO Office	0.01
15	Johar Town SDO Office	0.01
Monsoon Control Room, WASA Head Office, Lahore		

Maximum Ponding and Ponding Clearance Time

Ponding Report			Rain Stop Time 16:50	
Dated: 30-08-2020			Reporting Time 18:30	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 18:30 (Inches)	Total Clearance Time
1	B-Block Tajpura	No Ponding	---	---
2	Chowk Na-Khuda	No Ponding	---	---
3	Chowk Qartaba Mazong	No Ponding	---	---
4	Cooper Road	No Ponding	---	---
5	Do Moria Pul	No Ponding	---	---
6	Eik Moria Pul, Ravi Town	No Ponding	---	---
7	Empress Road /Haji Camp	No Ponding	---	---
8	Firdous Market	No Ponding	---	---
9	Jinah Hospital U Turn	No Ponding	---	---
10	General Hospital	No Ponding	---	---
11	GPO	No Ponding	---	---
12	Kashmir Road	No Ponding	---	---
13	Lakshmi Chowk	No Ponding	---	---
14	Lytton Road	No Ponding	---	---
15	Model Town Link Road	No Ponding	---	---
16	Nabha Road	No Ponding	---	---
17	O/S Bhaati Gate	07 Inch	Cleared at 18:05	01 Hour 15 Minutes
18	Secondary Board/Lawrence Road	No Ponding	---	---
19	Shah Jamal	No Ponding	---	---
20	Shairanwala Gate	06 Inch	Cleared at 18:30	01 Hour 40 Minutes
21	Sultan Ahmad Road Ichra	No Ponding	---	---
22	Tikka Chowk Johar Town	No Ponding	---	---

Before and after Pictures Report

Sr. No.	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	NO PONDING		NO PONDING
2	GPO	NO PONDING		NO PONDING
3	Nabha Road	NO PONDING		NO PONDING
4	Kashmir Road	NO PONDING		NO PONDING
5	Shairanwala Gate		Cleared at 06:30 PM	

6	Eik Moria Pul, Ravi Town	NO PONDING		NO PONDING
7	Do Moria Pul	NO PONDING		NO PONDING
8	Chowk Nakhuda	NO PONDING		NO PONDING
9	O/S Bhatti Gate	 <p>2020-08-30(Sun) 04:35(pm)</p>	Cleared at 06:05 PM	 <p>2020-08-30(Sun) 18:04</p>
10	Cooper Road	NO PONDING		NO PONDING
11	Empress Road / Haji Camp	NO PONDING		NO PONDING
12	Shah Jamal	NO PONDING		NO PONDING

13	Lytton Road	NO PONDING		NO PONDING
14	Qartaba Chowk	NO PONDING		NO PONDING
15	Secondary Board/ Lawrence Road	NO PONDING		NO PONDING
16	Sultan Ahmad Road	NO PONDING		NO PONDING
17	B-Block Tajpura Scheme	NO PONDING		NO PONDING
18	Model Town Link Road	NO PONDING		NO PONDING
19	Davis Road	NO PONDING		NO PONDING
20	Tikka Chowk Johar Town	NO PONDING		NO PONDING
21	Firdous Market	NO PONDING		NO PONDING
22	Chuburji Chowk	NO PONDING		NO PONDING

DETAILS OF MAJOR RAINFALL MONSOON 2021

DATED 20-07-2021





Rain Recorded in different areas of Lahore






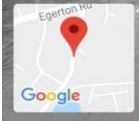


Lahore Region Local Rainfall Dated 20-07-2021		
Total Rain Duration: 04:15 AM to 1:40 PM		
Reporting Time: 03:05 PM		
Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	44
2	Air Port	51
3	Head Office WASA, Gulberg	56
4	Lakshmi Chowk	90
5	Upper Mall	57
6	Mughalpura SDO Office	62
7	Tajpura SDO Office	63
8	Nishter Town Director Office	101
9	Chowk Nakhuda	70
10	Pani Wala Talab	108
11	Farrukhabad	104
12	Gulshan-e-Ravi	75
13	Iqbal Town SDO Office	58
14	Samanabad SDO Office	73
15	Johar Town SDO Office	86.3
16	Punjab University	72
Monsoon Control Room, WASA Head Office Lahore		



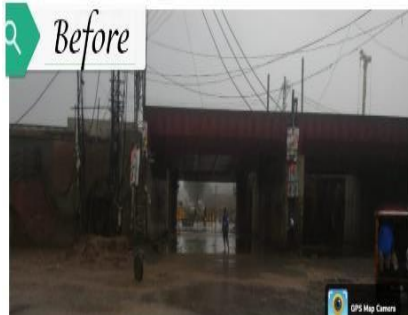

Maximum Ponding and Ponding Clearance Time

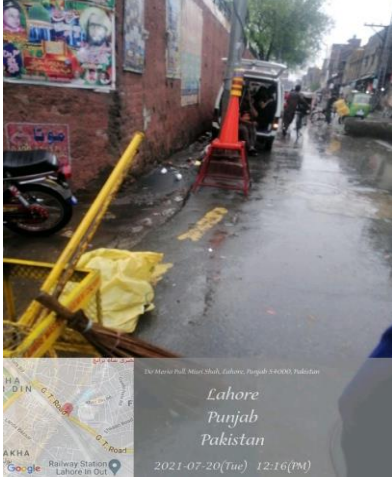


Ponding Report			Rain Stop Time: 01:40 PM	
Dated: 20-07-2021			Reporting Time 03:45 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 03:45 PM (Inches)	Total Clearance Time
1	B-Block Tajpura	6	Clear During Rain	---
2	Chowk Na-Khuda	No Ponding	Clear During Rain	---
3	Chowk Qartaba Mazong	3	Clear During Rain	---
4	Cooper Road	7	Clear During Rain	---
5	Do Moria Pul	No Ponding	Clear During Rain	---
6	Eik Moria Pul, Ravi Town	6	Clear During Rain	---
7	Empress Road /Haji Camp	6	Clear During Rain	---
8	Firdous Market	4	Clear During Rain	---
9	Chauburji Chowk	6	Cleared at 03:29	1 Hours 49 Minutes
10	Davis Road	4	Clear During Rain	---
11	GPO	6	Clear During Rain	---
12	Kashmir Road	8	Clear During Rain	---
13	Lakshmi Chowk	2	Clear During Rain	---
14	Lytton Road	4	Cleared at 3:01	1 Hours 21 Minutes
15	Model Town Link Road	1	Clear During Rain	---
16	Nabha Road	4	Clear During Rain	---
17	O/S Bhaati Gate	9	Clear During Rain	---
18	Secondary Board/Lawrence Road	No Ponding	Clear During Rain	---
19	Shah Jamal	No Ponding	Clear During Rain	---
20	Shairanwala Gate	12	Clear During Rain	---
21	Sultan Ahmad Road Ichra	3	Cleared at 2:13	33 Minutes
22	Tikka Chowk Johar Town	11	Cleared at 2:00	20 Minutes


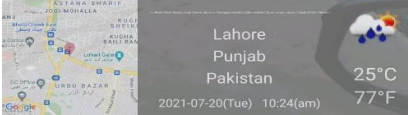

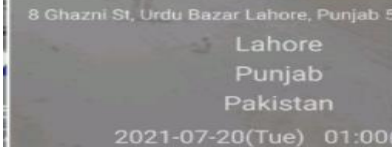

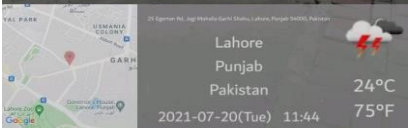

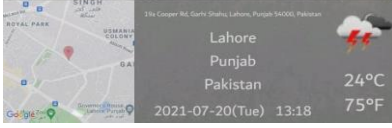
Before and after Pictures Report





















Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	 <p>A photograph showing a street in Lakshmi Chowk, Lahore, completely flooded with murky water. A blue water truck is in the background, and a person in a blue uniform is wading through the water. A Google Maps overlay at the bottom shows the location: Lahore, Punjab, Pakistan, Dyal Singh College Bus Stop, Royal Park, Lahore, Punjab 54000, Pakistan. Coordinates: Lat N 31° 34' 3.4284", Long E 74° 19' 24.8772". Time: 20/07/21 10:07 AM.</p>	<p>Cleared During Rain</p>	 <p>A photograph showing the same street in Lakshmi Chowk, Lahore, after the water has been cleared. The road surface is wet but free of standing water. A person in a yellow and blue uniform is visible on the left. A Google Maps overlay at the bottom shows the location: Lahore, Punjab, Pakistan, Dyal Singh College Bus Stop, Royal Park, Lahore, Punjab 54000, Pakistan. Coordinates: Lat N 31° 34' 3.4068", Long E 74° 19' 25.0608". Time: 20/07/21 11:32 AM.</p>
2	G.P.O	 <p>A photograph showing a street at G.P.O, Lahore, completely flooded with murky water. Several people are wading through the water. A timestamp at the bottom right reads: Jul 20, 2021 10:12:00 AM.</p>	<p>Cleared During Rain</p>	 <p>A photograph showing the same street at G.P.O, Lahore, after the water has been cleared. The road surface is wet and covered with some debris. A timestamp at the bottom right reads: Jul 20, 2021 10:59:46 AM.</p>


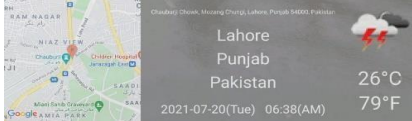

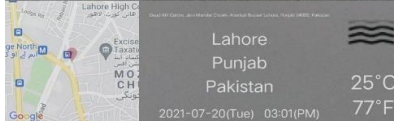

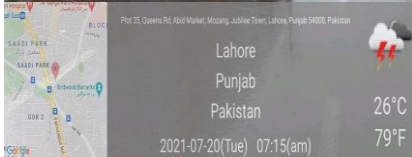

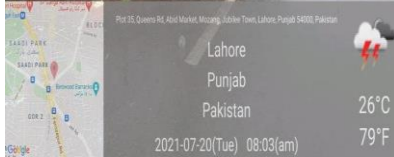
<p>3</p>	<p>Nabha Road</p>	  <p>Lahore Punjab Pakistan 25°C 77°F 2021-07-20(Tue) 10:27(am)</p>	<p>Cleared During Rain</p>	  <p>Lahore Punjab Pakistan 24°C 75°F 2021-07-20(Tue) 12:15(pm)</p>
<p>4</p>	<p>Kashmir Road</p>	  <p>Lahore, Punjab, Pakistan Kashmir Rd, Sunny View, Mayo Gardens, Lahore, Punjab, Garhi Shahu, Lahore, Punjab 54000, Pakistan Lat N 31° 33' 35.6724" Long E 74° 19' 56.7372" 20/07/21 11:12 AM</p>	<p>Cleared During Rain</p>	  <p>Lahore, Punjab, Pakistan 49 Shahrāh-e-Qaid-e-Azam, Jubilee Town, Lahore, Punjab 54000, Pakistan Lat N 31° 33' 18.828" Long E 74° 19' 58.4508" 20/07/21 12:18 PM</p>


<p>5</p>	<p>Shairan-wala Gate</p>	 <p>Circular Rd, Walled City of Lahore, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p> <p>2021-07-20(Tue) 10:32(am)</p>	<p>Cleared During Rain</p>	 <p>Circular Rd, Walled City of Lahore, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p> <p>2021-07-20(Tue) 01:34(pm)</p>
<p>6</p>	<p>Eik Moria Pull, Ravi Town</p>	<p><i>Before</i></p>  <p>Lahore, Punjab, Pakistan</p> <p>Domoria Bridge, GT Rd, Saddique Colony, Nizamabad, Lahore, Punjab, Miski Shah Lahore, Punjab, Pakistan</p> <p>Lat 31.584215° Long 74.330137°</p> <p>20/07/21 09:39 AM</p>	<p>Cleared During Rain</p>	<p><i>After</i></p>  <p>Lahore, Punjab, Pakistan</p> <p>Miski Shah, Lahore, Punjab, Pakistan</p> <p>Lat 31.584518° Long 74.330182°</p> <p>20/07/21 11:50 AM</p>





7	Do Moria Pull	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	
8	Chowk Nakhuda		<p style="text-align: center;">Cleared During Rain</p>	

















<p>9</p>	<p>O/S Bhatti Gate</p>	 <p>A street view image showing a road completely submerged in brown floodwater. Buildings and trees are visible in the background under an overcast sky.</p>  <p>Lahore Punjab Pakistan 25°C 77°F 2021-07-20(Tue) 10:24(am)</p>	<p>Cleared During Rain</p>	 <p>A street view image showing the same road as in the previous image, but now clear of floodwater. The road is wet and reflective, with a white van and a motorcycle visible. A red 'A' sign is visible in the background.</p>  <p>8 Ghazni St, Urdu Bazar Lahore, Punjab 5 Lahore Punjab Pakistan 2021-07-20(Tue) 01:00</p>
<p>10</p>	<p>Cooper Road</p>	 <p>A street view image showing a road with floodwater. A red car is driving through the water, splashing. Motorcycles are also visible. A white wall and power lines are on the left.</p>  <p>Lahore Punjab Pakistan 24°C 75°F 2021-07-20(Tue) 11:44</p>	<p>Cleared During Rain</p>	 <p>A street view image showing the same road as in the previous image, but now clear of floodwater. The road is wet and reflective. A white wall and power lines are on the left.</p>  <p>Lahore Punjab Pakistan 24°C 75°F 2021-07-20(Tue) 13:18</p>







<p>11</p>	<p>Empress Road/ Haji Camp</p>	  <table border="1" data-bbox="860 568 1126 687"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.57186</td> <td>31°34'18" N</td> <td rowspan="2">  26°C 79°F </td> </tr> <tr> <td>Longitude</td> <td>74.335203</td> <td>74°20'6" E</td> </tr> <tr> <td colspan="4">2021-07-20(Tue) 06:20(AM)</td> </tr> </tbody> </table>		Decimal	DMS		Latitude	31.57186	31°34'18" N	 26°C 79°F	Longitude	74.335203	74°20'6" E	2021-07-20(Tue) 06:20(AM)				<p>Cleared During Rain</p>	  <table border="1" data-bbox="1453 523 1742 687"> <tbody> <tr> <td>Lahore</td> <td rowspan="2">  24°C 75°F </td> </tr> <tr> <td>Punjab</td> </tr> <tr> <td>Pakistan</td> <td></td> </tr> <tr> <td colspan="2">2021-07-20(Tue) 12:41(PM)</td> </tr> </tbody> </table>	Lahore	 24°C 75°F	Punjab	Pakistan		2021-07-20(Tue) 12:41(PM)	
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<p>12</p>	<p>Shah Jamal</p>	  <table border="1" data-bbox="860 1083 1126 1214"> <tbody> <tr> <td>Lahore</td> <td rowspan="2">  27°C 81°F </td> </tr> <tr> <td>Punjab</td> </tr> <tr> <td>Pakistan</td> <td></td> </tr> <tr> <td colspan="2">2021-07-20(Tue) 06:11(AM)</td> </tr> </tbody> </table>	Lahore	 27°C 81°F	Punjab	Pakistan		2021-07-20(Tue) 06:11(AM)		<p>Cleared During Rain</p>	  <table border="1" data-bbox="1453 1043 1742 1214"> <tbody> <tr> <td>Lahore</td> <td rowspan="2">  26°C 79°F </td> </tr> <tr> <td>Punjab</td> </tr> <tr> <td>Pakistan</td> <td></td> </tr> <tr> <td colspan="2">2021-07-20(Tue) 04:25(PM)</td> </tr> </tbody> </table>	Lahore	 26°C 79°F	Punjab	Pakistan		2021-07-20(Tue) 04:25(PM)									
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<p>13</p>	<p>Lytton Road</p>	 	<p>Cleared at 03:01 PM</p>	 
<p>14</p>	<p>Chowk Qartaba</p>	 	<p>Cleared During Rain</p>	 

<p>15</p>	<p>Secondary Board/ Lawrence Road</p>		<p>Cleared During Rain</p>	
<p>16</p>	<p>Sultan Ahmed Road</p>		<p>Cleared at 02:13 PM</p>	

<p>17</p>	<p>B-Block Tajpura Scheme</p>	 <p>Before</p>	<p>Cleared During Rain</p>	 <p>After</p> <p>PIC-COLLAGE</p>
<p>18</p>	<p>Model Town Link Road</p>	  <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p>	<p>Cleared During Rain</p>	  <p>Lahore Punjab Pakistan</p> <p>25°C 77°F</p>

<p>19</p>	<p>Davis Road</p>	 <div data-bbox="721 542 1137 657"> <table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.561355</td> <td>31°33'40" N</td> <td rowspan="2">  26°C 79°F </td> </tr> <tr> <td>Longitude</td> <td>74.337237</td> <td>74°20'14" E</td> </tr> <tr> <td colspan="4">2021-07-20(Tue) 06:53(AM)</td> </tr> </tbody> </table> </div>		Decimal	DMS		Latitude	31.561355	31°33'40" N	 26°C 79°F	Longitude	74.337237	74°20'14" E	2021-07-20(Tue) 06:53(AM)				<p>Cleared During Rain</p>	 <div data-bbox="1355 542 1760 657"> <table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.561355</td> <td>31°33'40" N</td> <td rowspan="2">  24°C 75°F </td> </tr> <tr> <td>Longitude</td> <td>74.337237</td> <td>74°20'14" E</td> </tr> <tr> <td colspan="4">Lahore Punjab Pakistan 2021-07-20(Tue) 12:49(PM)</td> </tr> </tbody> </table> </div>		Decimal	DMS		Latitude	31.561355	31°33'40" N	 24°C 75°F	Longitude	74.337237	74°20'14" E	Lahore Punjab Pakistan 2021-07-20(Tue) 12:49(PM)			
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<p>20</p>	<p>Tikka Chowk Johar Town</p>	 <div data-bbox="721 965 1137 1117"> <table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.472775</td> <td>31°28'21" N</td> <td rowspan="2">  24°C 75°F </td> </tr> <tr> <td>Longitude</td> <td>74.278885</td> <td>74°16'43" E</td> </tr> <tr> <td colspan="4">2021-07-20(Tue) 12:44(PM)</td> </tr> </tbody> </table> </div>		Decimal	DMS		Latitude	31.472775	31°28'21" N	 24°C 75°F	Longitude	74.278885	74°16'43" E	2021-07-20(Tue) 12:44(PM)				<p>Cleared at 02:00 PM</p>	 <div data-bbox="1355 965 1760 1117"> <table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> <th></th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.472775</td> <td>31°28'21" N</td> <td rowspan="2">  25°C 77°F </td> </tr> <tr> <td>Longitude</td> <td>74.278885</td> <td>74°16'43" E</td> </tr> <tr> <td colspan="4">2021-07-20(Tue) 02:00(PM)</td> </tr> </tbody> </table> </div>		Decimal	DMS		Latitude	31.472775	31°28'21" N	 25°C 77°F	Longitude	74.278885	74°16'43" E	2021-07-20(Tue) 02:00(PM)			
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<p>21</p>	<p>Firdous Market</p>	 <p>Lahore, Punjab, Pakistan MM Alam Rd, Block J Gulberg St, Lahore, Punjab Lat 31.562769° Long 74.34903° 20/07/21 10:36 AM</p>	<p>Cleared During Rain</p>	 <p>Lahore Punjab Pakistan 2021-07-20(Tue) 12:09</p>
<p>22</p>	<p>Chuburji Mozang</p>	  <p>Lahore Punjab Pakistan 25°C 77°F 2021-07-20(Tue) 10:02(AM)</p>	<p>Cleared at 03:29 PM</p>	  <p>Lahore Punjab Pakistan 25°C 77°F 2021-07-20(Tue) 03:29(PM)</p>

DATED 21-07-2021

Rain Recorded in different areas of Lahore

Lahore Region Local Rainfall Dated 21-07-2021

Total Rain Duration: 02:49 AM to 05:45 AM

Reporting Time: 09:30 AM

Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	33
2	Air Port	31
3	Head Office WASA, Gulberg	30.5
4	Lakshmi Chowk	33
5	Upper Mall	21
6	Mughalpura SDO Office	23
7	Tajpura SDO Office	37
8	Nishter Town Director Office	23
9	Chowk Nakhuda	9
10	Pani Wala Talab	19
11	Farrukhabad	20
12	Gulshan-e-Ravi	9
13	Iqbal Town SDO Office	11
14	Samanabad SDO Office	9
15	Johar Town SDO Office	25
16	Punjab University	16


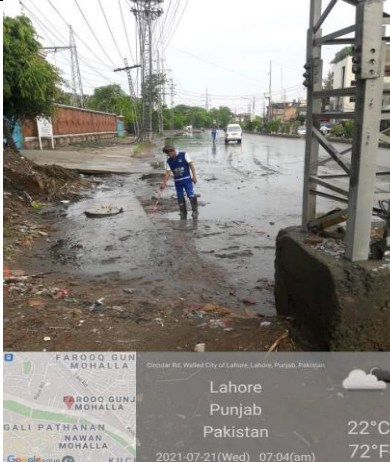
Monsoon Control Room, WASA Head Office Lahore


