添付資料 4.55

2017 年秋期研修「Business Planning」で作成されたアクションプラン

WASA Lahore

Business Plan Format

For FY 2017-18 to FY 2019-20

1. Vision/ Mission (Annex-A)

"To be best service provider in the field of water,sewarge and drainage to the citizens of Lahore.

"Provision,maintenace efficient manner while providing highest value to the customers,maintaning welfare of employees and ensure financial viability of WASA.

2. Basic Information: (Annex- B).

4. SWOT Analysis: (Annex-C).

5. GAP Analysis & Target Setting of Key Performance Indicators (KPIs) (Annex-D)

6. Performance/ Services Improvement Plan (Short Term, Medium Term and Long Term) (Annex-E)

7. Communication Plan (Annex-F)

8. Training Plan (Annex-G)

9. Financial Improvement Plan (Annex-H)

` *WASA Lahore*
Business Plan
For FY 2017-18 to FY 2019-20

Annex A - Vision & Mission Statements (Proposed)

Vision Statement

"Safe drinking water and Sanitation facilities for all, at door step, at all times, in Lahore"

Mission Statement

To provide every citizen with sanitation facilities and with adequate safe water of quality standards for domestic basic needs on a sustainable basis and conveniently accessible at all times and in all situations.

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex B-Key Information (15th Feb 2017).

Sr #	Description	Unit	Value	Remarks
1	Total Population in Area	No.	6,310,000	
2	Population with Water Service	No.	5,679,000	
3	Population with Sewerage Service	No.	5,704,240	
4	Total Water Production	Gallons/day	442,000,000	2012.89liters/day
5	Total Water Sold	Gallons/Year	161,330,000,000	
6	Metered (Functioning) Water Sold	Gallons/Year	8,066,500,000	
7	Free Water	Gallons/Year	9,679,800,000	
8	Total number of Water connections	No.	651,867	
9	Number of Metered Connections	No.	67,535.00	
10	Number of Functioning Metered Connections	No.	31,034	
11	Total number of Sewerage connections	No.	654,063	
12	Length of Water Pipelines	KM	5890Km	
13	Length of Sewerage Pipelines	KM	4,334 Km	
14	Number of Water pipeline breakages	No./Year	0.096breaks/km/year	
15	Number of Sewerage line breakages	No./Year	-	
16	Number of Sewerage line Blockages	No./Year	16.6 blocks/km/year	
17	Number of Water pipeline leakages	No./Year	1.304leaks/km/year	
18	Total Operating Cost (O+R&M+HR+Fin)	Rs./Year	7436.819million	
19	Operating Cost (Electricity + Fuel)	Rs./Year	3080.068million	
20	Human Resource Cost	Rs./Year	2554.923million	
21	Repair & Maintenance Cost	Rs./Year	1035.962million	
22	Annual amount of Bill Distribution	Rs./Year	2624million	
23	Amount of Bill Collection (Ex-Arrears)	Rs./Year	2350million	
24	Amount of Arrears Collected	Rs./Year	680million	
25	Total Number of Water Quality Samples	No./Year	9,125	
26	Biological Unfit Samples	No./Year	730	
27	Residual Cholorine Unfit Samples	No./Year	648	
28	Total Number of Complaints	No./Year	81,664	
29	Number of Water Complaints	No./Year	8,409	
30	Number of Sewerage Complaints	No./Year	73,255	

WASA Lahore WASA LAHORE

Business Plan

For FY 2017-18 to FY 2019-20

Advanced SWOT Analysis

Internal Factors	**Strengths (S)**		**Weaknesses (W)**	
	S1:	**Large No. of Tubewells/larger area**	**W1**	**Union Influence**
	S2:	**GIS Mapping**	**W2**	**Manual System**
	S3:	**Foreign Funding**	**W3**	**No Buisness plan**
	S4:	**Well Technical Staff**	**W4**	**Human Resource Department**
	S5:	**Billing**	**W5**	**More Customer Complaints**
	S6:	**In-time Repair and Maintenance**	**W6**	**Low Revenue/Tarrif**
	S7:	**Proper Complaint Cell**	**W7**	**Corruption and Power Wastage**
			W8	**Awarness in people**
External Factors	**Opportunities (O)**		**Threats (T)**	
	O1:	**Training of Technical Staff**	**T1:**	**No Waste & Surface Water Plant**
	O2:	**Sale out the Broken Machinary**	**T2:**	**Political Influences**
	O3:	**Install Filteration Plants**	**T3:**	**High Depletion Curve**
	O4:	**Water Municipal Act 2014**	**T4:**	**Arsenic In Water**
	O5:	**Punjab Drinking Water Policy**	**T5:**	**No Ground Water Recharging**
	O6:	**Master Planning**	**T6:**	**High Subsity by Government**
	O7:	**Metering**	**T7:**	**Mis-use of Power**
	O8:	**Relatively high tarriff**	**T8:**	**Population Growth**