Maximum Ponding and Ponding Clearance Time



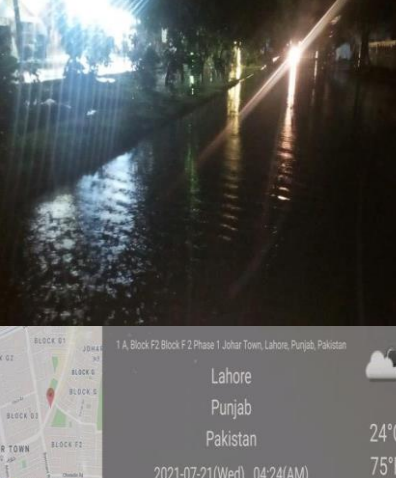

Ponding Report			Rain Stop Time: 05:45 AM	
Dated: 21-07-2021			Reporting Time 09:20 AM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 09:20 PM (Inches)	Total Clearance Time
1	B-Block Tajpura	3	Clear During Rain	---
2	Chowk Na-Khuda	No Ponding	Clear During Rain	---
3	Chowk Qartaba Mazong	No Ponding	Clear During Rain	---
4	Cooper Road	3	Cleared at 08:05	2 Hours 20 Minutes
5	Do Moria Pul	No Ponding	Clear During Rain	---
6	Eik Moria Pul, Ravi Town	No Ponding	Clear During Rain	---
7	Empress Road /Haji Camp	No Ponding	Clear During Rain	---
8	Firdous Market	No Ponding	Clear During Rain	---
9	Chauburji Chowk	2	Cleared at 08:31	2 Hours 46 Minutes
10	Davis Road	No Ponding	Clear During Rain	---
11	GPO	No Ponding	Clear During Rain	---
12	Kashmir Road	No Ponding	Clear During Rain	---
13	Lakshmi Chowk	No Ponding	Clear During Rain	---
14	Lytton Road	No Ponding	Clear During Rain	---
15	Model Town Link Road	No Ponding	Clear During Rain	---
16	Nabha Road	No Ponding	Clear During Rain	---
17	O/S Bhaati Gate	No Ponding	Clear During Rain	---
18	Secondary Board/Lawrence Road	No Ponding	Clear During Rain	---
19	Shah Jamal	No Ponding	Clear During Rain	---
20	Shairanwala Gate	5	Cleared at 07:04	1 Hour 19 Minutes
21	Sultan Ahmad Road Ichra	No Ponding	Clear During Rain	---
22	Tikka Chowk Johar Town	3	Cleared at 06:31	46 Minutes


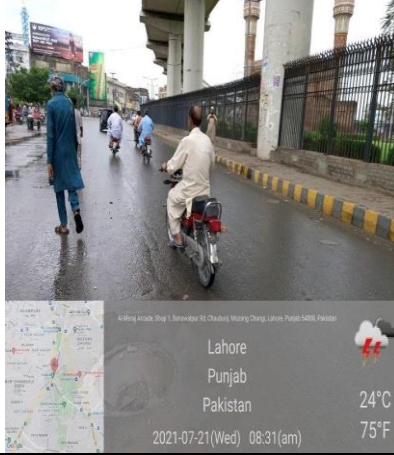
Before and after Pictures Report

Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	No Ponding	Cleared During Rain	No Ponding
2	G.P.O	No Ponding	Cleared During Rain	No Ponding
3	Nabha Road	No Ponding	Cleared During Rain	No Ponding
4	Kashmir Road	No Ponding	Cleared During Rain	No Ponding

5	Shairan-wala Gate		Cleared at 07:04 AM	
6	Eik Moria Pull, Ravi Town	No Ponding	Cleared During Rain	No Ponding
7	Do Moria Pull	No Ponding	Cleared During Rain	No Ponding
8	Chowk Nakhuda	No Ponding	Cleared During Rain	No Ponding
9	O/S Bhatti Gate	No Ponding	Cleared During Rain	No Ponding

10	Cooper Road	3"	Cleared at 08:05 AM	
11	Empress Road/ Haji Camp	No Ponding	Cleared During Rain	No Ponding
12	Shah Jamal	No Ponding	Cleared During Rain	No Ponding
13	Lytton Road	No Ponding	Cleared at 03:01 PM	No Ponding
14	Chowk Qartaba	No Ponding	Cleared During Rain	No Ponding
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road	No Ponding	Cleared at 02:13 PM	No Ponding

17	B-Block Tajpura Scheme		Cleared During Rain	
18	Model Town Link Road	No Ponding	Cleared During Rain	No Ponding
19	Davis Road	No Ponding	Cleared During Rain	No Ponding
20	Tikka Chowk Johar Town		Cleared at 06:31 AM	

21	Firdous Market	No Ponding	Cleared During Rain	No Ponding
22	Chuburji Mozang		Cleared at 08:31 AM	

DATED 31-07-2021

Rain Recorded in different areas of Lahore

Lahore Region Local Rainfall Dated 31-07-2021		
Total Rain Duration:		
1st spell:12:06 PM to 02:10 PM		
2nd spell:03:46 PM to 05:15 PM		
Reporting Time: 06:50 PM		
Sr. No.	Rain Gauge Stations	Rainfall (mm)
1	Jail Road	60
2	Air Port	26
3	Head Office WASA, Gulberg	49
4	Lakshmi Chowk	60
5	Upper Mall	20.5
6	Mughalpura SDO Office	32
7	Tajpura SDO Office	8
8	Nishter Town Director Office	6
9	Chowk Nakhuda	105
10	Pani Wala Talab	132
11	Farrukhabad	128
12	Gulshan-e-Ravi	1
13	Iqbal Town SDO Office	3.5
14	Samanabad SDO Office	18
15	Johar Town SDO Office	4
16	Punjab University	3
Monsoon Control Room, WASA Head Office Lahore		

Maximum Ponding and Ponding Clearance Time






Ponding Report			Rain Stop Time: 05:15 PM	
Dated: 31-07-2021			Reporting Time 9:20 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 09:20 PM (Inches)	Total Clearance Time
1	B-Block Tajpura	No Ponding	Cleared During Rain	---
2	Chowk Na-Khuda	No Ponding	Cleared During Rain	---
3	Chowk Qartaba Mazong	19	Cleared at 06:54 PM	1 Hour 39 Minutes
4	Cooper Road	8	Cleared at 07:43 PM	2 Hours 28 Minutes
5	Do Moria Pul	No Ponding	Cleared During Rain	---
6	Eik Moria Pul, Ravi Town	4	Cleared at 07:22 PM	2 Hours 7 Minutes
7	Empress Road /Haji Camp	8	Cleared at 08:45 PM	3 Hours 30 Minutes
8	Firdous Market	No Ponding	Cleared During Rain	---
9	Chauburji Chowk	12	Cleared at 07:38 PM	2 Hours 23 Minutes
10	Davis Road	6	Cleared at 08:20 PM	3 Hours 5 Minutes
11	GPO	10	Cleared at 05:57 PM	42 Minutes
12	Kashmir Road	8	Cleared at 08:52 PM	3 Hours 37 Minutes
13	Lakshmi Chowk	No Ponding	Cleared During Rain	---
14	Lytton Road	10	Cleared at 08:54 PM	3 Hours 39 Minutes
15	Model Town Link Road	No Ponding	Cleared During Rain	---
16	Nabha Road	8	Cleared at 07:09 PM	1 Hour 54 Minutes
17	O/S Bhaati Gate	14	Cleared at 08:44 PM	3 Hours 29 Minutes
18	Secondary Board/Lawrence Road	No Ponding	Cleared During Rain	---
19	Shah Jamal	8	Cleared During Rain	---
20	Shairanwala Gate	14	Cleared at 07:56 PM	2 Hours 41 Minutes
21	Sultan Ahmad Road Ichra	10	Cleared at 07:39 PM	2 Hours 24 Minutes
22	Tikka Chowk Johar Town	No Ponding	Cleared During Rain	---





Before and after Pictures Report


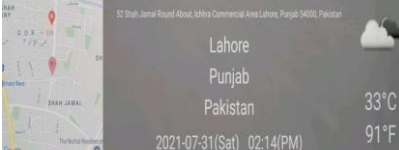

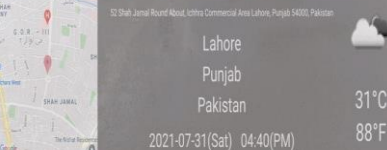


Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	No Ponding	Cleared During Rain	No Ponding





<p>2</p>	<p>G.P.O</p>	 	<p>Cleared 05:57PM</p>	 
<p>3</p>	<p>Nabha Road</p>	 	<p>Cleared at 07:09PM</p>	 



<p>4</p>	<p>Kashmir Road</p>		<p>Cleared at 08:52PM</p>	 <div data-bbox="1368 579 1742 694">  <p>Lahore, Punjab, Pakistan Kashmir Rd, Sunny View, Mayo Gardens, Lahore, Punjab, Garhi Shahu, Lahore, Punjab 54000, Pakistan Lat N 31° 33' 35.6796" Long E 74° 19' 56.8992" 31/07/21 08:55 PM</p> </div>
<p>5</p>	<p>Shairan-wala Gate</p>	 <div data-bbox="725 1034 1131 1197">  <p><i>Circular Rd, Farooq Gunj Mahalla, Lahore, Punjab, Pakistan</i></p> <p>Lahore Punjab Pakistan</p> <p>29°C 84°F</p> <p>2021-07-31(Sat) 05:07(pm)</p> </div>	<p>Cleared at 07:56PM</p>	 <div data-bbox="1361 1034 1758 1197">  <p><i>Circular Rd, Farooq Gunj Mahalla, Lahore, Punjab, Pakistan</i></p> <p>Lahore Punjab Pakistan</p> <p>28°C 82°F</p> <p>2021-07-31(Sat) 07:56(pm)</p> </div>

6	Eik Moria Pull, Ravi Town	 <p>Before</p> <p>Lahore, Punjab, Pakistan Domoria Bridge, GT Rd, Saddique Cd Punjab, Misri Shah Lahore, Punjab, P Lat 31.584155° Long 74.330143° 31/07/21 04:49 PM</p>	Cleared at 07:22PM	 <p>After</p> <p>Lahore, Punjab, Pakistan Domoria Bridge, GT Rd, Saddique Cd Punjab, Misri Shah Lahore, Punjab, P Lat 31.584114° Long 74.330194° 31/07/21 07:22 PM</p>
7	Do Moria Pull	No Ponding	Cleared During Rain	No Ponding
8	Chowk Nakhuda	No Ponding	Cleared During Rain	No Ponding
9	O/S Bhatti Gate	 <p>Before</p> <p>Lahore, Punjab, P 8 Ghazni St, Urdu Bazar L Lat 31.577491° Long 74.308486° 31/07/21 07:06 PM</p>	Cleared at 08:44PM	  <p>Lahore Punjab Pakistan 28°C 82°F 2021-07-31(Sat) 08:44(pm)</p>

<p>10</p>	<p>Cooper Road</p>	 <p>Lahore, Punjab, Pakistan Cooper Rd, Mayo Gardens, Lahore, Punjab, Garhi Shahu, Lahore, Punjab 54000, Pakistan Lat 31.562198° Long 74.32822° 31/07/21 01:41 PM</p>	<p>Cleared at 07:43 PM</p>	 <p>Lahore Punjab Pakistan 28°C 82°F 2021-07-31(Sat) 07:43(pm)</p>
<p>11</p>	<p>Empress Road/ Haji Camp</p>	 <p>54000, Garhi Shahu, Lahore, Punjab 54000, Pakistan Lahore Punjab Pakistan 33°C 91°F 2021-07-31(Sat) 01:10(pm)</p>	<p>Cleared at 08:45 PM</p>	 <p>7 Empress Rd, Garhi Shahu, Lahore, Punjab 54000, Pakistan Latitude 31.57170452° Longitude 74.33528615° Local 08:45:06 PM Altitude 169.29 meters GMT 03:45:06 PM Saturday, 31-07-2021</p>

<p>12</p>	<p>Shah Jamal</p>	 	<p>Cleared During Rain</p>	 
<p>13</p>	<p>Lytton Road</p>		<p>Cleared at 08:54PM</p>	

14	Chowk Qartaba		Cleared at 06:54PM	
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road		Cleared at 07:39PM	

17	B-Block Tajpura Scheme	No Ponding	Cleared During Rain	No Ponding
18	Model Town Link Road	No Ponding	Cleared During Rain	No Ponding
19	Davis Road	 <p>9 Davis Road, Garhi Shahu, Lahore, Punjab 54000, Pakistan</p> <p>Latitude 31.56056441° Longitude 74.33801752° Local 02:27:59 PM Altitude 162.04 meters GMT 09:27:59 AM Saturday, 31-07-2021</p>	Cleared at 08:20PM	 <p>4 Ambassador Hotel Road, Garhi Shahu, Lahore, Punjab, Pakistan</p> <p>Latitude 31.56156592° Longitude 74.33734236° Local 08:20:14 PM Altitude 154.69 meters GMT 03:20:14 PM Saturday, 31-07-2021</p>
20	Tikka Chowk Johar Town	No Ponding	Cleared During Rain	No Ponding
21	Firdous Market	No Ponding	Cleared During Rain	No Ponding

22

Chuburji
Mozang



Cleared at
07:38PM



DATED 03-08-2021

Rain Recorded in different areas of Lahore



Lahore Region Local Rainfall Dated 03-08-2021		
Total Rain Duration: 01:37 PM to 4:30 PM		
Reporting Time: 04:35 PM		
;	Rain Gauge Stations	Rainfall (mm)
1	Jail Road	4
2	Air Port	Traces
3	Head Office WASA, Gulberg	9
4	Lakshmi Chowk	Traces
5	Upper Mall	1
6	Mughalpura SDO Office	1
7	Tajpura SDO Office	Traces
8	Nishter Town Director Office	22
9	Chowk Nakhuda	NIL
10	Pani Wala Talab	NIL
11	Farrukhabad	NIL
12	Gulshan-e-Ravi	14
13	Iqbal Town SDO Office	17
14	Samanabad SDO Office	2
15	Johar Town SDO Office	26
Monsoon Control Room, WASA Head Office Lahore		


Maximum Ponding and Ponding Clearance Time

Ponding Report			Rain Stop Time: 4:30 PM	
Dated: 03-08-2021			Reporting Time 07:25 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 07:25 PM (Inches)	Total Clearance Time
1	B-Block Tajpura	No Ponding	Cleared During Rain	---
2	Chowk Na-Khuda	No Ponding	Cleared During Rain	---
3	Chowk Qartaba Mazong	No Ponding	Cleared During Rain	---
4	Cooper Road	No Ponding	Cleared During Rain	---
5	Do Moria Pul	No Ponding	Cleared During Rain	---
6	Eik Moria Pul, Ravi Town	No Ponding	Cleared During Rain	---
7	Empress Road /Haji Camp	No Ponding	Cleared During Rain	---
8	Firdous Market	6	Cleared at 5:04 PM	34 Minutes
9	Chauburji Chowk	No Ponding	Cleared During Rain	---
10	Davis Road	No Ponding	Cleared During Rain	---
11	GPO	No Ponding	Cleared During Rain	---
12	Kashmir Road	No Ponding	Cleared During Rain	---
13	Lakshmi Chowk	No Ponding	Cleared During Rain	---
14	Lytton Road	No Ponding	Cleared During Rain	---
15	Model Town Link Road	3	Cleared During Rain	---
16	Nabha Road	No Ponding	Cleared During Rain	---
17	O/S Bhaati Gate	No Ponding	Cleared During Rain	---
18	Secondary Board/Lawrence Road	No Ponding	Cleared During Rain	---
19	Shah Jamal	No Ponding	Cleared During Rain	---
20	Shairanwala Gate	No Ponding	Cleared During Rain	---
21	Sultan Ahmad Road Ichra	12	Cleared at 7:09 PM	2 Hour 39 Minutes
22	Tikka Chowk Johar Town	12	Cleared at 5:48 PM	1 Hour 18 Minutes

Before and after Pictures Report

Sr. No	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	No Ponding	Cleared During Rain	No Ponding
2	G.P.O	No Ponding	Cleared During Rain	No Ponding
3	Nabha Road	No Ponding	Cleared During Rain	No Ponding
4	Kashmir Road	No Ponding	Cleared During Rain	No Ponding
5	Shairan-wala Gate	No Ponding	Cleared During Rain	No Ponding
6	Eik Moria Pull, Ravi Town	No Ponding	Cleared During Rain	No Ponding
7	Do Moria Pull	No Ponding	Cleared During Rain	No Ponding
8	Chowk Nakhuda	No Ponding	Cleared During Rain	No Ponding
9	O/S Bhatti Gate	No Ponding	Cleared During Rain	No Ponding

10	Cooper Road	No Ponding	Cleared During Rain	No Ponding
11	Empress Road/ Haji Camp	No Ponding	Cleared During Rain	No Ponding
12	Shah Jamal	No Ponding	Cleared During Rain	No Ponding
13	Lytton Road	No Ponding	Cleared During Rain	No Ponding
14	Chowk Qartaba	No Ponding	Cleared During Rain	No Ponding
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road		Cleared At 07:09 PM	
17	B-Block Tajpura Scheme	No Ponding	Cleared During Rain	No Ponding

18	Model Town Link Road	No Ponding	Cleared During Rain	No Ponding
19	Davis Road	No Ponding	Cleared During Rain	No Ponding
20	Tikka Chowk Johar Town	 	Cleared At 05:48 PM	 
21	Firdous Market	 	Cleared At 05:04 PM	 
22	Chuburji Mozang	No Ponding	Cleared During Rain	No Ponding

DATED 05-08-2021


Rain Recorded in different areas of Lahore



Lahore Region Local Rainfall Dated 05-08-2021		
Total Rain Duration: 01:26 PM to 03:30 PM		
Reporting Time: 04:00 PM		
;	Rain Gauge Stations	Rainfall (mm)
1	Jail Road	0.4
2	Air Port	10.2
3	Head Office WASA, Gulberg	4
4	Lakshmi Chowk	2
5	Upper Mall	17.5
6	Mughalpura SDO Office	20
7	Tajpura SDO Office	39
8	Nishter Town Director Office	Nil
9	Chowk Nakhuda	10
10	Pani Wala Talab	24
11	Farrukhabad	20
12	Gulshan-e-Ravi	Nil
13	Iqbal Town SDO Office	Nil
14	Samanabad SDO Office	Nil
15	Johar Town SDO Office	Nil
Monsoon Control Room, WASA Head Office Lahore		

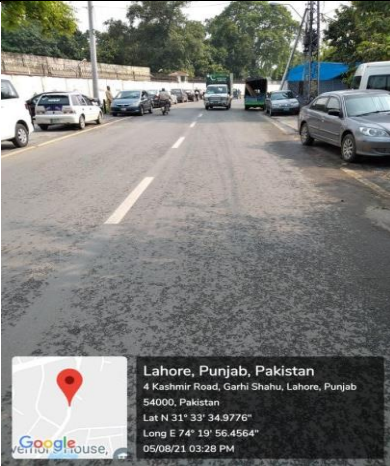


Maximum Ponding and Ponding Clearance Time



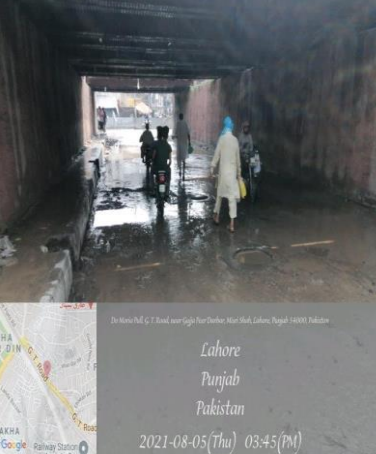
Ponding Report			Rain Stop Time: 03:30 PM	
Dated: 05-08-2021			Reporting Time 04:20 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 04:20 PM (Inches)	Total Clearance Time
1	B-Block Tajpura	5	Cleared At 03:42 PM	12 Minutes
2	Chowk Na-Khuda	No Ponding	Cleared During Rain	---
3	Chowk Qartaba Mazong	No Ponding	Cleared During Rain	---
4	Cooper Road	3	Cleared At 04:05 PM	35 Minutes
5	Do Moria Pul	No Ponding	Cleared During Rain	---
6	Eik Moria Pul, Ravi Town	2	Cleared At 03:47 PM	17 Minutes
7	Empress Road /Haji Camp	No Ponding	Cleared During Rain	---
8	Firdous Market	No Ponding	Cleared During Rain	---
9	Chauburji Chowk	No Ponding	Cleared During Rain	---
10	Davis Road	No Ponding	Cleared During Rain	---
11	GPO	No Ponding	Cleared During Rain	---
12	Kashmir Road	No Ponding	Cleared During Rain	---
13	Lakshmi Chowk	No Ponding	Cleared During Rain	---
14	Lytton Road	No Ponding	Cleared During Rain	---
15	Model Town Link Road	No Ponding	No Rain	---
16	Nabha Road	No Ponding	Cleared During Rain	---
17	O/S Bhaati Gate	No Ponding	Cleared During Rain	---
18	Secondary Board/Lawrence Road	No Ponding	Cleared During Rain	---
19	Shah Jamal	No Ponding	Cleared During Rain	---
20	Shairanwala Gate	6	Cleared At 04:14 PM	44 Minutes
21	Sultan Ahmad Road Ichra	No Ponding	No Rain	---
22	Tikka Chowk Johar Town	No Ponding	No Rain	---

Before and after Pictures Report


Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	No Ponding	Cleared During Rain	 <div data-bbox="1361 927 1742 1027" style="border: 1px solid black; padding: 2px;"> <p>Lahore, Punjab, Pakistan Dyal Singh College Bus Stop, Royal Park, Lahore, Punjab 54000, Pakistan Lat N 31° 34' 3.2736" Long E 74° 19' 25.2588" 05/08/21 03:18 PM</p> </div>