Team of Group

Name	Abdul Moeed / Muhammad Rashid
Designation	Assistant Director WASA Lahore
Name of Organization	WASA Lahore

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex D: GAP Analysis & Target Setting of Key Performance Indicators (KPIs)

Conditional Assessment

WASA	Gaps	Base Line		Target Year 1	
		Poor D	Fair C	Poor D	Fair C
WASA LAHORE	Pumping Efficiency	52%	9%	45%	7%
	Tube Well Condition	19%	60%	15%	50%
	Disposal Condition	64%	21%	50%	15%
	OHR Condition	54 (Not In Use)		14 (Working)	

Costing and Budgeting

WASA	Gaps	Base Line	Target Year 1
WASA LAHORE	Pumping Efficiency (Low + Fair Pumps)	353	300
	Power Factor Penality	21.3	16
	Peak Units Consumptions	32343009	25000000
	MDI Unit Consumptions/Non Revenue	40%	30%

Costing and Budgeting

WASA	Taks	Cost Year 1 (Millions)	Cost Year 2 (Millions)
WASA LAHORE	Pumping Efficiency (Low + Fair Pumps)	87.50	161.00
	Power Factor Penality	3.51	4.68
	Peak Units Consumptions	377.00	377.00

Service Improvement

Target Year 2		Target Year 3	
Poor D	**Fair C**	**Poor D**	**Fair C**
35%	4%	20%	3%
10%	35%	3%	15%
30%	9%	10%	3%
34 (Working)		54 (Working)	

Target Year 2	**Target Year 3**
200	50
10	3
15000000	5000000
20%	10%

Cost Year 3 (Millions)	Total Cost (Millions)
237.00	485.50
2.93	11.12
377.00	1131.00

Assumed Rates	
Pump Replacement:	2500000
Motor Replacement:	2000000
Impeller Adjustment	700000
Impeller Repair & Adjustment	300000
Power Factor Capcitor:	22000
OHR:	13000000

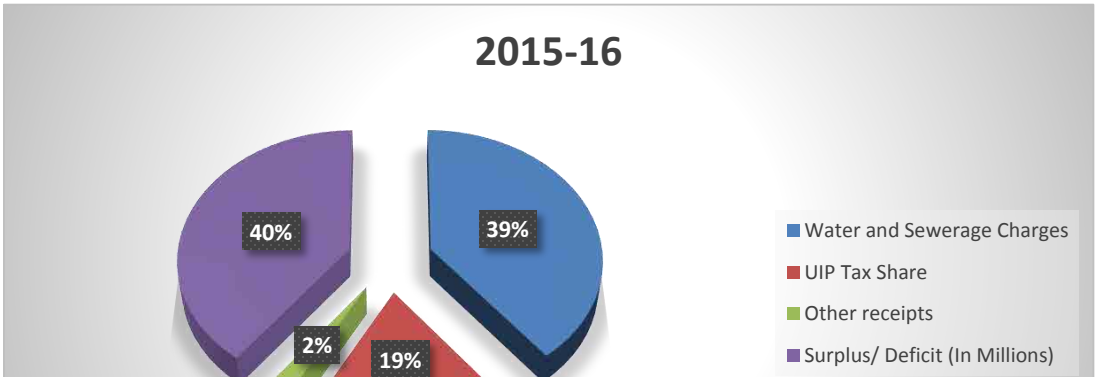
Service	Towns	Base Line			
		C (Length) (m)	D (Length) (m)	F (Length) (m)	Y 1 (Length) (m) (20%)
Water	Aziz Bhatti Town	52058.68	90828.18	190.23	10411.74
	Gulberg Town	189974.95	38620.35	3112.84	37994.99
	Gunj Bakhsh Town	325035.32	180216.09	22.43	65007.06
	Iqbal Town	494231.64	278040.00	2846.07	98846.33
	Nishter Town	169285.32	104291.01	2414.82	33857.06
	Ravi Town	300677.65	200665.01	2636.57	60135.53
	Shalimar Town	150240.72	133931.07	15491.61	30048.14
Seweage	Aziz Bhatti Town	52120.14	75517.25	0.00	10424.03
	Gulberg Town	126380.50	82178.56	12376.50	25276.10
	Gunj Bakhsh Town	380286.75	86144.59	0.00	76057.35
	Iqbal Town	318618.45	308535.18	7785.16	63723.69
	Nishter Town	286502.28	91198.82	2221.18	57300.46
	Ravi Town	321175.27	142983.78	4397.39	64235.05
	Shalimar Town	230878.45	154015.16	10676.58	46175.69

Collection Efficiency (GAP Analysis & Target Setting) & Operational D

Operational Deficit

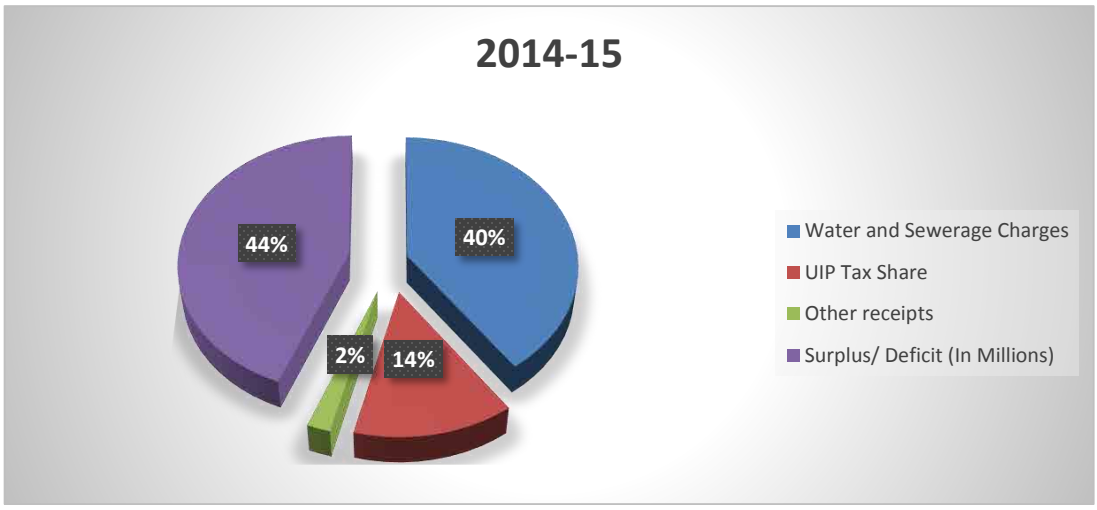
	2014-15	2015-16	2016-17
	Rs. in (million)		
Total Operational Receipts	4,089	4,483	5,279
Total Operational Expenditure	7,305	7,437	9,033
Surplus/ Deficit (In Millions)	**(3,216)**	**(2,954)**	**(3,754)**
Working Ratio	**1.79**	**1.66**	**1.71**

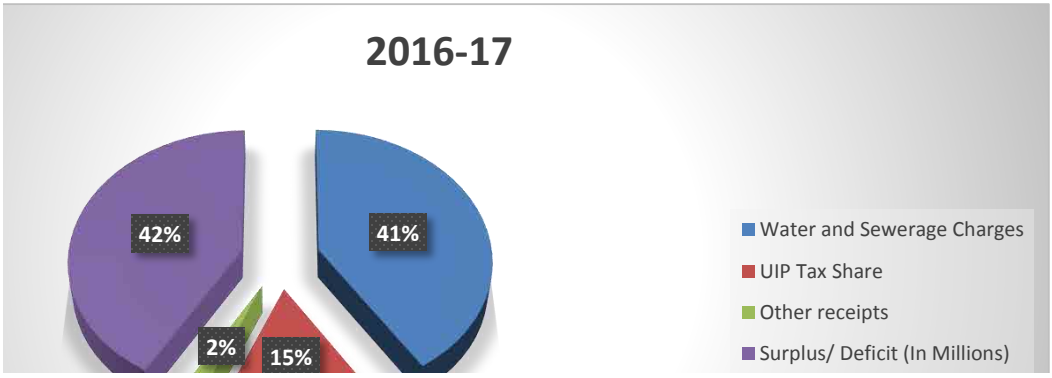
	2014-15	2015-16	2016-17
	Rs. in (million)		
Water and Sewerage Charges	2,925	2,928	3,689
UIP Tax Share	1,014	1,381	1,400
Other receipts	150	175	191
Surplus/ Deficit (In Millions)	**3,216**	**2,954**	**3,754**