2	G.P.O	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	
3	Nabha Road	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	

4	Kashmir Road	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	
5	Shairan-wala Gate		<p style="text-align: center;">Cleared at 04:14 PM</p>	

<p>6</p>	<p>Eik Moria Pull, Ravi Town</p>	 <p>Lahore, Punjab, Pakistan Ek Morian Pull, Misri Shah, Lat Lat 31.583918° Long 74.330121° 05/08/21 02:47 PM</p>	<p>Cleared at 04:34 PM</p>	 <p>Lahore, Punjab, Pakistan Police Flats Rd, Farooq Gunj Mohalla Lat 31.584025° Long 74.330103° 05/08/21 04:34 PM</p>
<p>7</p>	<p>Do Moria Pull</p>	<p>No Ponding</p>	<p>Cleared During Rain</p>	 <p>Lahore Punjab Pakistan 2021-08-05 (Thu) 03:45 (PM)</p>

8	Chowk Nakhuda	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	
9	O/S Bhatti Gate	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	

10	Cooper Road	No Ponding	Cleared During Rain	
11	Empress Road/ Haji Camp	No Ponding	Cleared During Rain	
12	Shah Jamal	No Ponding	Cleared During Rain	No Ponding
13	Lytton Road	No Ponding	Cleared During Rain	No Ponding

14	Chowk Qartaba	No Ponding	Cleared During Rain	
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road	No Ponding	No Rain	No Ponding
17	B-Block Tajpura Scheme		Cleared At 03:42 PM	

18	Model Town Link Road	No Ponding	No Rain	No Ponding
19	Davis Road	No Ponding	Cleared During Rain	No Ponding
20	Tikka Chowk Johar Town	No Ponding	No Rain	No Ponding
21	Firdous Market	No Ponding	Cleared During Rain	No Ponding
22	Chuburji Mozang	No Ponding	Cleared During Rain	No Ponding

DATED 06-08-2021



Rain Recorded in different areas of Lahore

Lahore Region Local Rainfall Dated 06-08-2021		
Total Rain Duration: 01:55 AM to 06:50 AM		
Reporting Time: 10:55 AM		
Sr. No.	Rain Gauge Stations	Rainfall (mm)
1	Jail Road	37
2	Air Port	71
3	Head Office WASA, Gulberg	40
4	Lakshmi Chowk	90
5	Upper Mall	31
6	Mughalpura SDO Office	41
7	Tajpura SDO Office	59
8	Nishter Town Director Office	45
9	Chowk Nakhuda	70
10	Pani Wala Talab	82
11	Farrukhabad	60
12	Gulshan-e-Ravi	30
13	Iqbal Town SDO Office	43
14	Samanabad SDO Office	38
15	Johar Town SDO Office	31
Monsoon Control Room, WASA Head Office Lahore		




Maximum Ponding and Ponding Clearance Time





Ponding Report			Rain Stop Time: 5:23 AM	
Dated: 06-08-2021			Reporting Time 11:35 AM	
Sr. No.	Name of Ponding Point	Maximum Ponding	Status at 11:35 AM (Inches)	Total Clearance Time
1	B-Block Tajpura	14	Cleared During Rain
2	Chowk Na-Khuda	3	Cleared During Rain
3	Chowk Qartaba Mazong	20	Cleared at 06:42 AM	1 Hour 19 Minutes
4	Cooper Road	12	Cleared at 08:42 AM	3 Hour 19 Minutes
5	Do Moria Pul	2	Cleared at 06:12 AM	49 Minutes
6	Eik Moria Pul, Ravi Town	6	Cleared at 06:14 AM	51 Minutes
7	Empress Road /Haji Camp	14	Cleared at 07:09 AM	1 Hour 46 Minutes
8	Firdous Market	6	Cleared at 07:07 AM	1 Hour 44 Minutes
9	Chauburji Chowk	16	Cleared at 08:34 AM	3 Hour 11 Minutes
10	Davis Road	10	Cleared at 08:32 AM	3 Hour 09 Minutes
11	GPO	10	Cleared During Rain
12	Kashmir Road	16	Cleared at 8:07 AM	2 Hour 44 Minutes
13	Lakshmi Chowk	18	Cleared at 5:47 AM	24 Minutes
14	Lytton Road	14	Cleared at 7:45 AM	2 Hour 22 Minutes
15	Model Town Link Road	No Ponding	Cleared During Rain
16	Nabha Road	14	Cleared at 5:33 AM	10 Minutes
17	O/S Bhaati Gate	12	Cleared at 6:57 AM	1 Hour 34 Minutes
18	Secondary Board/Lawrence Road	No Ponding	Cleared During Rain
19	Shah Jamal	4	Cleared During Rain
20	Shairanwala Gate	13	Cleared at 05:57 AM	34 Minutes
21	Sultan Ahmad Road Ichra	14	Cleared at 07:23 AM	1 Hour
22	Tikka Chowk Johar Town	12	Cleared at 6:22 AM	59 Minutes



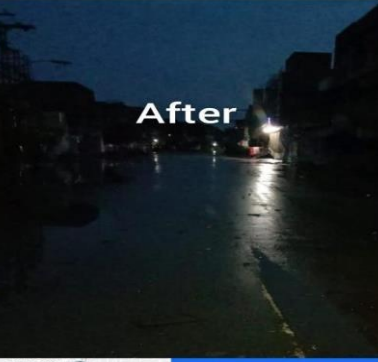




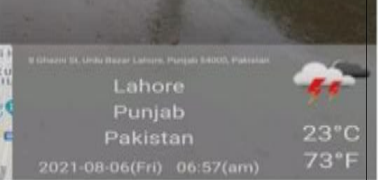
Before and after Pictures Report

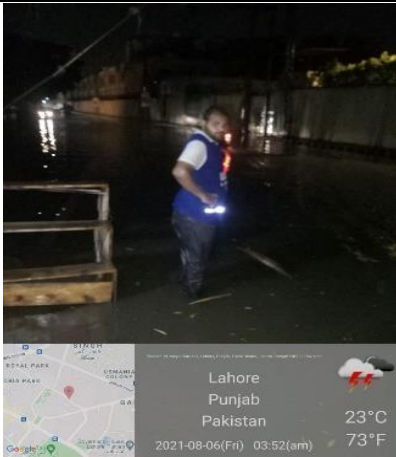


Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk		<p>Cleared During Rain</p>	



2	G.P.O		Cleared at 03:45 am	
3	Nabha Road		Cleared at 05:33 am	


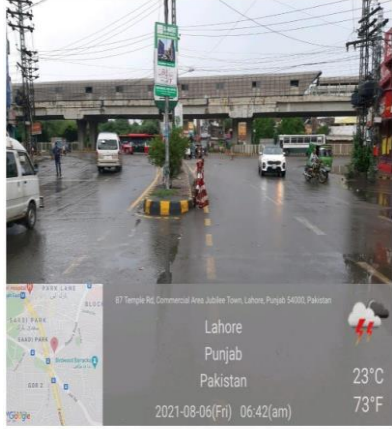
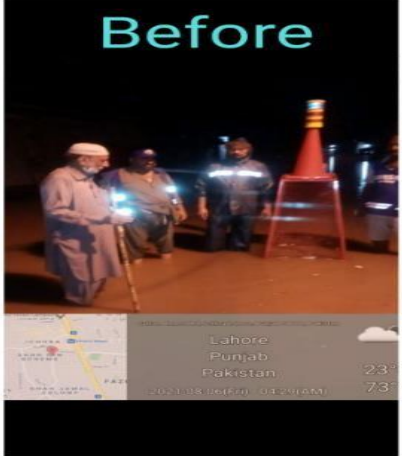

4	Kashmir Road	<p style="text-align: center;">No Ponding</p>	<p style="text-align: center;">Cleared During Rain</p>	 <div data-bbox="1361 480 1749 628"> <table border="1"> <thead> <tr> <th></th> <th>Decimal</th> <th>DMS</th> </tr> </thead> <tbody> <tr> <td>Latitude</td> <td>31.587727</td> <td>31°35'15" N</td> </tr> <tr> <td>Longitude</td> <td>74.321122</td> <td>74°19'16" E</td> </tr> <tr> <td colspan="3" style="text-align: right;">2021-08-06(Fri) 08:07</td> </tr> </tbody> </table> </div>		Decimal	DMS	Latitude	31.587727	31°35'15" N	Longitude	74.321122	74°19'16" E	2021-08-06(Fri) 08:07								
	Decimal	DMS																				
Latitude	31.587727	31°35'15" N																				
Longitude	74.321122	74°19'16" E																				
2021-08-06(Fri) 08:07																						
5	Shairan-wala Gate	 <div data-bbox="728 938 1128 1088"> <p>Circular Rd, Walled City of Lahore, Lahore, Lahore Punjab Pakistan 2021-08-06(Fri) 03:07</p> </div>	<p style="text-align: center;">Cleared at 05:57 am</p>	 <div data-bbox="1361 938 1749 1088"> <table border="1"> <tbody> <tr> <td colspan="2">Circular Rd, Ferozpur Mohalla, Lahore, Punjab, Pakistan</td> <td style="text-align: right;">☀</td> </tr> <tr> <td colspan="2">Lahore</td> <td></td> </tr> <tr> <td colspan="2">Punjab</td> <td></td> </tr> <tr> <td colspan="2">Pakistan</td> <td style="text-align: right;">23°C</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">73°F</td> </tr> <tr> <td colspan="3" style="text-align: right;">2021-08-06(Fri) 05:57(am)</td> </tr> </tbody> </table> </div>	Circular Rd, Ferozpur Mohalla, Lahore, Punjab, Pakistan		☀	Lahore			Punjab			Pakistan		23°C			73°F	2021-08-06(Fri) 05:57(am)		
Circular Rd, Ferozpur Mohalla, Lahore, Punjab, Pakistan		☀																				
Lahore																						
Punjab																						
Pakistan		23°C																				
		73°F																				
2021-08-06(Fri) 05:57(am)																						




6	Eik Moria Pull, Ravi Town		Cleared at 06:14 am	
7	Do Moria Pull		Cleared at 06:12 am	





<p>8</p>	<p>Chowk Nakhuda</p>	 <p style="text-align: center;">Before</p>  <p style="text-align: center;">Lahore Punjab Pakistan</p> <p style="text-align: center;">2021-08-06(Fri) 03:16(AM)</p>	<p>Cleared During Rain</p>	 <p style="text-align: center;">After</p>  <p style="text-align: center;">Lahore Punjab Pakistan</p> <p style="text-align: center;">2021-08-06(Fri) 05:00(AM)</p>
<p>9</p>	<p>O/S Bhatti Gate</p>	  <p style="text-align: center;">Lahore Punjab Pakistan</p> <p style="text-align: center;">2021-08-06(Fri) 06:57(am)</p>	<p>Cleared at 06:57 am</p>	 <p style="text-align: center;">After</p>  <p style="text-align: center;">Lahore Punjab Pakistan</p> <p style="text-align: center;">23°C 73°F</p> <p style="text-align: center;">2021-08-06(Fri) 06:57(am)</p>

<p>10</p>	<p>Cooper Road</p>		<p>Cleared at 08:48 am</p>	
<p>11</p>	<p>Empress Road/ Haji Camp</p>	<p>No Ponding</p>	<p>Cleared at 07:09 am</p>	

12	Shah Jamal	No Ponding	Cleared During Rain	
13	Lytton Road	No Ponding	Cleared at 07:45 am	

14	Chowk Qartaba		Cleared at 06:42 am	
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road	<p style="color: cyan; text-align: center; font-size: 24px;">Before</p> 	Cleared at 07:23 am	<p style="color: cyan; text-align: center; font-size: 24px;">After</p> 

17	B-Block Tajpura Scheme		Cleared During Rain	
18	Model Town Link Road	No Ponding	Cleared During Rain	
19	Davis Road			

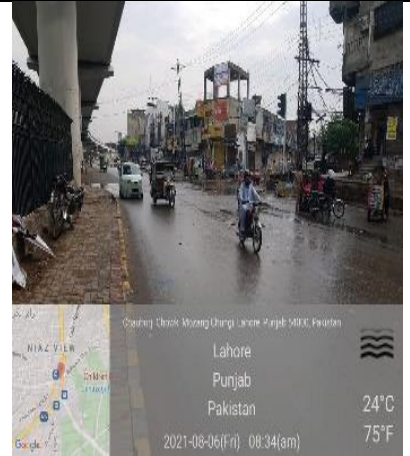
<p>20</p>	<p>Tikka Chowk Johar Town</p>	 <p>1, Block F2 Block F2 Phase 1 Johar Town, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>23°C 73°F</p> <p>2021-08-06(Fri) 04:20(AM)</p>	<p>Cleared at 06:22 am</p>	 <p>471, Block G3 Block G3 Phase 2, Johar Town, Lahore, Punjab, Pakistan</p> <p>Lahore Punjab Pakistan</p> <p>23°C 73°F</p> <p>2021-08-06(Fri) 06:22(AM)</p>
<p>21</p>	<p>Firdous Market</p>	<p>Before</p>  <p>Lahore, Punjab, Pakistan</p> <p>GB3X+4JC, Block J Gulberg III, Lahore, Punjab, Pakistan</p> <p>Lat 31.502919° Long 74.349041°</p> <p>06/08/21 03:32 AM</p>	<p>Cleared at 07:07 am</p>	<p>After</p>  <p>Lahore, Punjab, Pakistan</p> <p>MM Alam Rd, Block J Gulberg III, Lahore, Punjab, Pakistan</p> <p>Lat 31.502941° Long 74.348875°</p> <p>06/08/21 07:07 AM</p>

22

**Chuburji
Mozang**



**Cleared at
08:34 am**



DATED 20-08-2021

Rain Recorded in different areas of Lahore

Lahore Region Local Rainfall Dated 20-08-2021

**Total Rain Duration: 01:59 PM to 05:00 PM
Reporting Time: 05:15 PM**

Sr. No.	Rain Gauge Stations	Total Rainfall (mm)
1	Jail Road	15.5
2	Air Port	1.8
3	Head Office WASA, Gulberg	28
4	Lakshmi Chowk	30
5	Upper Mall	27
6	Mughalpura SDO Office	30
7	Tajpura SDO Office	33
8	Nishter Town Director Office	35
9	Chowk Nakhuda	33
10	Pani Wala Talab	29
11	Farrukhabad	27
12	Gulshan-e-Ravi	65
13	Iqbal Town SDO Office	21
14	Samanabad SDO Office	24
15	Johar Town SDO Office	40





Monsoon Control Room, WASA Head Office Lahore




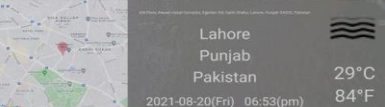



Maximum Ponding and Ponding Clearance Time


Clearance of Rain Water Ponding Report			Rain Stop Time: 05:00 PM	
Dated: 20-08-2021			Reporting Time: 07:30 PM	
Sr. No.	Name of Ponding Point	Maximum Ponding (Inches)	Current Status (Inches)	Total Clearance Time
1	Lakshmi Chowk	No Ponding	Cleared During Rain	---
2	GPO	No Ponding	Cleared During Rain	---
3	Nabha Road	No Ponding	Cleared During Rain	---
4	Kashmir Road	No Ponding	Cleared During Rain	---
5	Shairanwala Gate	4	Cleared at 05:14 PM	14 Minutes
6	Eik Moria Pul, Ravi Town	3	Cleared at 05:03 PM	03 Minutes
7	Do Moria Pul	No Ponding	Cleared During Rain	---
8	Chowk Na-Khuda	No Ponding	Cleared During Rain	---
9	O/S Bhaati Gate	No Ponding	Cleared During Rain	---
10	Cooper Road	6	Cleared at 06:53 PM	1 Hour 53 Minutes
11	Davis Road	6	Cleared at 07:09 PM	2 Hours 09 Minutes
12	Empress Road /Haji Camp	4	Cleared at 05:30 PM	30 Minutes
13	Shah Jamal	No Ponding	Cleared During Rain	---
14	Chauburji Chowk	4	Cleared at 05:39 PM	39 Minutes
15	Lytton Road	3	Cleared at 05:10 PM	10 Minutes
16	Qartaba Chowk Mazong	No Ponding	Cleared During Rain	---
17	Secondary Board/Lawrence Road	No Ponding	Cleared During Rain	---
18	Sultan Ahmad Road Ichra	No Ponding	Cleared During Rain	---
19	B-Block Tajpura	No Ponding	Cleared During Rain	---
20	Model Town Link Road	2	Cleared at 05:07 PM	07 Minutes
21	Firdous Market	No Ponding	Cleared During Rain	---
22	Tikka Chowk Johar Town	8	Cleared at 07:20 PM	2 Hours 20 Minutes

Before and after Pictures Report




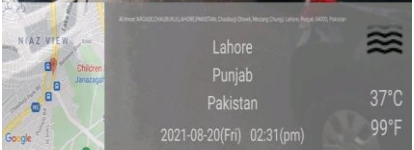


Sr. No .	Ponding point	Ponding Picture Before Clearance	Current Status / Clearance Time	Ponding Picture After Clearance
1	Lakshmi Chowk	No Ponding	Cleared During Rain	No Ponding
2	G.P.O	No Ponding	Cleared During Rain	No Ponding
3	Nabha Road	No Ponding	Cleared During Rain	No Ponding
4	Kashmir Road	No Ponding	Cleared During Rain	No Ponding

5	Shairan-wala Gate	 <p>Circular Rd, Farooq Gunj Mohalla, Lahore, Punjab, Pakistan Lahore Punjab Pakistan 2021-08-20(Fri) 04:43(pm)</p>	Cleared at 05:14 PM	 <p>Circular Rd, Walled City of Lahore, Lahore, Lahore Punjab Pakistan 2021-08-20(Fri) 05:14(p)</p>
6	Eik Moria Pull, Ravi Town	 <p>Before</p>	Cleared at 05:03 PM	 <p>2021-08-20(Fri) 05:03(PM)</p>
7	Do Moria Pull	No Ponding	Cleared During Rain	No Ponding
8	Chowk Nakhuda	No Ponding	Cleared During Rain	No Ponding

9	O/S Bhatti Gate	No Ponding	Cleared During Rain	No Ponding
10	Cooper Road	  <p>Lahore Punjab Pakistan 29°C 84°F 2021-08-20(Fri) 03:32(pm)</p>	Cleared at 06:53 PM	  <p>Lahore Punjab Pakistan 29°C 84°F 2021-08-20(Fri) 06:53(pm)</p>
11	Empress Road/ Haji Camp	  <p>Lahore Punjab Pakistan 2021-08-20(Fri) 03</p>	Cleared at 05:30 PM	
12	Shah Jamal	No Ponding	Cleared During Rain	No Ponding

13	Lytton Road	3''	Cleared at 05:10 PM	
14	Chowk Qartaba	No Ponding	Cleared During Rain	No Ponding
15	Secondary Board/ Lawrence Road	No Ponding	Cleared During Rain	No Ponding
16	Sultan Ahmed Road	No Ponding	Cleared During Rain	No Ponding
17	B-Block Tajpura Scheme	No Ponding	Cleared During Rain	No Ponding

<p>18</p>	<p>Model Town Link Road</p>		<p>Cleared at 05:07 PM</p>	
<p>19</p>	<p>Davis Road</p>	<p>6''</p>	<p>Cleared at 07:09 PM</p>	

20	Tikka Chowk Johar Town	8''	Cleared at 07:20 PM	 
21	Firdous Market	No Ponding	Cleared During Rain	No Ponding
22	Chuburji Mozang	 	Cleared at 05:39 PM	 

(L3)

2019-11-27
Exlselug

DETAIL OF MACHINERY IN WASA LAHORE.

ABSTRACT OF MACHINERY IN WASA, LAHORE.