Targets C		Targets D			Targets F		
Y 2 (Length) (m) (50%)	Y 3 (Length) (m) (80%)	Y 1 (Length) (m) (20%)	Y 2 (Length) (m) (50%)	Y 3 (Length) (m) (80%)	Y 1 (Length) (m) (20%)	Y 2 (Length) (m) (50%)	Y 3 (Length) (m) (80%)
26029.34	41646.94	18165.64	45414.09	72662.55	38.05	95.11	152.18
94987.48	151979.96	7724.07	19310.18	30896.28	622.57	1556.42	2490.27
162517.66	260028.26	36043.22	90108.04	144172.87	4.49	11.22	17.94
247115.82	395385.31	55608.00	139020.00	222432.00	569.21	1423.03	2276.86
84642.66	135428.26	20858.20	52145.50	83432.81	482.96	1207.41	1931.86
150338.82	240542.12	40133.00	100332.50	160532.01	527.31	1318.29	2109.26
75120.36	120192.57	26786.21	66965.54	107144.86	3098.32	7745.80	12393.29
26060.07	41696.11	15103.45	37758.62	60413.80	0.00	0.00	0.00
63190.25	101104.40	16435.71	41089.28	65742.85	2475.30	6188.25	9901.20
190143.37	304229.40	17228.92	43072.30	68915.67	0.00	0.00	0.00
159309.22	254894.76	61707.04	154267.59	246828.14	1557.03	3892.58	6228.13
143251.14	229201.83	18239.76	45599.41	72959.06	444.24	1110.59	1776.95
160587.64	256940.22	28596.76	71491.89	114387.02	879.48	2198.70	3517.91
115439.23	184702.76	30803.03	77007.58	123212.12	2135.32	5338.29	8541.26

eficit





Reason for GAP:		Priority			
Sr. No.	Reason for Operation Deficit	Critical	High	Medium	Low
1	Low Tarriff	•			
2	High NRW / No Metering	•			
3	Breakage / Leakage		•		
4	Illegal Connections			•	
5	Energy (Electrical) Losses		•		
6	Low rate of recovery	•			
7	Political & Union Interference		•		
8	Corruption			•	
9	Out-dated Macinary			•	
10	Over-staffing and high payrolls			•	
11	Lack of Legal Backing		•		

Collection Efficiency

(a). Physical Efficiency:

Data:

Chart:

Total No. of Bills Issued	4,065,827
Total No. of Bills Collected	2,593,411
(Shortfall)	1,472,416
Collection Efficiency (%)	64%

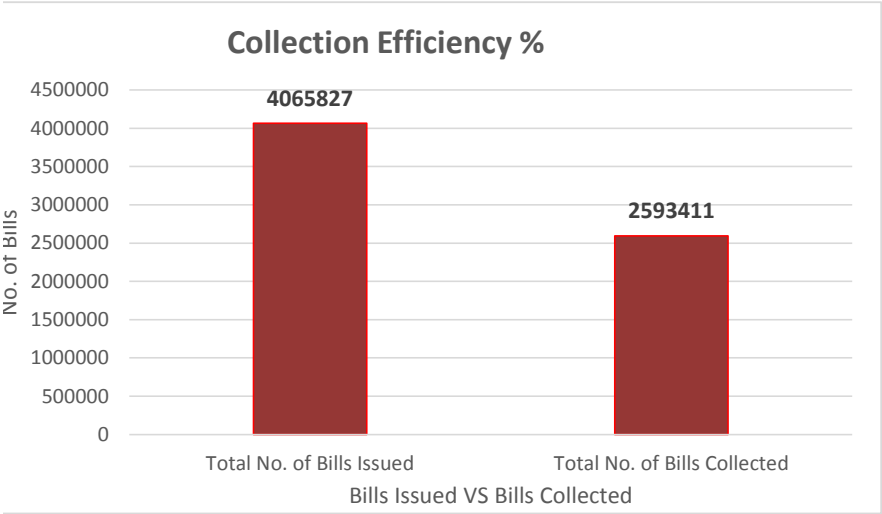
(b). Financial Efficiency:

	Water			
	Domestic	Commerical	Industrial	Domestic
Amount of Bills Issued (Rs. in million)	37,787,994	11,369,000	82,020,028	44,546,300
Amount of Bills Collected (Rs. in million)	29,207,088	5,454,354	63,259,950	16,004,940
Shotfall / Deficit (Rs. In Million)	8,580,906	5,914,646	18,760,078	28,541,360
Collection Efficiency	77%	48%	77%	36%