Sr. No.	Description	Total
1	Excavator	15
2	Dump Truck	54
3	Truck	07
4	Crane Mounted Truck	13
5	Jetting Machine	45
6	Suction Machine	44
7	Water Bouzers	26
8	Back Hoe	20
9	Tractor Trolley	22
10	Front End Loader	07
11	Wheel Loader	02
12	Dewatering Set	91
	Total:	346



LIST OF VEHICLES IN IQBAL TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
IQBAL TOWN SUB DIVISION					
1	SUCKER MACHINE	UNIT.NO.01			OK
2	JEETING MACHINE	LEJ-1447			OK
3	TRACTOR TROLLY	LES-5519			OK
4	BACK HOE	LRT-5519			OK
SAMANABAD SUB DIVISION					
1	WATER BOUZER	UNIT. NO. WB-45			OK
2	SUCKER MACHINE	LEJ-1424			OK
3	JEETING MACHINE	LEJ-1475			OK
4	TRACTOR TROLLY	LXK-2704			OK
5	LOADER RIKSHAW	-			OK
MUSTAFA TOWN SUB DIVISION					
1	JEETING MACHINE	UNIT.NO.JM 02	Yes		OK
2	SUCKER MACHINE	UNIT NO.SS 02	Yes		OK
SABZAZAR SUB DIVISION					
1	WATER BOUZER	UNIT NO.16			OK
2	SUCKER MACHINE	LEJ-13-1493			OK
3	CRANE	LZR-2431			OK
4	JEETING MACHINE	LEJ-13-1510			OK
ICHHRA SUB DIVISION					
DHOLANWAL SUB DIVISION					
1	JEETING MACHINE	JM-04			OK
DRAINAGE IT					
1	LONG BOOM	UNIT NO. 05			OK
2	EXCAVATOR	UNIT NO. 02			OK
3	DUMP TRUCK	LWJ-1278			OK

4	DUMP TRUCK	LEJ-1279			OK
5	DUMP TRUCK	LEJ-1280			OK
6	DUMP TRUCK	LWC-5856			OK
7	DUMP TRUCK	LWC-5859			OK
8	DUMP TRUCK	LWC-5861			OK
9	DUMP TRUCK	LWC-5871			OK
10	DUMP TRUCK	LWC-5872			OK
11	WHEEL LOADER	LWC-5518			OUT OF ORDER
12	TRACTOR TROLLEY	LEJ-1469			OUT OF ORDER
13	BACK HOE TRACTOR	LEJ-1458			OUT OF ORDER
14	BACK HOE TRACTOR	LET-5520			OK

LIST OF VEHICLES IN SHALIMAR TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
MUGHAL PURA SUB DIVISION					
1	JETTING MACHINE	LEJ-1478	YES	NO	
2	MUCK SUKER	UNIT NO.07	YES	NO	
3	TRACTOR TROLLY	LHN-7729	YES	NO	
E & M WORKSHOP (ST)					
1	CRANE	LEJ-1431	YES	NO	
2	OLD CRANE	CRANE NO.04	YES	NO	
3	WATER BOUZER	W.B NO.02	YES	NO	
BAGHBAN PURA SUB DIVISION					
1	JEETING MACHINE	LEJ-1488	YES	NO	
2	MUCK SUKER	LEJ-1422	YES	NO	
3	TRACTOR TROLLY	LES-2665	YES	NO	
SHADBAGH SUB DIVISION					
1	MUCK SUKER	LOK-1801	YES	NO	
2	JEETING MACHINE	LEJ-1449	YES	NO	
3	CRANE	LEJ-1443	YES	NO	
4	WATER BOUZER	PMU-2	YES	NO	
5	TRACTOR TROLLY	LXP-2659	YES	NO	
GUJJAR PURA SUB DIVISION					
1	MUCK SUKER	LEJ-1496	YES	NO	
2	JETTING MACHINE	CMC-J2	YES	NO	

LIST OF VEHICLES IN RAVI TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
DATA NAGAR SUB DIVISION					
1	MUCK SUCKER	CMC-U-1			OK
2	MUCK SUCKER	MS-17			OK
3	JEETING UNIT <i>Medium</i>	UNIT NO.11			OK
4	JEETING UNIT	JU-17			OK
5	WATER BOUZER	WB-05			OK
6	TRACTOR TROLLY	NH-15			OK
FARRUKHABAD SUB DIVISION					
1	TRACTOR TROLLY	LES-9647			OK
2	BACK HOE	BH-08			OUT OF ORDER
3	JETTER MACHINE	JU-09-RT			OK
4	MUCK SUCKER	UNIT NO.14			OK
5	JEETTER MACHINE	JU-10-JM			OK
6	JEETTER MACHINE	JU-10-RT			OK
7	BACK HOE TRACTOR	LTR-5515			OUT OF ORDER
SHAHDARA SUB DIVISION					
1	WATER TANKER	BW-02			OK
2	MUCK SUCKER	MS-18-RT			OK
3	JETTING UNIT	JU-12-RT			OK
4	TRACTOR TROLLY	LES-2655			OK
CITY SUB DIVISION					
1	CRANE	08-RT			OK
2	MAZDA TRUCK	LHO-3418			OK
3	WATER TANKER	LOT-8812			OK
4	JEETING UNIT	03-RT			OK
5	TRACTOR TROLLY	LES-9644			OK
6	MUCK SUCKER	MS-05-RT			OK
MISRI SHAH SUB DIVISION					
1	MUCK SUCKER	UNIT NO.08			OK

2	TRACTOR TROLLY	LXP-2667			OK
3	JETTING MACHINE	JU-15-RT			OK
4	WATER BOUZER	WB-13			OK
DRAINAGE RT					
1	CASE POCIAIN	NO.1			OK
2	DUMPER	LEJ-1274			OK
3	DUMPER	LEJ-1273			OK
4	DUMPER	LEJ-1283			OK
5	DUMPER	LEJ-5841			OK
6	TRACTOR TROLLY	T.T-05			OK
7	BACK HOE	LRT-5518			OK
8	BACK HOE	LRT-5523			OK
9	TRACTOR TROLLY	LES-9644			OK
10	DUMPER	LEJ-1229			OK
11	DUMPER	LEJ-1230			OK
12	DUMPER	LEJ-1271			OK
13	DUMPER	LEJ-1261			OK
14	EXCAVATOR	LWC-5521			OK
15	LONG BOOM	NO.03			OK

LIST OF VEHICLES IN AW TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
1	LONG BOOM EXCAVATOR	NO.04	FUNCTIONAL		
2	CLAM SHELL EXCAVATOR	CS-1	FUNCTIONAL		
3	DUMP TRUCK	LEJ-1225	FUNCTIONAL		
4	DUMP TRUCK	LEJ-1226	FUNCTIONAL		
5	DUMP TRUCK	LEJ-1268	FUNCTIONAL		
6	DUMP TRUCK	LEJ-1224	FUNCTIONAL		
7	DUMP TRUCK	LEJ-1288	FUNCTIONAL		
8	DUMP TRUCK	LEJ-1228	FUNCTIONAL		
9	DUMP TRUCK	LEJ-1277	FUNCTIONAL		
10	BACK HOE	LEJ-5513	FUNCTIONAL		
11	CLAM SHELL BACK HOE	LEJ-1461	FUNCTIONAL		
12	FORNT END LOADER	LEJ-1434		Non-Functional	
13	TRACTOR TROLLEY	NO.I	FUNCTIONAL		
14	PRIME MOVER	LEJ-1433			
15	TRACTOR TROLLEY CONVERTED TO LOADER	T.T NO.3		Non-Functional	
XEN (O&M-I) AWT					
1	MUCKSUKER	MS-07-ABT	FUNCTIONAL		
2	MUCKSUKER	MS-22-ABT	FUNCTIONAL		
3	JETTING MACHINE	JU-06-ABT	FUNCTIONAL		
4	JETTING MACHINE	JU-19-ABT	FUNCTIONAL		
5	CRANE	LZR-2459	FUNCTIONAL		
6	MAZDA	LHO-4203	FUNCTIONAL		
7	WATER BOUZER	WB-1	FUNCTIONAL		
8	TRACTOR TROLLEY	LES-9629		Non-Functional	
9	TRACTOR TROLLEY	LES-2667	FUNCTIONAL		
XEN (O&M-II) AWT					

1	MUCKSUKER	KEJ-1502	FUNCTIONAL		
2	JETTING MACHINE	LXP-3641	FUNCTIONAL		
3	TRACTOR TROLLEY	LES-2657	FUNCTIONAL		
4	WATER BOUZER	WB-3	FUNCTIONAL		
5	TRACTOR TROLLEY	LWN-2205	FUNCTIONAL		
6	MUCKSUKER	LOK-1802	FUNCTIONAL		
7	JETTING MACHINE	LXC-9583	FUNCTIONAL		

LIST OF VEHICLES IN NISHTER TOWN DIRECTORATE					
Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
GREEN TOWN SUB DIVISION					
1	MUCK SUKER	MS-02	FUNCTIONAL		
2	JETTING MACHINE	LEJ-1292	FUNCTIONAL		
3	TRACTOR TROLLEY	LES-9634	FUNCTIONAL		
4	CRANE	WB-17	FUNCTIONAL		
INDUSTRIAL AREA SUB DIVISION					
1	SMALL SUCKER	LZB-9741	FUNCTIONAL		
2	MUCK SUKER	MS-04	FUNCTIONAL		
3	JETTING MACHINE	JU-02	FUNCTIONAL		
4	JETTING UNIT	JU-01-06	FUNCTIONAL		
5	TRACTOR TROLLEY	LXK-2707	FUNCTIONAL		
6	MAZDA 2200	LOT-5174	FUNCTIONAL		
7	WATER BOUZER	LXK-2102	FUNCTIONAL		
GARDEN TOWN SUB DIVISION					
1	JETTING MACHINE	JU-25	FUNCTIONAL		
2	SUCKER MACHINE	JU-25	FUNCTIONAL		
3	TRACTOR TROLLEY	LET-1913	FUNCTIONAL		
4	ISUZU	NO.01	FUNCTIONAL		
5	WATER BOUZER	WB-04	FUNCTIONAL		
TOWN SHIP SUB DIVISION					
1	SUCKER MACHINE	MS-16	FUNCTIONAL		
2	BIG JETTING MACHINE	JU-23	FUNCTIONAL		
3	SMALL JETTING MACHINE	JU-01-06	FUNCTIONAL		
4	WATER BOUZER	WB-07	FUNCTIONAL		

5	TRACTOR TROLLEY	LES-2656	FUNCTIONAL		
6	CRANE	NO.06	FUNCTIONAL		
KAHNA SUB DIVISION					
1	TOYOTA HILUX	LEJ-1379	FUNCTIONAL		
2	SUCKER MACHINE	MSK-01	FUNCTIONAL		
3	SUCKER MACHINE	MSK-02	FUNCTIONAL		
4	JETTING MACHINE	JUK-01	FUNCTIONAL		
5	JETTING MACHINE	JUK-02	FUNCTIONAL		
DRAINAGE NT					
1	EXCAVATOR	LONG BOOM NO. 06	FUNCTIONAL		
2	EXCAVATOR	LONG BOOM NO. 07	FUNCTIONAL		
3	EXCAVATOR	LWC-5520	FUNCTIONAL		
4	DRAGLINE	HC-77	FUNCTIONAL		
5	WHEEL LOADER	LWC-5517	FUNCTIONAL		
6	DUMP TRUCK	LEJ-1223	FUNCTIONAL		
7	DUMP TRUCK	LEJ-1233	FUNCTIONAL		
8	DUMP TRUCK	LEJ-1284	FUNCTIONAL		
9	DUMP TRUCK	LEJ-1285	FUNCTIONAL		
10	DUMP TRUCK	LEJ-1286	FUNCTIONAL		
11	DUMP TRUCK	LEJ-1287	FUNCTIONAL		
12	DUMP TRUCK	LWC-5840	FUNCTIONAL		
13	DUMP TRUCK	LWC-5844	FUNCTIONAL		
14	DUMP TRUCK	LWC-5849	FUNCTIONAL		
15	DUMP TRUCK	LWC-5867	FUNCTIONAL		
16	DUMP TRUCK	LWC-5868	FUNCTIONAL		
17	DUMP TRUCK	LWC-5869	FUNCTIONAL		
18	DUMP TRUCK	LWC-5873	FUNCTIONAL		
19	BACK HOE	BHT-04	FUNCTIONAL		
20	BACK HOE	LEJ-1464	FUNCTIONAL		

21	BACK HOE	LRT-5514	FUNCTIONAL		
22	BACK HOE	NH-10	FUNCTIONAL		
23	TRACTOR TROLLEY	LEJ-1451	FUNCTIONAL		
24	TRACTOR TROLLEY	LEJ-1466	FUNCTIONAL		

LIST OF VEHICLES IN GB TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
RAVI ROAD SUB DIVISION					
1	JETTING MACHINE	JU-18			
2	MUCK SUKER	MS-23			
3	WATER TANKER	WT-01			
4	TRACTOR TROLLEY	LXK-2705			
5	CRANE	LEJ-1442			
6	TRACTOR TROLLEY	LES-9650			
ISLAM PURA SUB DIVISION					
1	TRACTOR TROLLEY	LRT-5516			
2	MUCK SUKER	LEJ-1425			
3	JETTING MACHINE	LEJ-1485			
4	WATER TANKER	WB-6			
GULSHAN-E-RAVI SUB DIVISION					
1	JETTING MACHINE	LEJ-1481			
2	SUCKER MACHINE	M.S 1503			
3	TRACTOR TROLLEY	LES-2672			
4	WATER BOUZER	LXP-2803			
ANARKALI SUB DIVISION					
1	WATER BOUZER	WB-15			
2	SUCKER MACHINE	SS-04			
3	SUCKER MACHINE	LEJ-1446			
4	JETTING MACHINE	LEJ-1473			
5	TRACTOR TROLLEY	LES-9636			
6	TRACTOR TROLLEY	LZR-4303			
DRAINAGE GBT					
1	EXCAVATOR	LET-3440			
2	DUMP TRUCK	LEJ-1227			

3	DUMP TRUCK	LEJ-1276			
4	DUMP TRUCK	LEJ-1282			
5	DUMP TRUCK	LEJ-1271			
6	DUMP TRUCK	LEJ-1272			
7	DUMP TRUCK	LWC-5842			
8	DUMP TRUCK	LWC-5747			
9	DUMP TRUCK	LWC-5857			
10	CLAM SHALL BACK HOE	LEJ-1468			
11	BACK HOE	LRT-5517			
12	FRONT END LOADER	FEL-03			
13	FRONT END LOADER	LEG-2882			
14	FRONR BLADE TRACTOR	LEJ-1428			
15	TRACTOR TROLLEY	LEJ-1460			
16	TRACTOR TROLLEY	LEJ-1455			

LIST OF VEHICLES IN GULBERG TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
MOZANG SUB DIVISION					
1	JETTER MACINE	LEJ-1438	FUNCTIONAL		
2	SUCKER MACHINE	LEJ-1495	FUNCTIONAL		
3	WATER BOUZER	W.B-09	FUNCTIONAL		
4	TRUCKER TROLLEY	LES-2669	FUNCTIONAL		
GULBERG SUB DIVISION					
1	SUCKER MACHINE	GS-02	FUNCTIONAL		
2	JETTER MACHINE	LEJ-1477	FUNCTIONAL		
3	SUCKER MACHINE	LEJ-1489	FUNCTIONAL		
4	TRUCKER TROLLEY	LES-2654	FUNCTIONAL		
5	MAZDA TRUCK	LOT-4428	FUNCTIONAL		
6	WATER BOUZER	GT-01	FUNCTIONAL		
SHIMLA HILL					
1	JETTER MACHINE	LEJ-1484	FUNCTIONAL		
2	SUCKER MACHINE	LEJ-1504	FUNCTIONAL		
3	TRUCKER TROLLEY	LXP-2885	FUNCTIONAL		
DRAINAGE GT					
1	EXCAVATOR	LWC-5519	FUNCTIONAL		
2	DRUMP TRUCK	LWC-5862	FUNCTIONAL		
3	DRUMP TRUCK	LWC-5860	FUNCTIONAL		
4	DRUMP TRUCK	LWC-5854	FUNCTIONAL		
5	DRUMP TRUCK	LWC-5866	FUNCTIONAL		
6	DRUMP TRUCK	LWC-5863	FUNCTIONAL		
7	DRUMP TRUCK	LWC-5846	FUNCTIONAL		
8	DRUMP TRUCK	LWC-5864	FUNCTIONAL		
9	DRUMP TRUCK	LWC-1275	FUNCTIONAL		

10	LOADER	NO.2	FUNCTIONAL		
11	BACK HOE	LET-1459	FUNCTIONAL		
12	TRUCK TROLLEY	LET-1469	FUNCTIONAL		
13	CRANE	LEJ-1430	FUNCTIONAL		
14	JETTER MACHINE	JM-01	FUNCTIONAL		
15	MUCK SUCKER	S.S-01	FUNCTIONAL		

LIST OF VEHICLES IN JUBILEE TOWN DIRECTORATE

Sr. No.	Type of Vehicle	Registration No.	Present Status		Remarks
			Functional	Non-Functional	
1	JETTER MACHINE	JT-10	YES		
2	JETTER MACHINE	NEW JEETING UNIT	YES		
3	SUCKER	JT-01	YES		
4	SUCKER	LZB-1435	YES		
5	WATER BOUZER	WB-12	YES		
6	BACK HOE	LET-1914	YES		
7	JETTER MACHINE	APLLIED FOR		YES	
8	JETTER MACHINE	JU-16		YES	
9	TRACTOR TROLLEY	LEJ-1452	YES		
10	MUCK SUKER	MS-20	YES		

Training Calendar FY: 2019-2020

Sr. No	Name of Trainings	BS / Designation	Probable Training Month
01	Health Safety & Environment Including 1st Aid	Supervisor, Asstt Supervisor & Sanitation Worker (BS-01 to BS-04)	November, 2019 (Ongoing)
02	Chlorination Techniques	T/W Operators/ J.P.O's/S.P.O's (BS-01 to BS-04)	November, 2019
03	Surveying, Costing & Leveling	Sub-Engineers (BS-14 to BS-16)	December, 2019
04	Techniques for repair of Leakages	P.F / A.P.F & M/H (BS-01 to BS-04)	December, 2019
05	Operation and Maintenance of Electrical Equipment	Sub-Engineers (BS-14, 16)	December, 2019
06	Quality Control Management	Sub-Engineers (BS-14, 16)	January, 2020
07	Energy Saving Techniques	SDO's/ Sub-Engineers (BS-14, 16, 17)	January, 2020
08	Function of Valves	Sub Engineers (BS-14 to BS-16)	January, 2020
09	Drilling and Boring of Tube Wells	Sub-Engineers/SDO s (BS-14, 16, 17)	February, 2020
10	Gen sets Operation and Maintenance	JPO's, SPO's & SGEO's (BS-02 to BS-07)	February, 2020
11	Clerical Training	Jr. Clerks, Sr. Clerks, Assistants (BS-11 to BS-16)	February, 2020
12	Water conservation awareness	SDO / Sub Engineer (BS-14, 16 & 17)	February, 2020
13	Operation and Maintenance of Disposal Station	XEN's / SDO's (BS-17 to BS-18)	February, 2020
14	Operation and Maintenance of Dewatering Sets	Sanitation Worker, A.P.F, M/Helper, JPO, SPO (BS-01 to BS-05)	March, 2020
15	Operation and Maintenance of Drainage System	SDO / Sub Engineer (BS-14, 16 & 17)	March, 2020
16	Stress Management	XEN's / SDO's	March, 2020
17	Non-Revenue Water/ Water Supply System	SDO's (BS-17)	April, 2020
18	Procurement Rules	SDO's (BS-17)	April, 2020

19	Policy, Rules, Law and Regulations	XEN's / SDO's	April, 2020
20	Delegations of Powers	XEN's and SDO's	April, 2020
21	B&R Codes	XEN's and SDO's	May, 2020
22	Leave Rules and Travelling allowance Rules	XEN's and SDO's	May, 2020
23	PEEDA Act	XEN's and SDO's	May, 2020
24	Esta Code	XEN's and SDO's	May, 2020
25	Land Acquisition Process	XEN's and SDO's	May, 2020
26	Approval Process of schemes and Personal Matters	XEN's and SDO's	June, 2020
27	Financial Audit Rules and regulations	XEN's and SDO's	June, 2020
28	Team Building and efficient use of Human Resource	XEN's and SDO's	June, 2020
29	Cost Management	XEN's and SDO's	July, 2020
30	Asset Management	SDO's	July, 2020

6.2 Tariff Revision Plan:

A sound tariff revision mechanism will be used to rationalize financial resources, thereby providing better water supply and sanitation services to all users. In order to achieve this objective, the following basic principles for the tariff revision will be satisfied:

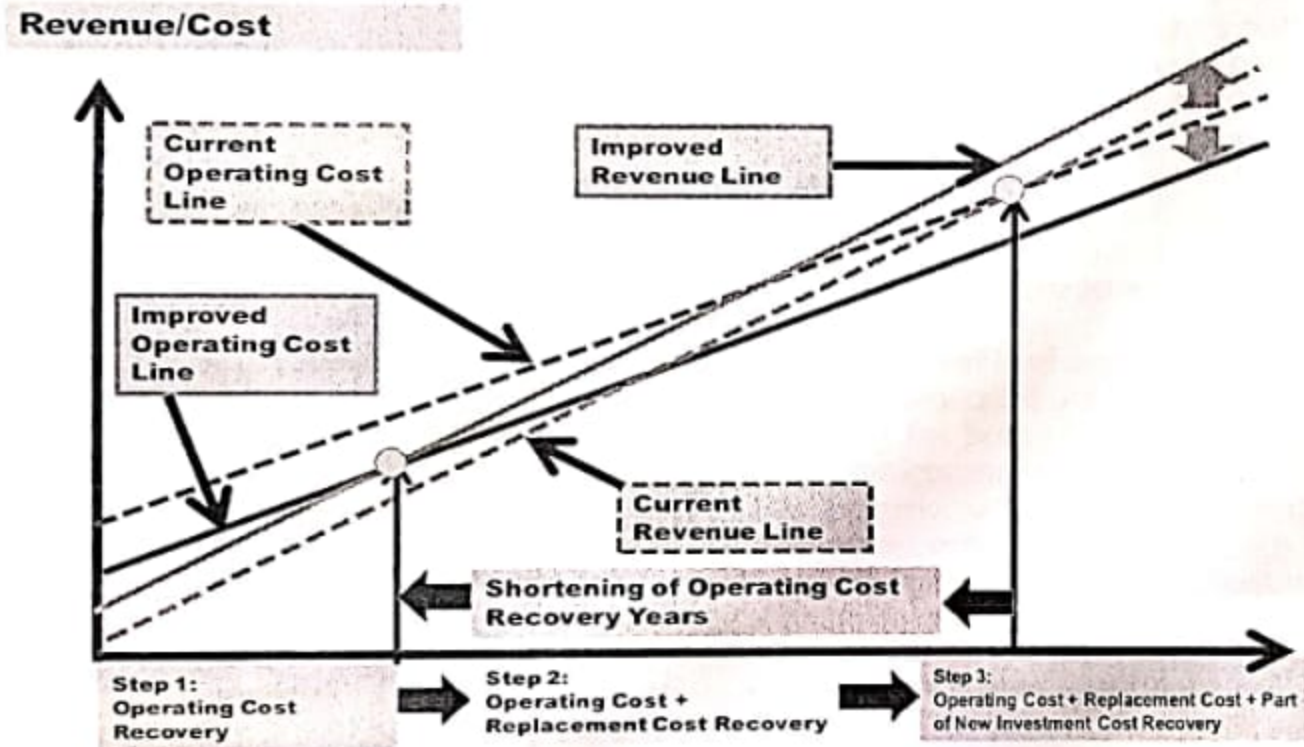
- Water tariffs and sewerage charges will cover at least the operating cost (during the first Business Plan period) and the replacement cost of existing facilities (during the second Business Plan Period), desirably part of the debt service obligations for the future investment cost. The tariff based on financial terms will be accurately calculated by making use of the latest financial data and information available.
- Water tariffs and sewerage charges will not be discriminatory among users. The price per unit of consumption will be basically the same for all users. Price differentials will be acceptable, when the corresponding costs to provide services for different users vary.
- The tariff level will promote water conservation by users as well as efficiency improvement by WASA Lahore. Users will adjust their consumptions to price variations if they are metered, and the tariff will be a function of the consumed volume. At the same time, the tariff will be periodically readjusted to maintain their real value.
- The demand side such as users' affordability and willingness to pay for water supply and sanitation services will be properly taken into account, when the tariff level is revised.
- WASA Lahore will significantly reflect the revenue increase efforts as well as the cost reduction efforts on the tariff revision process.

Regardless of the methodologies of the tariff revision, the key concept for establishing the appropriate road map for revising the tariff level is cost recovery. The major components of different types of costs for water supply and sanitation services are shown as below.

- Operating costs, often called operating and maintenance expenses, are the costs of regular operation of services and performing routine maintenance of the assets. The operating cost for the wastewater treatment is also included. Overhead and administrative expenses, together with the operating cost for wastewater treatment, are also included.
- Replacement costs are often expressed as the depreciations of the capital replacement of existing facilities.
- Capital investment costs include the costs of building assets used for water production, wastewater collection, wastewater treatment, and costs for buildings and grounds. The rate of return should cover the weighted average cost of capital.

In relation to the time framework for the tariff revision, the concepts of the road map for the tariff revision includes 3-step tariff revision as below.

- 1st step: The operating cost will be covered by the total revenue.
- 2nd Step: The operating cost plus the depreciations for replacement of existing facilities will be covered by the total revenue.
- 3rd Step: The operating cost plus the depreciations for replacement of existing facilities and part of new investment will be covered by the total revenue.



There are mainly three primary approaches for regulating the overall tariff level: rate of return (or total costing) regulation, price cap regulation and yardstick regulation. For the use of the tariff revision methodology in each cost recovery step, the optimum methodology will be selected out of the following options:

a) Rate of Return Regulation: adjusts overall tariff levels to the operator's total accounting costs and cost of capital. The regulator reviews a service provider's overall tariff level in response to a claim that the expected rate of return is less than its cost of capital. Since, in case of WASA Lahore, the current cost of capital is substantially borne by the external financial sources, the rate of return regulation could be "total costing regulation" without the cost of capital. Although the traditional rate-of-return regulation has been criticised on the grounds that it deteriorates incentives for cost efficiency, the monitoring on the management efficiency improvement through the performance monitoring indicators will be alternative measures to strengthen incentives for cost efficiency.

b) Yardstick Regulation: is a regulation method that a water and sanitation service operator's performance is compared to other operators' performance, and penalties or awards are assessed based on the operator's relative performance. The most efficient operators would be rewarded with extra profits and the least efficient operators would be penalized in terms of the tariff level. Since operators are actually in different markets, it is important to keep those operators in similar situations so that the comparison is valid. Yardstick regulation depends on a wide range of data to provide indicative information on relative performance of similar water and sanitation operators and other public utilities service providers such as the power sector. In practice, information requirements in other service providers might be obstacles to the implementation of yardstick competition. Yardstick competition is the most effective when those service providers face similar conditions. Therefore, the yardstick regulation is not suitable for the tariff revision for Lahore WASA where other service providers are operating in different management conditions.

c) Price Cap Regulation: allows a service operator to change its tariff level according to an index that is typically comprised of an inflation rate, I-factor, and a "productivity offset," which is commonly called the X-factor. Price cap regulation can be an alternative tariff revision method to traditional rate-of-return regulation. It has been widely used as a regulatory rule for limiting abuse of market power by a dominant supplier of water and sanitation services after a service provider's obtaining sufficient operating profits. Therefore, the price cap regulation could be employed for the period of Step 3 after achieving the cost recovery of operation and maintenance cost as well as the depreciation of the replacement cost. Eventually, the price cap regulation would give a service operator more incentives to achieve and improve productive efficiency. Unlike the rate-of-return regulation, the price cap regulation does not require frequent arbitrary measures of a rate of return on capital.

When the above theoretical background of each is considered, the rate of return regulation (the total costing regulation) will be employed for Step 1 and Step 2 during the 1st Business Plan, while the price cap regulation will be employed for Step 3 during the 2nd and 3rd Business Plan.

5.1 Subsidy Requirements:

WASA Lahore will continue to depend on subsidy from external sources i.e. Government of Punjab for the next many years although the amount of subsidy required will gradually reduce as WASA Lahore implements both institutional and financial reforms. The

revenue and expense forecast with gradual reduction in subsidy requirements over the next ten years are graphically presented in Annex – 6.


Road Map Time Framework		1st Business Plan (2010-11 TO 2015-16)						2nd Business Plan (2016-17 TO 2021-26)										
		Business Plan						Short-Term Review		Mid-Term Review			Long-Term Review					
Tariff Revision		Rs. In Million																
Financial Year		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
REVENUE FORECASTS	Water Sales	1236.4	1816.9	2362.0	3070.6	3531.2	4060.9	4365.4	4692.8	5044.8	5423.2	5829.9	6267.1	6580.5	6909.5	7255.0	7617.7	
	Sewerage Charges	885.0	1300.6	1690.8	2198.1	2527.8	2906.9	3124.9	3359.3	3611.3	3882.1	4173.3	4486.3	4710.6	4946.1	5193.4	5453.1	
	Miscellaneous Income	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	160.2	
	1. Revenue from Users	2281.6	3277.7	4213.0	5428.8	6219.1	7128.0	7650.6	8212.3	8816.3	9465.5	10163.4	10913.6	11451.3	12015.8	12608.6	13231.0	
	UIP Tax Share	405.0	410.0	420.0	430.0	450.0	450.0	472.5	507.9	546.0	587.0	631.0	678.3	729.2	765.7	804.0	844.2	
	PCGIP (World Bank)																	
	2. External Assistance	405.0	410.0	420.0	430.0	450.0	450.0	472.5	507.9	546.0	587.0	631.0	678.3	729.2	765.7	804.0	844.2	
	TOTAL REVENUE	2686.6	3687.7	4633.0	5858.8	6669.1	7578.0	8123.1	8720.3	9362.3	10052.4	10794.4	11591.9	12180.5	12781.5	13412.6	14075.2	
	Reduction of Non Revenue Water	36.9	42.4	62.4	81.1	105.4	121.2	69.7	74.9	80.5	86.6	93.1	100.0	0.0	0.0	0.0	0.0	
	Reduction of Revenue Pilferage	36.9	62.4	62.4	81.1	121.2	139.4	37.5	40.3	43.3	46.5	50.0	53.8	0.0	0.0	0.0	0.0	
Revenue Increase Efforts	73.8	104.8	124.7	162.1	226.6	260.5	107.1	115.2	123.8	133.1	143.1	153.8	0.0	0.0	0.0	0.0		
TOTAL REVENUE FORECAST	2760.4	3792.5	4757.7	6021.0	6895.7	7838.5	8230.2	8835.5	9486.1	10185.5	10937.4	11745.7	12180.5	12781.5	13412.6	14075.2		
Reduction of Non Revenue Water	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0		
Reduction of Revenue Pilferage	2.0	2.0	2.0	2.0	2.0	2.0	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0		
EXPENDITURE FORECASTS	Payroll and Pension Funds	1490.4	1639.4	1803.4	1983.7	2182.1	2400.3	2520.3	2646.3	2778.7	2917.6	3063.5	3216.6	3377.5	3546.3	3723.7	3909.8	
	Repair and Manintenance	876.0	963.6	1060.0	1166.0	1282.6	1410.8	1481.3	1555.4	1633.2	1714.8	1800.6	1890.6	1985.1	2084.4	2188.6	2298.1	
	Lighting, Power and Energy	2093.5	2302.9	2533.1	2786.4	3065.1	3371.6	3540.2	3717.2	3903.1	4098.2	4303.1	4518.3	4744.2	4981.4	5230.5	5492.0	
	Other Administrative Costs	121.0	133.1	146.4	161.1	177.2	194.9	204.6	214.8	225.6	236.9	248.7	261.1	274.2	287.9	302.3	317.4	
	Operating Cost	4580.9	5039.0	5542.9	6097.2	6706.9	7377.6	7746.5	8133.8	8540.5	8967.5	9415.9	9886.7	10381.0	10900.1	11445.1	12017.3	
	Depreciation for Replacement	387.6	426.3	469.0	515.9	567.4	624.2	655.4	688.2	722.6	758.7	796.6	836.5	878.3	922.2	968.3	1016.7	
	Expenditure	4968.5	5465.3	6011.9	6613.0	7274.3	8001.8	8401.9	8822.0	9263.1	9726.2	10212.5	10723.1	11259.3	11822.3	12413.4	13034.1	
	O&M Efficiency Improvement Effect (O&M Audit)	15.2	17.5	19.3	21.2	23.3	25.7	14.1	14.8	15.6	16.3	17.1	18.0	9.5	9.9	10.4	10.9	
	Energy Saving Effect	57.1	62.8	69.1	76.0	83.6	92.0	33.7	35.4	37.2	39.0	41.0	43.0	22.6	450.7	24.9	26.2	
	Administration Cost Saving	2.3	2.4	2.7	2.9	3.2	3.5	1.9	2.0	2.1	2.3	2.4	2.5	1.3	1.4	1.4	1.5	
Operating Cost reduction effort	74.5	82.7	91.0	100.1	110.1	121.1	49.8	52.3	54.9	57.6	60.5	63.5	33.4	462.0	36.8	38.6		
TOTAL EXPEND. FORECAST	4893.9	5382.6	5920.8	6512.9	7164.2	7880.6	8352.1	8769.7	9208.2	9668.6	10152.0	10659.6	11226.0	11360.3	12376.6	12995.4		
O&M Efficiency Improvement (%)	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5		
Energy Saving Effect (%)	3.0	3.0	3.0	3.0	3.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	9.5	0.5	0.5		
Administration Cost Saving (%)	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5		
Balance (Total Revenue-Total)	-2133.5	-1590.1	-1163.1	-492.0	-268.5	-42.1	-121.9	65.8	277.9	516.9	785.4	1086.1	954.5	1421.2	1035.9	1079.7		
Loan Requirement	2133.5	1590.1	1163.1	492.0	268.5	42.1	121.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Loan Repayment	0.0	0.0	0.0	0.0	0.0	0.0	355.6	620.6	814.5	896.4	585.6	948.2	612.9	347.9	154.1	72.1		
Outstanding Loan Amount	4029.0	5619.1	6782.2	7274.2	7542.7	7584.8	7351.1	6730.5	5916.1	5019.6	4434.0	3485.8	2872.8	2524.9	2370.8	2298.7		
Tariff Increase Level	30.0	30.0	30.0	30.0	15.0	15.0	7.5	7.5	7.5	7.5	7.5	7.5	5.0	5.0	5.0	5.0		
Inflation Rate Forecast	12.7	10.0	10.0	10.0	10.0	10.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
Substantial Tariff Increase Level	17.3	20.0	20.0	20.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0		

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
BALANCE SHEET
AS AT JUNE 30, 2009**

	Note	2009 Rupees	2008 Rupees
NON CURRENT ASSETS			
Property, plant and equipment	4	8,682,627,795	7,063,689,306
Stores held for capital expenditures	5	344,077,760	17,655,485
Advances for acquisition of land	6	48,639,895	48,639,895
Long term investments	7	135,297,948	330,325,905
Long term loans to employees	8	9,519,481	11,662,904
Long term security and other deposits	9	31,508,848	18,485,249
		9,251,671,727	7,490,458,744
CURRENT ASSETS			
Stores and spares	10	219,050,018	25,162,241
Consumer receivables	11	2,772,053,466	2,378,052,679
Current portion of long term investments	7	79,420,836	135,354,652
Advances to employees	12	8,825,945	12,590,499
Prepayments and other receivables	13	121,795,851	128,815,075
Cash and bank balances	14	1,390,807,631	1,713,143,277
		4,591,953,747	4,393,118,423
TOTAL ASSETS		13,843,625,474	11,883,577,167
FUNDS AND RESERVES			
Capital contribution	15	1,459,990,476	1,445,686,211
Fair value reserve	16	35,407,862	163,726,550
Accumulated (loss)		(7,075,780,995)	(6,404,286,439)
		(5,580,382,657)	(4,794,873,678)
DEFERRED CREDIT	17	6,325,734,287	4,335,736,059
NON CURRENT LIABILITIES			
Long term loans	18	5,589,358,189	5,589,358,189
Mark-up on long term loans		4,114,374,454	4,114,374,454
Employee benefits	19	898,337,533	893,264,137
Consumer security and plumber deposits	20	22,958,576	22,559,776
		10,625,028,752	10,619,556,556
CURRENT LIABILITIES			
Deposits work in progress	21	188,892,803	193,444,205
Creditors, accrued and other liabilities	22	2,284,352,289	1,529,714,025
		2,473,245,092	1,723,158,230
CONTINGENCIES AND COMMITMENTS	23	-	-
TOTAL FUNDS AND LIABILITIES		13,843,625,474	11,883,577,167

The annexed notes 1 to 32 form an integral part of these financial statements.


Managing Director


Deputy Managing Director
(Finance, Administration & Revenue)


Director Finance

**WATER AND SANITATION AGENCY
 SHORE DEVELOPMENT AUTHORITY
 PROFIT AND LOSS ACCOUNT
 FOR THE YEAR ENDED JUNE 30, 2009**

Note	2009	2008
	Rupees	Rupees
Income		
Revenue	2,622,332,348	2,332,439,520
Other operating income	113,292,575	220,135,596
	<u>2,735,624,923</u>	<u>2,552,575,116</u>
Expenses		
General and administrative expenses	(3,398,224,174)	(2,547,933,697)
Other operating expenses	(1,426,719)	(1,409,929)
Finance cost	(7,468,586)	(9,559,733)
	<u>(3,407,119,479)</u>	<u>(2,558,903,359)</u>
(Loss) for the year	<u><u>(671,494,556)</u></u>	<u><u>(6,328,243)</u></u>

The annexed notes 1 to 32 form an integral part of these financial statements.


 Managing Director


 Deputy Managing Director
 (Finance, Administration & Revenue)


 Director Finance

**WATER AND SANITATION AGENCY
 AHORE DEVELOPMENT AUTHORITY
 STATEMENT OF CHANGES IN FUNDS
 FOR THE YEAR ENDED JUNE 30, 2009**

	CAPITAL CONTRIBUTION	FAIR VALUE RESERVE	ACCUMULATED (LOSS)	TOTAL
	Rupees			
Balance as at July 01, 2007	1,445,346,968	179,828,701	(6,397,958,196)	(4,772,782,527)
Contribution received during the year	339,243	-	-	339,243
Fair value (loss) on remeasurement of available for sale investment	-	(16,102,151)	-	(16,102,151)
(Loss) for the year	-	-	(6,328,243)	(6,328,243)
Balance as at June 30, 2008	1,445,686,211	163,726,550	(6,404,286,439)	(4,794,873,678)
Balance as at July 01, 2008	1,445,686,211	163,726,550	(6,404,286,439)	(4,794,873,678)
Contribution received during the year	14,304,265	-	-	14,304,265
Fair value (loss) on remeasurement of available for sale investment	-	(128,318,688)	-	(128,318,688)
(Loss) for the year	-	-	(671,494,556)	(671,494,556)
Balance as at June 30, 2009	1,459,990,476	35,407,862	(7,075,780,995)	(5,580,382,657)

The annexed notes 1 to 32 form an integral part of these financial statements.


 Managing Director


 Deputy Managing Director
 (Finance, Administration & Revenue)


 Director Finance

**WATER AND SANITATION AGENCY
 AHORE DEVELOPMENT AUTHORITY
 CASH FLOW STATEMENT
 FOR THE YEAR ENDED JUNE 30, 2009**

Note	2009 Rupees	2008 Rupees
CASH FLOW FROM OPERATING ACTIVITIES		
(Loss) for the year	(671,494,556)	(6,328,243)
Adjustments for non cash and other items:		
Depreciation	311,666,872	293,950,518
Capital expenditure expensed out	43,579,579	41,235,161
Amortization of deferred credit and grants	(178,536,680)	(78,493,022)
Provision for staff retirement benefits	75,168,344	60,379,817
Interest accrued on term deposit receipts	25,209,060	(40,461,804)
Interest accrued on defence saving certificates	(8,802,540)	(29,227,665)
Cash flow before working capital changes	268,284,635	247,383,005
(Increase) / decrease in current assets	(403,209,921)	241,054,762
Stores and spares	(193,887,777)	(3,193,439)
Consumer receivables	(394,000,787)	(276,708,587)
Advances to employees	3,764,554	(2,879,026)
Prepayments and other receivables	(18,189,836)	143,233,236
Increase / (decrease) in current liabilities	(602,313,846)	(139,547,816)
Creditors, accrued and other liabilities	754,638,264	(162,682,355)
Deposits work in progress	(4,551,403)	(229,683,097)
Cash (used in) operations	750,086,861	(392,365,452)
Consumer security and plumber deposits	(255,436,906)	(290,858,506)
Retirement benefits paid - net	398,800	460,000
Net cash (used in) operating activities	(70,094,948)	(55,350,365)
CASH FLOW FROM INVESTING ACTIVITIES	(325,133,054)	(345,748,871)
Long term investments - net	131,445,626	123,678,763
Long term security deposits	(13,023,599)	(1,520,950)
Advances for acquisition of land	-	(22,770,000)
Capital expenditure incurred	(1,974,184,940)	(1,461,915,196)
Stores held for capital expenditure issued	(326,422,275)	(2,698,106)
Long term loans to employees	2,143,423	(650,453)
Net cash (used in) investing activities	(2,180,041,765)	(1,365,875,942)

WATER AND SANITATION AGENCY (LDA)
BUDGET AT A GLANCE

(RS. In million)

DESCRIPTION		2018-19		2019-20
		BUDGET ESTIMATES	REVISED ESTIMATES	BUDGET ESTIMATES

NON- DEVELOPMENT BUDGET

- OPENING BALANCE	(1)	101.859	101.859	95.502
- RECEIPTS DURING THE YEAR	(2)	6,501.490	7,103.006	7,933.900
- TOTAL	3=(1+2)	6,603.349	7,204.865	8,029.402
- TOTAL EXPENDITURE	(4)	12,753.860	9,948.029	13,942.743
- SURPLUS/(DEFICIT) FOR THE YEAR	5=(3-4)	(6,150.511)	(2,743.164)	(5,913.341)
- GRANT BY GOVERNMENT	(6)	2,845.250	2,838.666	2,625.701
- CLOSING BALANCE	7=(5+6)	(3,305.261)	95.502	(3,287.639)

DEVELOPMENT BUDGET

RECEIPTS:

- OPENING BALANCE	(8)	2,399.467	2,399.467	2,221.217
- DEVELOPMENT RECEIPTS FOR THE YEAR	(9)	949.519	1,273.317	1,588.040
TOTAL RECEIPTS:	10=(8+9)	3,348.986	3,672.784	3,809.257

EXPENDITURE:

- DEVELOPMENT EXPENDITURE	(11)	1,249.592	728.969	1,958.501
- DEPOSIT WORKS - LDA & OTHERS	(12)	1,260.557	722.598	1,011.917
TOTAL EXPENDITURE :	13=(11+12)	2,510.148	1,451.567	2,970.418
- TRANSFERABLE TO PENSION FUND	13A	838.839	-	838.839
- CLOSING BALANCE	14=(13-13A)	-	2,221.217	-

TOTAL (NON-DEVELOPMENT & DEVELOPMENT)

- RECEIPTS	15=(3+6+10)	12,797.586	13,716.316	14,464.361
- EXPENDITURE	16=(4+13+13A)	16,102.847	11,399.596	17,752.000
- SURPLUS / (SHORTFALL)	17=(15-16)	(3,305.261)	2,316.720	(3,287.639)

**WATER AND SANITATION AGENCY –
LAHORE DEVELOPMENT AUTHORITY
FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

RSM Avais Hyder Liaquat Nauman

Avais Chambers, 1-C/5
Sikander Malhi Road, Canal Park
Gulberg II, Lahore, Pakistan

T: +92 (42) 3587 2731-3
F: +92 (42) 3587 2734

lahore@rsmpakistan.pk
www.rsmpakistan.pk

AUDITORS' REPORT TO THE AUTHORITY

We were engaged to audit the accompanying financial statements of **Water and Sanitation Agency – Lahore Development Authority** (the Agency), which comprise the balance sheet as at **June 30, 2009**, and the related profit and loss account, cash flow statement and statement of changes in funds for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.


Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with International Standards on Auditing. Because of the matters described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

- i. We were not appointed as auditors of the Agency until September 10, 2015, and we have expressed a disclaimer of opinion on last year financial statements, therefore, we were unable to satisfy ourselves concerning opening balances appearing in current year financial statements due to non-availability of supporting records. Since opening balances affect the determination of the results of operations, we were unable to determine whether any adjustments to the results of operations might be necessary for the year ended June 30, 2009. Our audit opinion on the financial statements for the year ended June 30, 2009 was modified accordingly. Our opinion on the current year financial statements was also modified because of the possible effect of this matter on the comparability of the current year's figures and the corresponding figures.

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- ii. We could not perform sufficient audit procedures to verify additions of Rs. 1,040,192,291/- to operating fixed assets and capital expenditures incurred amounting to Rs. 1,659,187,067/- during the year due to non-availability of supporting records. We could not satisfy ourselves regarding existence, rights and obligations, completeness and valuation of carrying value of operating fixed assets of Rs. 7,190,984,961/- and capital work in progress of Rs. 1,491,642,834/- as disclosed in note 4 to the financial statements. We were, therefore, unable to determine whether any adjustment might have been found necessary in operating fixed assets and impairment of operating fixed assets, if any, and the elements making up the financial statements.
- iii. We could not perform sufficient and appropriate audit procedures to verify the following non-current assets due to non-availability of supporting records:
- Advances for acquisition of land of Rs. 48,639,895/- as disclosed in note 6 to the financial statements;
 - Long term loans to employees of Rs. 9,519,481/- as disclosed in note 8 to the financial statements and;
 - Long term security and other deposits of Rs. 31,508,848/- as disclosed in note 9 to the financial statements
- We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.
- iv. We could not perform sufficient audit procedures to verify long term investments of Rs. 214,718,784/-, as disclosed in note 7 to the financial statements due to non-availability of supporting records. Further, the balance of defence saving certificates remains unconfirmed. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.
- v. We were not appointed as auditors of the Agency until September 10, 2015 and thus did not observe the counting of physical stores and spares, and cut off procedures as of June 30, 2009. Owing to the nature of the entity's records, we were unable to satisfy ourselves by alternative means concerning the balances of stores held for capital expenditure and stores and spares held at June 30, 2009 amounting to Rs. 344,077,760/- and Rs. 219,050,018/- as disclosed in note 5 and note 10 to the financial statements, respectively. As a result, we were unable to determine whether any adjustments might have been found necessary in respect of recorded or unrecorded stores and spares.

RSM

- vi. We were unable to obtain sufficient appropriate audit evidence to verify consumer receivables as disclosed in note 11 of Rs. 2,772,053,466/- due to non-availability of supporting records. Further, the balances of Rs. 115,685,304/-, Rs. 45,727,146/- and Rs. 54,630,716/- receivable from City District Government Lahore, Lahore Development Authority and Parks and Horticulture Authority respectively, as disclosed in note 11 to the financial statements, against supply of water remain unconfirmed. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.
- vii. We could not perform sufficient audit procedures to verify the balances of Advances to employees of Rs. 8,825,945/- and Prepayments and other receivables of Rs. 121,795,851/- as disclosed in note 12 and 13 to the financial statement respectively, due to non-availability of supporting records. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.
- viii. We could not perform sufficient audit procedures to verify the carrying amount of cash and bank balances as disclosed in note 14 to the financial statements due to non-availability of supporting records. We circulated direct confirmations to financial institutions, General Post Office and Government Treasury, however, out of 14 accounts only 1 account balance was substantiated through direct confirmations. Out of 10 bank accounts, the bank statements of 6 bank accounts was not provided. Further, the statements of agency's account with Government Treasury, General Post Office and National Saving Centre were not provided. Therefore, the balance with government treasury of Rs. 943,641,462/-, balance with General Post Office of Rs. 5,659,048/-, balance with banks of Rs. 441,975,273/-, and balance with National Saving Centre of Rs. 19,701/- as disclosed in note 14 to the financial statements remains unconfirmed. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances.
- ix. We were not appointed as auditors of the Agency until September 10, 2015 and thus, we could not observe the cash count at balance sheet date. Therefore, the cash balance as at June 30, 2009, as disclosed in note 14 to the financial statements, of Rs. 131,087/- remains unverified. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balance and the elements making up the financial statements.

RSM

x. We were unable to obtain sufficient appropriate audit evidence about the balances as stated in Note 15, 16, 17, 19, 20, 21 and 22 to the financial statements due to non-availability of supporting records related to the transactions and account balances.

a. Capital contribution	Rs. 1,459,990,476/-
b. Fair value reserve	Rs. 35,407,862/-
c. Deferred Credit	Rs. 6,325,734,287/-
d. Employee benefits	Rs. 898,337,533/-
e. Consumer security and plumber deposits	Rs. 22,958,576/-
f. Deposits work in progress	Rs. 188,892,803/-
g. Creditors, accrued and other liabilities	Rs. 2,284,352,289/-

We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.

xi. We were unable to obtain sufficient appropriate audit evidence to verify the long term loans of Rs. 5,589,358,189/- obtained from the Government of Punjab, Foreign agencies through Government of Punjab, Lahore Development Authority and City District Government Lahore as stated in note 18 to the financial statements and markup on long term loans of Rs. 4,114,374,454/- due to non-availability of supporting records. Further, these balances remain unconfirmed. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.

xii. We were unable to confirm contingencies and commitments, as disclosed in note 23 to the financial statements, and their possible financial impact on these financial statements due to non-availability of supporting records. Further, we did not receive any confirmation of legal advisors regarding pending cases / litigations.

xiii. We were unable to obtain sufficient appropriate audit evidence relating to the revenue of Rs. 2,622,332,348/-, as disclosed in note 24 to the financial statements due to non-availability of supporting records. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above-balances and the elements making up the financial statements.

xiv. We were unable to obtain sufficient appropriate audit evidence about other operating income of Rs. 113,292,575/- as disclosed in note 25 to the financial statements, general and administrative expenses, other operating expenses and finance cost as stated in Note 26, 27 and 28 to the financial statements respectively, of-Rs. 3,398,224,174/-, Rs. 1,426,719/- and Rs. 7,468,586/- respectively, due to non-availability of supporting records. We were, therefore, unable to determine whether any adjustment might have been found necessary in respect of above balances and the elements making up the financial statements.

RSM

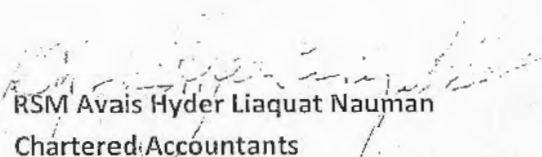
- xv. The Agency has incurred net loss of Rs. 671,494,556/- (2008: Rs. 6,328,243/-) during the year. Its accumulated loss is Rs. 7,075,780,995/- (2008: Rs. 6,404,286,439/-) as at balance sheet date against reserves of Rs. 1,495,398,338/- (2008: 1,609,412,761/-). These conditions along with other matters, as set forth in note 1.2 to the financial statements, indicate the existence of material uncertainty that may cast significant doubt about the Agency's ability to continue as going concern. However, the management of the Agency is confident that due to continuous support from the Government of Punjab, the Agency will be able to continue as going concern.

Disclaimer of Opinion

Because of the significance of the matters described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on the financial statements.

Other Matter

Audit for the year ended June 30, 2009 has been finalized after seven years of close of financial year, mainly due to misplacement of vouchers and supporting documentation during relocation of the Agency's office premises.


RSM Avais Hyder Liaquat Nauman
Chartered Accountants

Engagement Partner: Syed Ali Adnan Tirmizey

Place: Lahore

Date:

11 AUG 2017

RSM

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
CASH FLOW STATEMENT
FOR THE YEAR ENDED JUNE 30, 2009**

	Note	2009	2008
		Rupees	Rupees
CASH FLOW FROM FINANCING ACTIVITIES			
Capital contribution received during the year		14,304,265	339,243
Grant received during the year		2,168,534,908	469,033,727
Net cash generated from financing activities		<u>2,182,839,173</u>	<u>469,372,970</u>
Net (decrease) in cash and cash equivalents		(322,335,646)	(1,242,251,843)
Cash and cash equivalents at the beginning of the year		1,713,143,277	2,955,395,120
Cash and cash equivalents at the end of the year	14	<u>1,390,807,631</u>	<u>1,713,143,277</u>

The annexed notes 1 to 32 form an integral part of these financial statements.

Managing Director

Deputy Managing Director
(Finance, Administration & Revenue)

Director Finance

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

1. THE AGENCY AND ITS OPERATIONS

1.1 The Water and Sanitation Agency (the Agency) is a wing of Lahore Development Authority (LDA) established under section 10 (2) of "Lahore Development Authority Act, 1975". The head office of the Agency is situated in Lahore. The main objectives of the Agency are to supply water and to develop, operate and maintain water, sewerage and drainage system. The Agency also collects rates, fees and charges for water supply, sewerage and drainage.

1.2 The Agency has incurred net loss of Rs. 671.49 million (2008: Rs. 6.33 million) during the year. Its accumulated loss is Rs. 7.08 billion (2008: Rs. 6.40 billion) as at balance sheet date against reserves of Rs. 1.50 billion (2008: Rs. 1.61 billion). These conditions indicate the existence of material uncertainty that may cast significant doubt about the Agency's ability to continue as going concern. However, the management of the Agency is confident that due to continuous support from Government of Punjab, the Agency will be able to continue as a going concern.

1.3 The vouchers and supporting documentation relating to balances stated in the financial statements were not available due to misplacement of the said documentation during relocation of the Agency's office premises in 2008. Further, no document retention policy is in place in the Agency's standard operating procedures.

2. STATEMENT OF COMPLIANCE

These financial statements have been prepared in accordance with the approved accounting standards as applicable in Pakistan. Approved accounting standards comprise of such International Accounting Standards (IASs) / International Financial Reporting Standards (IFRSs) issued by the International Accounting Standards Board (IASB).

3. SIGNIFICANT ACCOUNTING POLICIES

3.1 Basis of preparation

3.1.1 Accounting Convention

These financial statements have been prepared under the historical cost convention except for certain financial instruments which are carried at fair value.

3.1.2 Critical accounting estimates and judgements

The preparation of financial statements in conformity with approved accounting standards requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the Agency's accounting policies. Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The area where various assumptions and estimates are significant to the Agency's financial statements or where judgements were exercised in application of accounting policies are as follows:

- Useful life and depreciation rates for property, plant and equipment
- Provisions against obsolete, slow moving stores and spares
- Provisions against receivables
- Amortization of government grants
- Employee benefits

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

3.1.3 Standards, amendments and interpretations to published approved accounting standards that are effective in current year and relevant

- a) IFRS 7 - Financial Instruments - Disclosures is mandatory for Agency's accounting periods beginning on or after April 28, 2008. Adoption of the standard only impacts the format and extent of disclosures presented in the financial statements and do not have any impact on the classification and valuation of the Agency's financial instruments.
- b) IFRIC 14 'IAS 19 - The limit on a defined benefit asset, minimum funding requirements and their interaction' was issued in July 2007 and is effective for the periods beginning from or after January 1, 2008. This interpretation provides general guidance on the extent to which pension surplus may be recognized as an asset.

3.1.4 Standards, amendments and interpretations to published approved accounting standards that are effective in current year but not relevant

There are other accounting standards, amendments to published approved accounting standards and new interpretation that are mandatory for accounting periods beginning on or after July 01, 2008 but are considered not to be relevant or do not have any significant impact on the Agency's financial statements and are therefore not detailed in these financial statements.

3.1.5 Standards, amendments and interpretations to published approved accounting standards that are relevant, but not yet effective

Following amendments to existing standards and interpretations have been published that are mandatory for accounting periods beginning on the dates mentioned below:

- | | | |
|----|--|---------------------------------|
| a) | IAS-1 Presentation of financial statements | Effective from January 01, 2009 |
| b) | IAS-23 Borrowing Costs | Effective from January 01, 2009 |

Adoption of the above amendments and interpretations are not expected to have any material effect on the amounts recognized in these financial statements.

3.2 Property, plant and equipment

3.2.1 Operating fixed assets

These are stated at cost less accumulated depreciation and accumulated impairment loss, if any, except freehold land which is stated at cost less accumulated impairment loss, if any. Cost in relation to the assets taken over in 1967 from the Metropolitan Corporation of Lahore, Lahore Improvement Trust and the Public Health Engineering Department of the Provincial Government were determined by the management's consultants.

Depreciation on fixed assets is charged to profit and loss by applying the straight line method at the rates given in Note 4 to write off the cost of operating fixed assets over their expected useful lives. Full year's depreciation is charged on the additions during the first six months of financial year and no depreciation is charged against assets acquired in the last six months and the assets disposed of during current financial year.

3.2.1 Capital work in progress

Capital works in progress stated at cost less accumulated impairment loss, if any. These are transferred to operating fixed assets as and when assets are available for use.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

Repair and maintenance expenditure on capital works in progress are charged to profit and loss account as and when incurred while major renewals and improvements are capitalized. Gains and losses on disposal of operating fixed assets are charged to profit and loss account currently.

3.3 Investments

3.3.1 Held-to-maturity

Held to maturity investments are initially measured at fair value plus transaction costs and at each subsequent balance sheet date these are measured at amortized cost using effective interest rate. Effective interest rate is the rate that exactly discounts the expected stream of future cash flows through maturity to the net carrying amount of the investment at the inception. Gain or loss arising through amortization process is recognized in profit and loss account for the period in which such gain or loss arises.

3.3.2 Available for Sale

Available for sale investments are initially recognized at fair value. Subsequently, these are remeasured at fair value at each balance sheet date, with difference taken to fair value reserve. At the time of disposal, the relevant amount in fair value reserve is transferred to profit and loss account.

3.4 Stores and spares

Stores and spares except for stores in transit are stated at lower of cost and net realizable value. Cost is determined as follows:

Useable stores, spare parts and loose tools are valued principally at moving average cost, while provisions are made against slow moving and obsolete items. Stores and spares in transit are valued at cost comprising invoice price plus other charges paid thereon.

Net realizable value signifies the estimated selling price in the ordinary course of business less cost necessary to be incurred in order to make a sale.

3.5 Trade debts and other receivables

Trade debts and other receivables are carried at original bill amount, debts considered irrecoverable are written-off and provision is made for debts considered doubtful based on review of outstanding amounts at the year end.

3.6 Cash and cash equivalents

Cash and cash equivalents are carried in the balance sheet at book value which approximates their fair value. For the purpose of cash flow statement, cash and cash equivalents consist of cash in hand, cash at banks on current, saving and deposit accounts and other short term highly liquid instruments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in values.

3.7 Employee benefits

3.7.1 Defined benefit plans

The Agency operates unfunded pension, post retirement free medical, leave encashment and post retirement free water schemes for its permanent employees. An actuarial valuation of all defined benefits schemes is conducted every year. The valuation uses the Projected Unit Credit method. The Agency's policy with regard to recognition of actuarial gains and losses is to follow the minimum recommended approach under IAS-19 "Employee Benefits". Provision to cover these obligations is made on the basis of actuarial valuation which was carried out at balance sheet date.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

3.8 Grants and deferred credit

Funds received from Government of the Punjab under people works programme, other grants and grants through MNAs / MPAs under development works programme, are treated as "Grants" and transferred to deferred credit at the time of transfer of related development work costs to the operating fixed assets. Deferred credits are amortized over the useful life of the related fixed assets.

3.9 Revenue recognition

- a) Revenue from supply of water is recognized on the basis of water supplied to the consumers as the rates fixed by the Government of Punjab.
- b) Income from aquifer charges and sewerage service augmentation charges is recognized on the basis of actual collection.
- c) Share in property tax is accounted for on the basis of the advices received from the Provincial Government.
- d) Connection and other fees are accounted for on receipt basis.
- e) Income from works carried out on behalf of depositors is recognized on completion of work.

3.10 Creditors, accrued and other liabilities

Creditors, accrued and other liabilities are initially recognized at fair value which is normally the transaction cost.

3.11 Taxation

No provision for taxation has been made in these financial statements as the income of Lahore Development Authority, of which Agency is a wing, is exempt from tax.

3.12 Provisions

Provisions are recognized when the Agency has a legal or constructive obligation as a result of past event, and it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate of the amount can be made.

3.12.1 Financial instruments

Financial instruments comprise long term loans, long term investments, trade debts, loans and receivables, cash and bank balances, long term financing and creditors, accrued and other liabilities.

Financial assets and liabilities are recognized when the Agency becomes a party to contractual provisions of the instruments.

The particular measurement methods adopted are disclosed in the individual policy statements associated with each item. Financial assets are derecognized when the Agency loses control of the contractual rights that comprise the financial asset. The Agency loses such control if it realizes the rights to benefits specified in contract, the rights expire or the Agency surrender those rights. Financial liabilities are derecognized when obligation specified in the contract is discharged, cancelled or expired. Any gain or loss on subsequent measurement and derecognition is charged to the profit and loss account.

Financial assets and liabilities are offset when the Agency has a legally enforceable right to offset and intends to settle either on a net basis or to realize the asset and settle the liability simultaneously.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

3.13. Borrowing cost

Interest, mark-up and other charges on long-term finances are capitalized up to the date of commissioning of respective qualifying assets acquired out of the proceeds of such long-term finances. All other interest, mark-up and other charges are recognized in profit and loss account.

3.14. Impairment

3.14.1. Financial assets

A financial asset is considered to be impaired if objective evidence indicates that one or more events had a negative effect on the estimated future cash flows of that asset.

An impairment loss in respect of a financial asset measured at amortized cost is calculated as a difference between its carrying amount and the present value of estimated future cash flows discounted at the original effective interest rate. An impairment loss in respect of available for sale financial asset is calculated with reference to its current fair value.

Individually significant financial assets are tested for impairment on individual basis. The remaining financial assets are assessed collectively in groups that share similar credit risk characteristics.

3.14.2. Non-financial assets

The carrying amounts of the Agency's assets are reviewed at each balance sheet date to determine whether there is any indication of impairment. If such indication exists, the recoverable amount of such asset is estimated. An impairment loss is recognized wherever the carrying amount of the asset exceeds its recoverable amount. Impairment losses are recognized in profit and loss account. A previously recognized impairment loss is reversed only if there has been a change in the estimates used to determine the asset's recoverable amount since the last impairment loss was recognized. If that is the case, the carrying amount of the asset is increased to its recoverable value. That increased amount cannot exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized for the asset in prior years. Such reversal is recognized in profit and loss account.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

4 PROPERTY, PLANT AND EQUIPMENT	Note	2009	2008
		Rupees	Rupees
Operating fixed assets	4.1	7,190,984,961	6,462,459,542
Capital work in progress	4.2	1,491,642,834	601,229,764
		<u>8,682,627,795</u>	<u>7,063,689,306</u>

4.1 Operating fixed assets

PARTICULARS	COST				Rate (%)	ACCUMULATED DEPRECIATION			Written down value as at June 30, 2009
	July 01, 2008	Transfers / Additions	Deletions	June 30, 2009		July 01, 2008	Charge for the year	Adjustment	
	Rupees					Rupees			Rupees
Land	271,021,860	-	-	271,021,860	-	-	-	-	271,021,860
Buildings	109,881,847	4,241,924	-	114,123,771	2	30,664,259	2,222,969	-	32,887,228
Tube wells	1,386,414,493	50,523,771	-	1,436,938,264	6.7	758,058,023	77,895,370	-	835,953,393
Sewerage pumping stations	1,169,167,108	101,347,995	-	1,270,515,103	6.7	704,110,175	66,221,392	-	770,331,567
Drains	1,798,299,198	52,646,707	-	1,850,945,905	1.3	218,203,375	24,116,869	-	242,320,244
Water pipelines	1,625,170,158	253,025,029	-	1,878,195,187	2.5	411,063,216	43,178,751	-	454,241,967
Sewer pipelines	2,595,584,253	271,139,238	-	2,866,723,491	2	588,519,742	54,996,404	-	643,516,146
Mobiles and other equipment	391,591,099	301,147,505	-	692,738,604	10	211,037,701	30,383,823	-	241,421,524
Furniture, fixtures and office equipment	34,023,744	581,040	-	34,604,784	10	26,725,556	871,005	-	27,596,561
Computer equipment	14,903,138	2,188,082	-	17,091,220	20	12,282,311	1,294,682	-	13,576,993
Vehicles	131,625,541	3,351,000	-	134,976,541	20	104,558,539	10,485,607	-	115,044,146
2009 (Rupees)	<u>9,527,682,439</u>	<u>1,040,192,291</u>	<u>-</u>	<u>10,567,874,730</u>		<u>3,065,222,897</u>	<u>311,666,872</u>	<u>-</u>	<u>3,376,889,769</u>
2008 (Rupees)	<u>8,273,638,487</u>	<u>1,254,043,952</u>	<u>-</u>	<u>9,527,682,439</u>		<u>2,771,272,379</u>	<u>293,950,518</u>	<u>-</u>	<u>3,065,222,897</u>

4.2 Capital work in progress

	2009	2008
	Rupees	Rupees
Opening balance	601,229,764	434,593,681
Add: Capital expenditure incurred during the year	1,659,187,067	1,450,070,157
Less: Expenditure capitalized during the year	725,194,418	1,242,198,913
Expenditure expensed out during the year	43,579,579	41,235,161
	(768,773,997)	(1,283,434,074)
Closing balance	<u>1,491,642,834</u>	<u>601,229,764</u>

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

5	STORES HELD FOR CAPITAL EXPENDITURES	2009	2008
		Rupees	Rupees
	Pipelines and fittings	18,275,992	19,793,906
	Machinery and plants	337,368,455	9,428,266
		355,644,447	29,222,172
	Less: Provision for slow moving items	(11,566,687)	(11,566,687)
		344,077,760	17,655,485

6	ADVANCES FOR ACQUISITION OF LAND
	These represent the amounts deposited in Government treasury against purchase of land.

7	LONG TERM INVESTMENTS	Note	2009	2008
			Rupees	Rupees
	Held to maturity			
	Defence Saving Certificates	7.1	79,420,836	202,063,921
	Available for sale			
	National Investment Trust (NIT) units		135,297,948	263,616,636
			214,718,784	465,680,557
	Less: Current portion of defence saving certificates: held to maturity		(79,420,836)	(135,354,652)
			135,297,948	330,325,905

7.1 This represents amount invested in Defence Saving Certificates, issued by National Saving Centre, having maturity period ranging from two years to ten years.

8	LONG TERM LOANS TO EMPLOYEES	2009	2008
		Rupees	Rupees
	Considered good:		
	House building and repair	9,200,000	10,695,305
	Car and motor cycle	319,481	967,599
		9,519,481	11,662,904

8.1 No interest is charged on house building loans to employees of grade 1 to 15. Interest on the remaining loans is charged at the rates advised by Government of Punjab. House building and motor cycle / car loans are secured by way of mortgage and hypothecation of respective assets.

9	LONG TERM SECURITY AND OTHER DEPOSITS	Note	2009	2008
			Rupees	Rupees
	Share in LDA house	9.1	3,220,000	3,220,000
	Security deposits	9.2	28,288,848	15,265,249
			31,508,848	18,485,249

9.1 This represents the amount paid by the Agency as its share in the cost of construction of LDA Plaza in the year 1977-78.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

9.2 This represents the amounts deposited against electricity, sui gas and telephone connections.

10	STORES AND SPARES		2009	2008
			Rupees	Rupees
	Stores and spares		220,477,427	26,589,650
	Less: Provision for obsolete / slow moving items		(1,427,409)	(1,427,409)
			<u>219,050,018</u>	<u>25,162,241</u>

11	CONSUMER RECEIVABLES	Note	2009	2008
			Rupees	Rupees
	Water and sewerage connections - General consumers:		2,848,575,927	2,454,575,140
	City District Government Lahore		115,685,304	115,685,304
	Lahore Development Authority		45,727,146	45,727,146
	Parks and Horticulture Authority		54,630,716	54,630,716
			<u>3,064,619,093</u>	<u>2,670,618,306</u>
	Less: Allowance for uncollectible	11.1	(292,565,627)	(292,565,627)
			<u>2,772,053,466</u>	<u>2,378,052,679</u>
11.1	Opening balance		292,565,627	292,565,627
	Add: Provision made during the year		-	-
			<u>292,565,627</u>	<u>292,565,627</u>
	Less: Credit adjustments		-	-
	Closing balance		<u>292,565,627</u>	<u>292,565,627</u>

12	ADVANCES TO EMPLOYEES			

This represents advances given to employees for expenses.

13	PREPAYMENTS AND OTHER RECEIVABLES	Note	2009	2008
			Rupees	Rupees
	Short term prepayments		154,431	154,431
	Profit accrued on investments		25,209,030	40,461,804
	Share in UIP tax receivable	13.1	59,369,628	83,411,989
	Other receivables		44,388,151	12,112,240
	Less: Provision for doubtful receivables		(7,325,389)	(7,325,389)
			<u>37,062,762</u>	<u>4,786,851</u>
			<u>121,795,851</u>	<u>128,315,075</u>

13.1 This represents share in Urban Immovable Property (UIP) tax receivable from Government of the Punjab.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

14	CASH AND BANK BALANCES	Note	2009	2008
			Rupees	Rupees
	With government treasury		943,641,462	1,168,415,212
	With general post office		5,659,048	16,670,379
	With national saving center		19,701	19,701
	With banks - Deposit accounts	14.1	441,356,333	527,956,583
	Cash in hand		131,087	81,397
			<u>1,390,807,631</u>	<u>1,713,143,277</u>

14.1 This includes SNDRs which carrying return @ 0.8% to 10.60% (2007: 0.8% to 10.60%) per annum, operational account on which interest is accrued on daily basis with minimum balance of Rupees 10 million and NIDA account on which profit is accrued at different interest rates on balance.

15	CAPITAL CONTRIBUTION	Note	2009	2008
			Rupees	Rupees
	Value of the net assets taken over from Metropolitan Corporation Lahore, Public Health Engineering Department and Lahore Improvement Trust		29,742,930	29,742,930
	Lahore Development Authority - U.D. Wing	15.1	623,437,666	609,133,401
	Government of the Punjab	15.2	806,809,880	806,809,880
			<u>1,459,990,476</u>	<u>1,445,686,211</u>

15.1 This represents the funds contributed by Lahore Development Authority - U.D. Wing for development works.

15.2 This represents loans outstanding towards Government of the Punjab in 1987-88 which were later on converted into capital contribution.

16	FAIR VALUE RESERVE	2009	2008
		Rupees	Rupees
	Opening balance	163,726,550	179,828,701
	Add: Fair value adjustments during the year	(128,313,688)	(16,102,151)
	Closing balance	<u>35,407,862</u>	<u>163,726,550</u>

16.1 This represents the unrealized gain on remeasurement of investments at fair value. This will be transferred to profit and loss account on realization.

17	DEFERRED CREDIT	Note	2009	2008
			Rupees	Rupees
	Government of the Punjab under people works programme			
	and through MNA's / MPA's development works programme	17.1	6,282,607,833	4,289,263,746
	Overseas Development Administration (ODA)	17.2	43,126,454	46,472,313
			<u>6,325,734,287</u>	<u>4,335,736,059</u>

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

		2009	2008
		Rupees	Rupees
17.1	Opening balance	4,289,263,746	3,895,361,305
	Add: Grants received during the year	2,168,534,908	469,033,727
		6,457,798,654	4,364,395,032
	Less: Amortized during the year	(175,190,821)	(75,131,286)
	Closing balance	6,282,607,833	4,289,263,746
17.2	Opening balance	46,472,313	49,831,049
	Less: Amortized during the year	(3,345,859)	(3,361,736)
	Closing balance	43,126,454	46,472,313
18	LONG-TERM LOANS		
		Note	
			2009
			Rupees
	Government of the Punjab	18.2	3,551,585,721
	Foreign agencies through Government of the Punjab	18.3	1,271,719,468
	Lahore Development Authority		160,053,000
	City District Government Lahore		606,000,000
			5,589,358,189
	Less: Current portion shown under current liabilities		
	Overdue installments		-
	Due within twelve months		-
			-
			5,589,358,189
			5,589,358,189
18.1	It has been agreed between the Agency and lenders during the meeting held on May 17, 2006 to freeze the current level of debt for the Agency. Therefore, the whole amount has been classified as long term and no further mark-up has been charged on above loans.		
18.2	Phase-I Programme		50,453,522
	Phase-II Programme		273,787,745
	Crash programme on drainage project		31,078,850
	Other schemes (including comprehensive drainage scheme)		2,983,368,604
	Punjab Urban Development Project		212,897,000
			3,551,585,721
18.3	The foreign exchange risk in respect of these loans is borne by Government of the Punjab.		
19	EMPLOYEE BENEFITS		
			2009
			Rupees
	Opening balance		893,264,137
	Add: Provision made during the year		75,168,344
			968,432,481
	Less: Payment to employees during the year		(70,094,948)
	Closing balance		898,337,533
			888,234,685
			60,379,817
			948,614,502
			(55,350,365)
			893,264,137

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

19.1 Number of employees as at June 30, 2008 is as follows:

Regular
Adhoc - township

2009	2008
Number of Employees	
5622	5732
102	212
5724	5944

20 CONSUMER SECURITY AND PLUMBER DEPOSITS

Consumer security
Plumber deposits

2009	2008
Rupees	
22,630,576	22,231,776
328,000	328,000
22,958,576	22,559,776

21 DEPOSITS WORK IN PROGRESS

Opening balance
Add: Amounts received during the year

Less: Expenditure incurred during the year
Closing balance

2009	2008
Rupees	
193,444,205	423,127,302
202,599,168	98,521,460
396,043,373	521,648,762
(207,150,570)	(328,204,557)
188,892,803	193,444,205

22 CRÉDITORS, ACCRUED AND OTHER LIABILITIES

Creditors
Contractor's security deposits
Accrued liabilities
Payable to government of the punjab
Payable to city district government on
account of sanitation fee
Advance from employees against sale of quarters
Income tax deducted at source
Un-earned income
Unallocated collection
Others

Note

22.1

22.2

2009	2008
Rupees	
343,018,312	176,565,921
354,158,957	219,045,792
298,702,253	111,969,675
741,354,000	560,479,000
263,766,179	252,918,379
8,461,381	8,327,815
43,541,143	10,535,202
9,748,721	9,748,721
28,046,935	27,861,127
193,554,408	152,262,393
2,284,352,289	1,529,714,025

22.1 This represents amounts payable to Government of the Punjab against the payment of electricity bills to WAPDA on behalf of Agency.

22.2 Augmentation charges
Receipts against sale of water meter
Death claims
Payable against collective bargaining agreement

2009	2008
Rupees	
155,785,012	118,048,745
33,478,089	33,478,089
4,199,440	696,662
91,867	38,897
193,554,408	152,262,393

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

23 CONTINGENCIES AND COMMITMENTS

23.1 The Agency has challenged the levy of minimum tax u/s 80-D of the Income Tax Ordinance, 1979 amounting to Rs. 12.041 million against the assessment order passed by Assistant Commissioner of Income Tax for the assessment year 1990-91 to 1993-94 dated June 21, 1995 before the Lahore High Court.

23.2 The Agency is contingently liable to claims of Rs. 65.664 million (2006: Rs. 65.664 million) lodged by the contractors/other parties in different legal cases pending with the Arbitrators and Courts of Law. Out of these claims of Rs. 42.916 million (2006: Rs. 42.916 million) have been declared against the Agency. The Agency has filed appeals in respect thereof, which are pending in various courts of law. Apart from these cases, numerous customers have also filed cases against the Agency whose impact cannot be quantified in the absence of relevant information.

24 REVENUE

	Note	2009 Rupees	2008 Rupees
Water:			
Supply of water	24.1	1,227,000,000	1,146,098,000
Connection fee		2,443,200	2,833,250
		1,229,443,200	1,148,931,250
Sewerage and drainage:			
Service charges		766,472,000	688,322,000
Service augmentation fee		2,215,465	3,780,008
Connection fee		6,845,129	3,588,597
		775,532,594	696,290,605
Others:			
Share in property tax		397,866,415	365,931,619
Amortization of deferred credit	24.2	178,536,680	78,493,022
Aquifer charges	24.3	25,000,000	25,000,000
Sale of water meters		9,569,128	12,333,737
Other fees and charges		6,384,331	5,459,287
		617,356,554	487,217,665
		2,622,332,348	2,332,439,520
24.1 Supply of water on:			
Unmetered connections		368,300,000	382,995,000
Metered connections		858,700,000	763,103,000
		1,227,000,000	1,146,098,000
24.2 Amortization of "Government of the Punjab under people works programme and through MNA's / MPA's development works programme grants"			
		175,190,821	75,131,286
Amortization of "Overseas Development Administration (ODA) grant"			
		3,345,859	3,361,736
		178,536,680	78,493,022

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

24.3 Acquirer Charges

This represents the amount received from industrial, commercial, government, semi government organizations and corporate bodies extracting water through tube wells at the rates advised by Government of Punjab.

25 OTHER OPERATING INCOME	2009	2008
	Rupees	Rupees
Profit on investments	88,824,706	155,859,744
Securities forfeited, fines and penalties	858,924	229,507
Sale of tender forms / booklets	10,322,269	5,550,325
Sale of scrap	636,936	-
Sanitation fee collection charges	11,629,200	15,681,600
Gain on deposit work in progress	51,913	-
Others	968,627	42,811,420
	113,292,575	220,135,596

26 GENERAL AND ADMINISTRATIVE EXPENSES	2009	2008
	Rupees	Rupees
Salaries and other benefits	934,280,955	772,037,809
Employee retirement benefits	115,610,632	87,635,405
Electricity and power	1,248,613,845	728,361,204
Repair and maintenance	359,626,118	397,620,551
Stores and spares consumed	388,315,455	218,168,950
Depreciation	311,666,872	293,950,518
Printing and stationery	17,630,394	7,270,932
Loss on deposit work in progress	-	67,849
Marketing and advertisement	7,168,461	13,834,344
Travelling	21,387,001	32,775,796
Rent, rates and taxes	-	105,000
Insurance	-	144,296
Postage, telephone and courier	5,154,581	5,341,343
License fee	463,506	444,753
Miscellaneous	894,451	3,597,561
Less: Allocated to capital works	(12,588,097)	(13,424,614)
	3,398,224,174	2,547,933,697

27 OTHER OPERATING EXPENSES	2009	2008
	Rupees	Rupees
Auditors' remuneration	660,000	605,000
Legal and professional	766,719	804,929
	1,426,719	1,409,929

28 FINANCE COST	2009	2008
	Rupees	Rupees
Bank charges and commission	7,468,586	9,559,733
	7,468,586	9,559,733

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

29 FINANCIAL INSTRUMENTS

Interest / markup rate risk arises from the possibility that changes in interest / markup rates will affect the value of financial instruments. As the Agency has obtained loans on fixed rates from Government of the Punjab, City District Government Lahore, International Development Association and Sweden International Development Association, therefore, the Agency is not exposed to interest rate risk:

	Interest / Mark-up bearing			Non Interest / Mark-up bearing			2009	2008
	Maturity within one year	Maturity after one year	Subtotal	Maturity within one year	Maturity after one year	Subtotal		
-----RUPEES-----								
Financial assets								
Long term investments	79,420,836	-	79,420,836	-	135,297,948	135,297,948	214,718,784	465,680,557
Long term loans to employees	-	9,519,481	9,519,481	-	-	-	9,519,481	11,662,904
Long term security and other deposits	-	-	-	-	31,508,848	31,508,848	31,508,848	18,485,249
Consumer receivables	-	-	-	2,772,053,466	-	2,772,053,466	2,772,053,466	2,378,052,679
Other receivables	-	-	-	121,641,420	-	121,641,420	121,641,420	128,660,644
Cash and bank balances	5,809,836	-	5,809,836	447,035,082	-	447,035,082	452,844,918	1,713,061,880
	85,230,672	9,519,481	94,750,153	3,340,729,968	166,806,796	3,507,536,764	3,602,286,917	4,715,603,913
Off balance sheet	-	-	-	-	-	-	-	-
Total	85,230,672	9,519,481	94,750,153	3,340,729,968	166,806,796	3,507,536,764	3,602,286,917	4,715,603,913
Financial liabilities								
Long term loans-Unsecured	4,562,701,772	625,853,417	5,188,555,189	362,781,800	38,021,200	400,803,000	5,589,358,189	5,589,358,189
Consumer security and plumber deposits	-	-	-	-	22,958,576	22,958,576	22,958,576	22,559,776
Accrued markup on long term loans	-	-	-	4,114,374,454	-	4,114,374,454	4,114,374,454	4,114,374,454
Creditors, accrued and other liabilities	-	-	-	2,198,753,549	-	2,198,753,549	2,198,753,549	1,473,241,160
Total financial liabilities	4,562,701,772	625,853,417	5,188,555,189	6,675,909,803	60,979,776	6,736,889,579	11,925,444,768	11,199,533,579
Off balance sheet	-	-	-	-	-	-	-	-
Total	4,562,701,772	625,853,417	5,188,555,189	6,675,909,803	60,979,776	6,736,889,579	11,925,444,768	11,199,533,579
On balance sheet sensitivity gap	(4,477,471,100)	(616,333,936)	(5,093,805,036)	(3,335,179,835)	105,827,020	(3,229,352,815)	(8,323,157,851)	(6,483,929,666)
Off balance sheet sensitivity gap	-	-	-	-	-	-	-	-

The effective interest / markup rates for the monetary financial assets and liabilities are mentioned in the respective notes of these financial statements.

**WATER AND SANITATION AGENCY
LAHORE DEVELOPMENT AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2009**

29.1 Fair value of financial instruments

The carrying amounts of the financial statements and financial liabilities approximate their fair values.

29.2 Foreign exchange risk

Currency risk arises mainly where receivables and payables exist due to transactions with foreign buyers and suppliers. The Agency is not engaged in any transaction with foreign buyers and suppliers and, therefore, not exposed to any foreign exchange risk. Foreign exchange risk in foreign currency loan obtained by the Agency is borne by Government of the Punjab.

29.3 Liquidity risk

Liquidity risk reflects an enterprise's inability in raising funds to meet commitments. As principal activity of the Agency is to supply water and sewerage facility to district of Lahore and has been incurring huge losses since its incorporation therefore, the Agency confronts liquidity problems. Government of the Punjab and City District Government Lahore finances the deficit of the Agency and hence, reducing its exposure to liquidity risk.

29.4 Credit and concentration of credit risk

Credit risk represents the accounting loss that would be recognized at the reporting date if counter-parties failed completely to perform as contracted. The Agency does not have significant exposure to any individual customer. The management monitors credit exposure towards the customers and makes provision against those balances considered doubtful of recovery.

30	RELATED PARTY TRANSACTIONS	2009	2008
		Rupees	Rupees
30.1	Grants received from related parties		
	Grants received from the Government of the Punjab	2,168,534,908	469,033,727

31 DATE OF AUTHORIZATION

These financial statements have been authorized for issue by the directors of Water and Sanitation Agency - LDA on 19 July 2009

32 GENERAL

32.1 Corresponding figures have been re-arranged, regrouped and reclassified wherever necessary for the purpose of comparison. However, no significant reclassification and/ or rearrangements have been made to these financial statements.

32.2 Figures have been rounded off to the nearest rupee.


Managing Director


Deputy Managing Director
(Finance, Administration & Revenue)


Director Finance

Water and Sanitation Agency Lahore

Business Plan

COMPARISON PRESENT WITH PAST

Comparative Statement of Major Expenditure
FY:2003-04 VS FY:2018-19
WASA, LDA, LAHORE

(Rs. In Millions)			
Non Development Expenditure	FY:2003-04	FY:2018-19	%age Increase
Payroll and Payroll Burden	438	4200	850
Repair and Maintenance	225	3125	400
* Power and Energy	912	5311	482
POL	51	318	524
TOTAL	1622	10954	575

* Amount is taken on estimated basis of FY 2019-20 owing to reason that A-3 tariff has been imposed by LESCO

Comparative Statement of Receipts
FY:2003-04 VS FY:2018-19
WASA, LDA, LAHORE

(Rs. In Millions)			
Non Development Receipts	FY:2003-04	FY:2018-19	%age Increase
Water Supply	688	3002	336
Sewerage & Drainage	504	2084	313
TOTAL	1192	5086	327

Comparison of Strength
As per Budget
WASA, LDA, LAHORE.

Total Number of	FY:2003-04	FY:2018-19	%age Increase
Employees	4541	7166	50
Tube Well, Disposal/Lift Stations	498	750	51

Comparison of Non Development Expenditure
(Rs. In Millions)



Comparison of Receipts
(Rs. In Millions)



Comparison of Strength



REVISED ESTIMATES FY: 2018-19

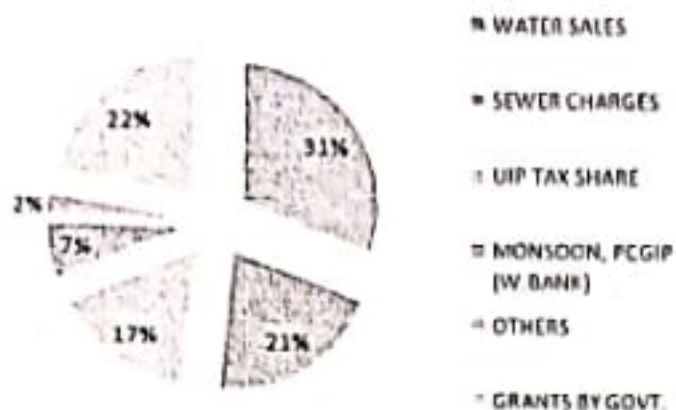
REVENUE RECEIPTS

OPERATING REVENUE	AMOUNT (Rs. In M)	%AGE
WATER SALES	3,002.412	31%
SEWER CHARGES	2,083.602	21%
UIP TAX SHARE	1,681.294	17%
MONSOON, PCGIP (W.BANK)	645.951	7%
OTHERS	227.495	2%
TOTAL REVENUE	7,640.784	78%
GRANTS BY GOVT.	2,192.715	22%
TOTAL	9,833.499	100%

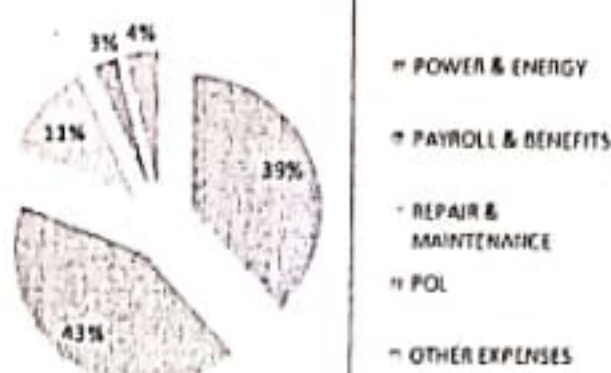
NON-DEVELOPMENT EXPENSES

OPERATING EXPENDITURE	AMOUNT (Rs. In M)	%AGE
POWER & ENERGY	3,720.533	39%
PAYROLL & BENEFITS	4,200.115	43%
REPAIR & MAINTENANCE	1,185.109	11%
POL	317.731	3%
OTHER EXPENSES	416.368	4%
TOTAL	9,839.856	100%

RECEIPTS



EXPENSES



BUDGET ESTIMATES FY: 2019-20

REVENUE RECEIPTS

OPERATING REVENUE	AMOUNT (Rs. In M)	%AGE
WATER SALES	3,334.018	32%
SEWER CHARGES	2,319.619	22%
UIP TAX SHARE	1,900.000	18%
MONSOON	425.701	4%
OTHERS	272.090	3%
TOTAL REVENUE	8,251.428	79%
GRANTS BY GOVT.	2,200.000	21%
TOTAL	10,451.428	100%

NON-DEVELOPMENT EXPENSES

OPERATING EXPENDITURE	AMOUNT (Rs. In M)	%AGE
POWER & ENERGY	5,310.500	39%
PAYROLL & BENEFITS	5,483.500	40%
REPAIR & MAINTENANCE	1,855.170	13%
POL	355.000	3%
OTHER EXPENSES	746.400	5%
TOTAL	13,750.570	100%

RECEIPTS



EXPENSES



**Comparative Statement of Receipts & Payments
For four months
WASA, LDA, LAHORE**

(Rs. In Millions)

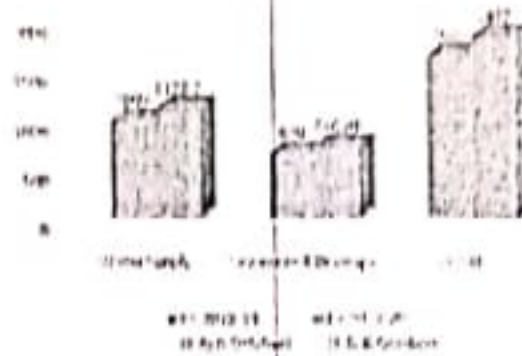
Non Development Receipts	FY:2018-19 (July & October)	FY:2019-20 (July & October)	%age Increase
Water Supply	1005	1123.2	12
Sewerage & Drainage	670	748.80	12
TOTAL	1675	1872	12

Non Development Expenditure	FY:2018-19 (July & October)	FY:2019-20 (July & October)	%age Increase
Payroll and Payroll Burden	1,385	1,431	3
Repair and Maintenance	263	234	-11
Power and Energy	1,154	1,633	42
POL	100	115	15
TOTAL	2,902	3,414	18

SURPLUS / DEFICIT	(1,226.65)	(1,541.75)
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Note:- LESCO fixed the flat tariff for WASA, Lahore @ Rs.18.10 per unit w.e.f July 2018

**Comparison of Receipts
(Rs. In Millions)**



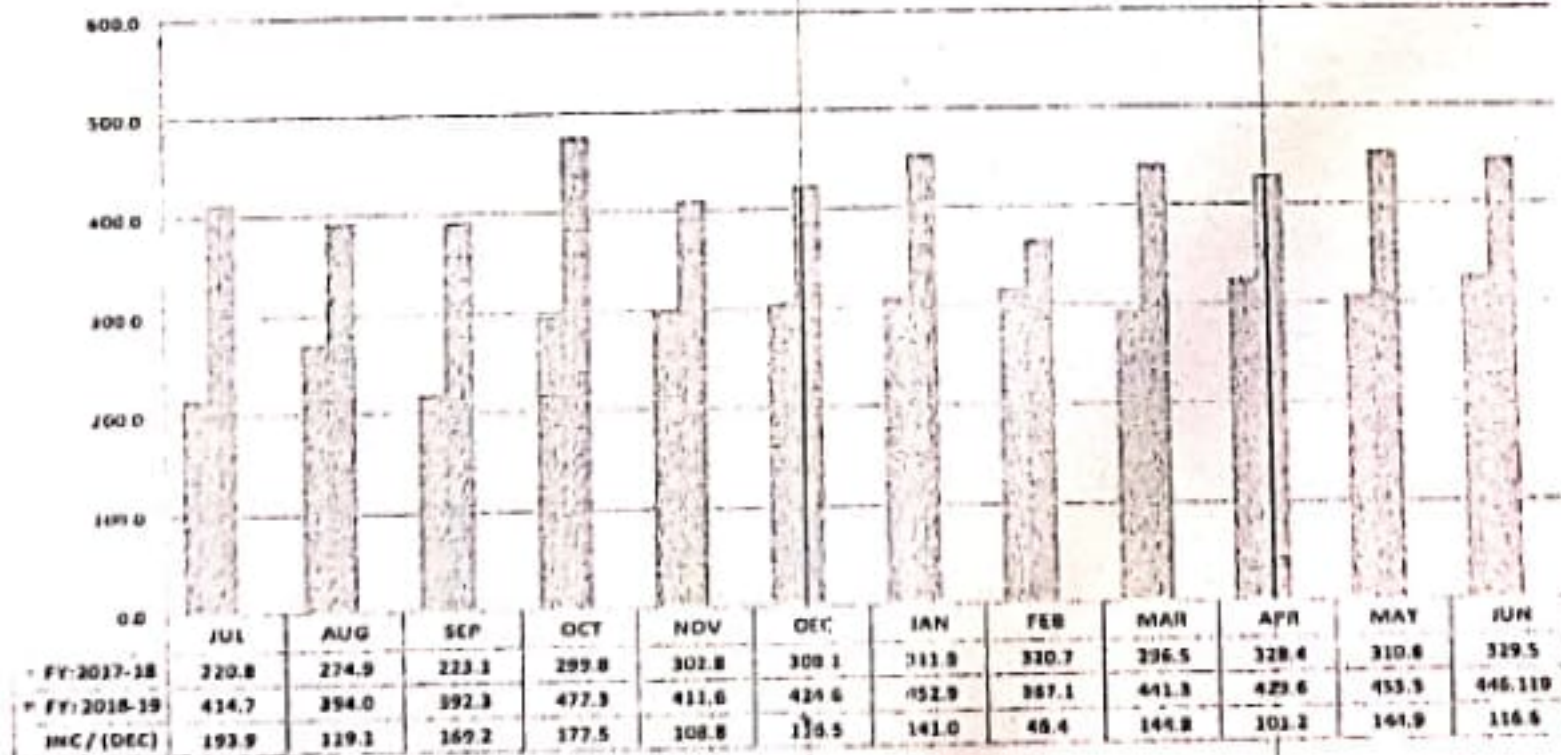
**Comparison of Non Development Expenditure
(Rs. In Millions)**



Last year subsidy was received during month of August, 2018

**WATER AND SANITATION AGENCY (LDA), LAHORE
MONTH-WISE COLLECTION COMPARISON
FOR THE FY 2017-18 AND FY 2018-19**

(Rs. In Million)



FY: 2017-18
3527.2

FY: 2018-19
5086.0

INCREASE
1558.8

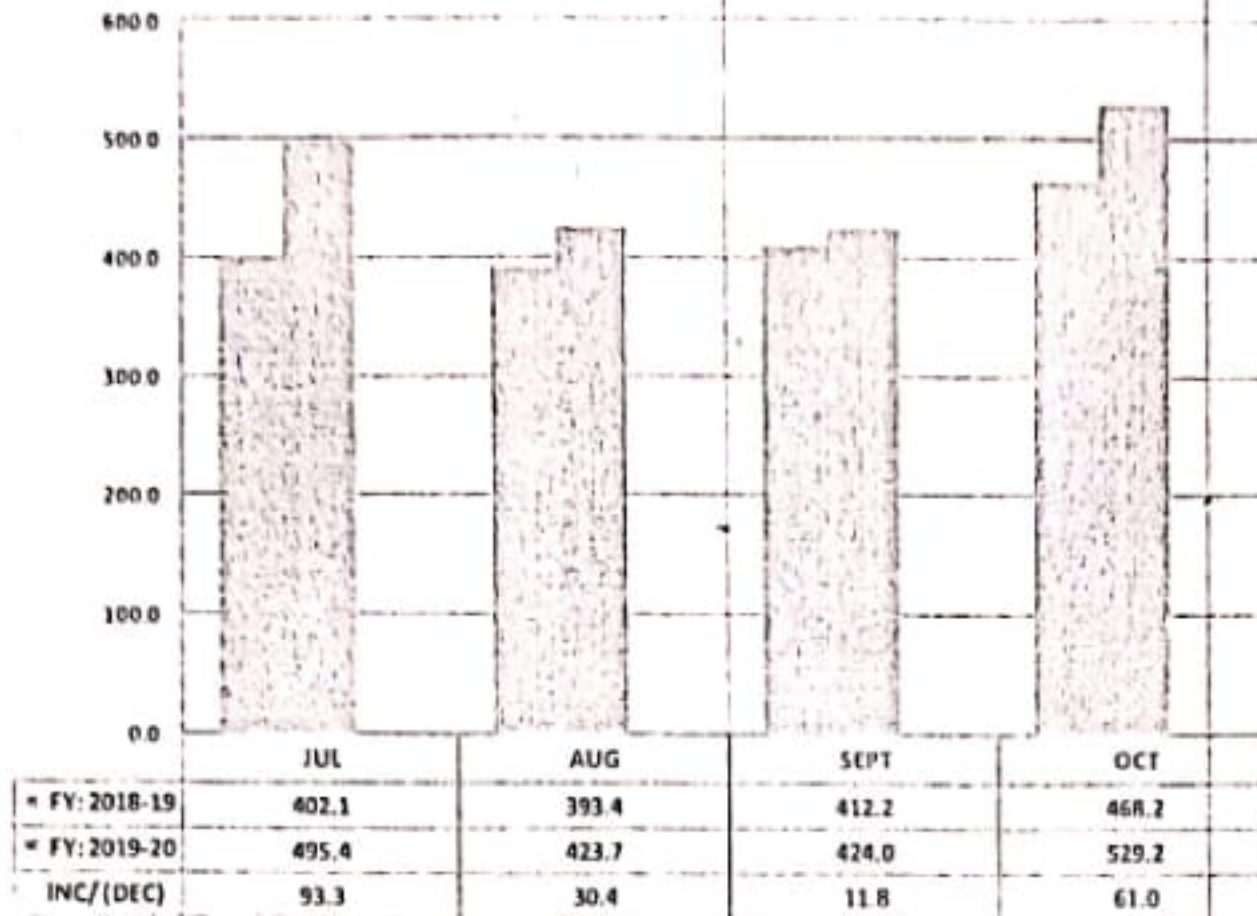
% INCREASE
44.2

1. Introduction of Aquifer Water tariff.
2. Private Housing Societies.
3. Rationalization of commercial tariff and its implementation.
4. Imposition of Tariff of Nursery at WASA Drain & Overhead reservoir (FY:2019-20) →



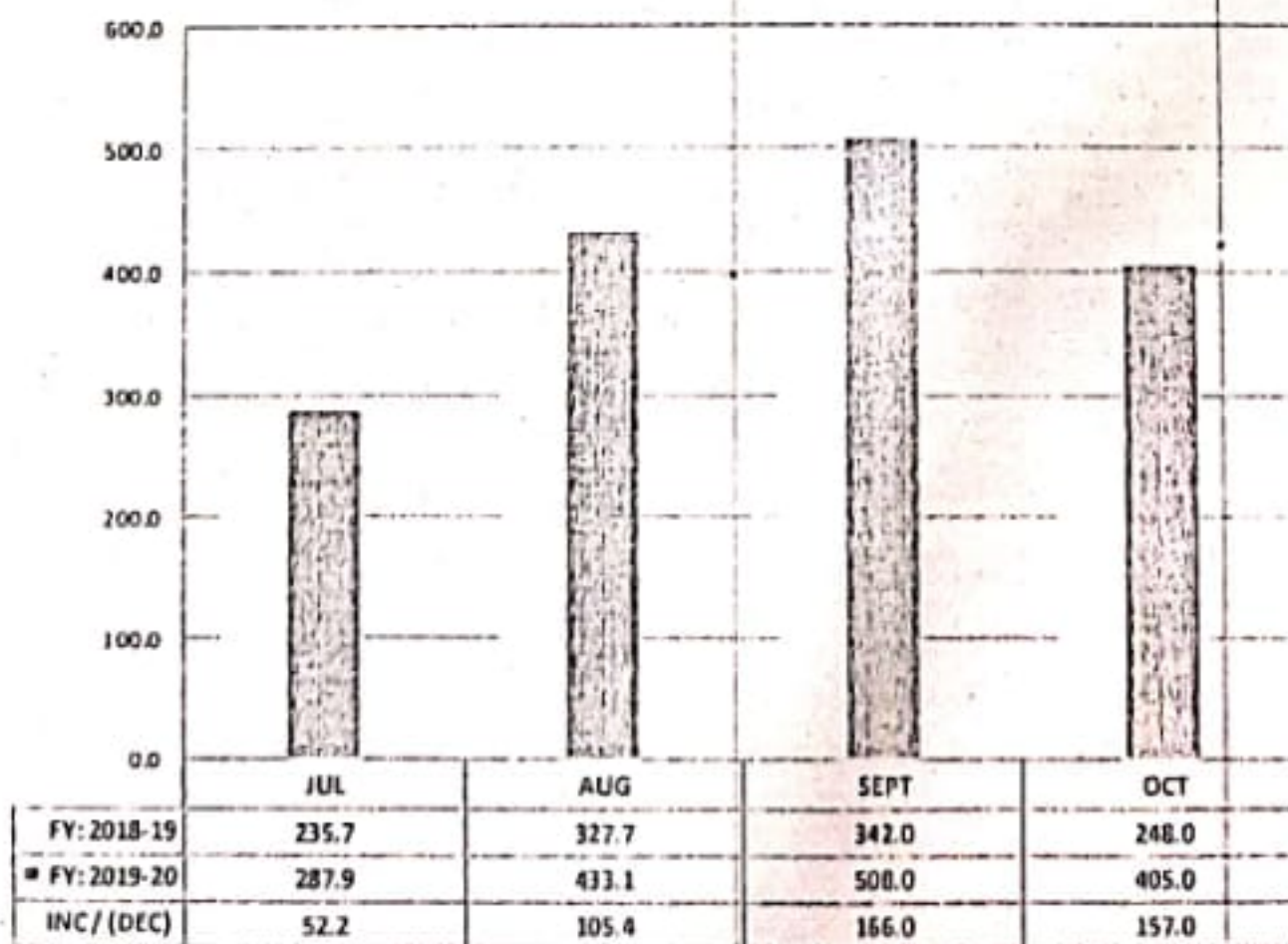
WATER AND SANITATION AGENCY (LDA), LAHORE MONTH WISE COLLECTION COMPARISON FOR THE FY 2018-19 AND FY 2019-20

(Rs. In Million)



WATER AND SANITATION AGENCY (LDA), LAHORE MONTH WISE ELECTRICITY BILL COMPARISON FOR THE FY 2018-19 AND FY 2019-20

(Rs. In Million)



WATER & SEWER RATE OF DIFFERENT HOUSING SOCIETIES OPERATING IN LAHORE.

• DOMESTIC

DESCRIPTION			DHA Water & Sewer Rates (Rs.pm)	Revenue Housing Water & Sewer Rates (Rs.pm)	EME (DHA) Water & Sewer Rates (Rs.pm)	Iqbal Avenue Water & Sewer Rates (Rs. pm)	Air Line Society Water & Sewer Rates (Rs. pm)
Sr. No.	Area Slabs (Marla's)	LWASA Water & Sewer Rates (Rs.pm)					
1	UPTO 3	286.80					
2	3.1 TO 5	375.45		750	941		
3	5.1 TO 7	464.10	938		1125		
4	7.1 TO 10	552.75	1267	1150	1125	1700	1100
5	10.1 TO 15	641.40	2019		1984	1700	1100
6	15.1 TO 20	873.45	2019	1530	1984	2300	1500
7	20.1 TO 40	1105.50	2533	1940	2392		
8	40.1 & ABOVE	1569.60	5333				

DHA is charging Rs.17330/- for properties of 6 Kanals and above.

Revenues, Expenses and Arrears (Option - 3)

Sr. No.	Year ending 30 June	Actual			PROJECTED THREE YEARS BUSINESS PLAN					
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Operating Revenue:		<i>(Rupees in Million)</i>								
I. Revenue From Users:		3,054.2	3,527.4	5,006.0	7,083.4	11,430.9	13,717.1	15,088.8	16,597.6	18,257.4
1	Water Charges + Connection Fee	1,800.0	1,961.2	3,002.4	4,653.8	6,748.0	8,007.6	8,907.3	9,798.1	10,777.9
2	Sewerage Charges + Connection Fee	1,254.2	1,566.2	2,003.6	3,229.6	4,602.9	5,619.5	6,181.4	6,799.6	7,479.5
3	Improvement in revenue efficiency / Resources	-	-	-	81.0	95.6	100.3	106.3	110.6	116.1
4	Miscellaneous Income	158.4	208.5	227.5	272.1	291.4	311.5	333.3	356.7	381.6
5	Sub-Total (1..4):	3,212.5	3,735.9	5,313.5	8,246.5	11,817.6	14,128.9	16,527.4	17,064.9	18,755.2
II. External Assistance:										
6	UIP Tax Share in lieu of drainage	1,333.6	1,837.7	1,681.3	1,900.0	2,090.0	2,299.0	2,628.9	2,781.8	3,060.0
7	Monsoon Preparations	426.7	-	426.7	426.7	426.0	426.0	426.0	426.0	426.0
8	Punjab Cities Gov. Imp. Prog.(PCGIP)	187.6	515.8	220.3	-	-	-	-	-	-
9	Sub-Total (6..8):	1,947.9	2,353.5	2,328.3	2,326.7	2,516.0	2,724.0	2,954.9	3,207.8	3,486.0
10	Total Operating Revenue (5+9)	5,159.4	6,089.4	7,641.8	10,572.2	14,332.6	16,852.9	18,481.3	20,271.7	22,240.1
Operating Expenses:										
11	Electricity and Power	3,026.3	3,380.3	3,720.6	5,310.6	6,841.6	8,425.7	7,068.3	7,775.1	8,552.6
12	Salaries and Benefits	2,768.2	3,329.0	4,200.1	5,483.5	8,141.5	6,878.5	7,703.0	8,628.4	9,663.8
13	Repair and Maintenance	1,463.8	1,633.0	1,502.8	1,989.9	2,188.9	2,407.0	2,648.6	2,913.4	3,204.8
14	Other Expenses	204.8	173.0	416.4	748.4	783.7	822.8	864.1	907.3	952.6
15	Total Operating Expenses (11..14)	7,452.2	8,415.4	9,839.9	13,530.3	14,955.7	16,534.9	10,284.0	20,224.2	22,373.8
16	Operating Profit (Loss)	(2,292.8)	(2,326.0)	(2,199.1)	(2,958.2)	(623.1)	310.0	196.5	47.5	(133.7)
17	Contribution by Government	2,196.0	2,196.0	2,192.7	2,200.0	800.0	-	-	-	-
18	Surplus / (Deficit)	(96.8)	(130.0)	(6.4)	(758.2)	176.9	310.0	196.5	47.5	(133.7)
19	Tariff Increase	0%	0%	0%	55%	45%	20%	10%	10%	10%
20	Working Ratio	1.44	1.38	1.29	1.20	1.04	0.98	0.99	1.00	1.01

WAY FORWARD

1. Approval of Business Plan keeping in view the directions passed during the RMC meeting held on 27-09-2019, 21-10-2019 as well as 29-10-2019.
2. Restoration of previously charged electricity tariff to WASA.
3. Till the attainment of sustainability subsidy will be required.

THANK YOU

Organizational structure of office of D.D Environment Lahore

Designation	BPS	Sanction Post	Filled	Vacant
Deputy Director	BPS-18	01	01	--
Assistant Director	BPS-17	02	01	01
Senior Inspector	BPS-16	02	--	01
Assistant	BPS-16	02	01	--
Stenographer	BPS-14	02	01	--
Senior Clerk	BPS-14	03	03	--
Inspector	BPS-13	07	07	--
Junior Clerk	BPS-11	04	04	--
Field Assistant	BPS-06	08	08	--
Driver	BPS-05	01	01	--
<u>Naib Qasid</u>	BPS-01	04	04	--
<u>Chowkidar</u>	BPS-01	--	--	--
Sweeper	BPS-01	--	--	--