Collection Efficiency Charts

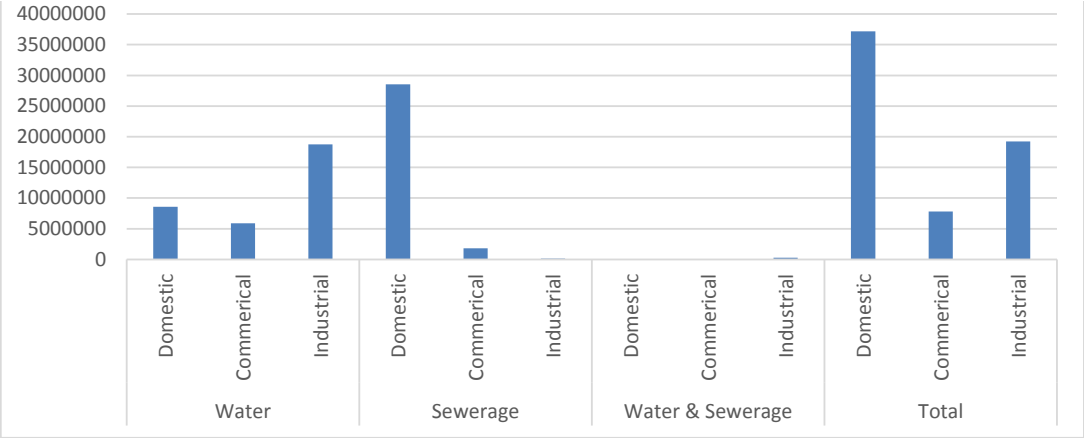
Shotfall / Deficit (Rs. In Million)

Target Setting:			Target		
Indicator	Unit	Current Status	2017-18	2018-19	2019-20
Operational Deficit	% of Operational Expenditures	42%	35%	25%	10%
Working Ratio	Ratio	1.71	1.2	0.9	0.6

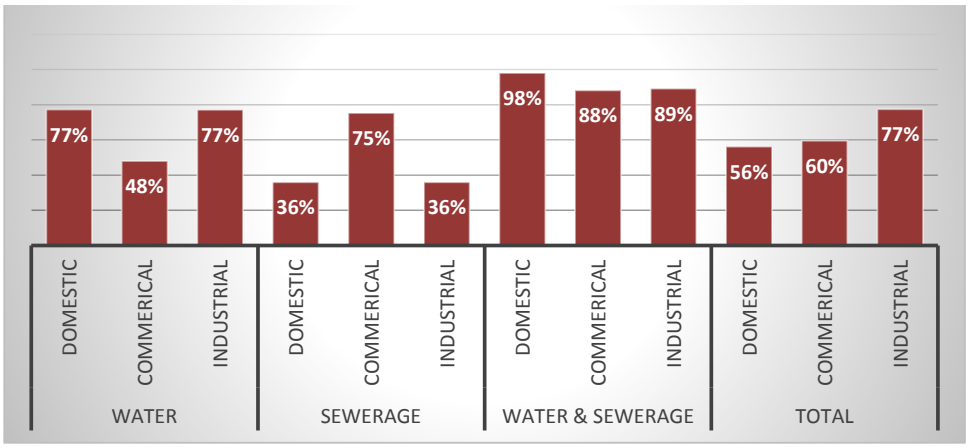


Sewerage		Water & Sewerage			Total		
Commerical	Industrial	Domestic	Commerical	Industrial	Domestic	Commerical	Industrial
7,433,577	251,187	2,519,172	478,243	2,759,981	84,853,466	19,280,820	85,031,196
5,597,340	90,360	2,468,733	421,633	2,460,600	47,680,761	11,473,327	65,810,910
1,836,237	160,827	50,440	56,610	299,381	37,172,706	7,807,493	19,220,286
75%	36%	98%	88%	89%	56%	60%	77%

Collection Efficiency



Reasons:		Priority			
Sr. No.	**Reason for Discrepancy**	**Critical**	**High**	**Medium**	**Low**
1	Improper Distribution of bills		•		
2	No Heavy fine		•		
3	No Awarness in people		•		
4	Political Interference			•	
5	No Implementation of legal rules	•			
6	Corruption			•	



Target Setting:				Target		
Indicator		**Unit**	**Current Status**	**2017-18**	**2018-19**	**2019-20**
Collection Efficiency (Physical)	Overall	**%**	64%	70%	80%	95%
Collection Efficiency (Financial)	Domestic	**%**	56%	65%	80%	98%
	Commercial	**%**	60%	68%	80%	95%
	Industrial	**%**	77%	85%	95%	100%

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex E-Performance Improvement Plan.

		Short Tem (2017-18) 1 Year		
Sr. #	**Areas of Improvement**	**Action Plan**	**Location**	**Budget**
1	Sustainable Ground Water Strata / Auquifer	Surface Water Treatment Plants (100 Cusecs)	U/S of Ravi Syphon at BRBD Canal	10000 M
		Waste Water Treatment Plants	Mehmood Booti, Shadbagh, Babu Sabu & Shahdara	15000 M
		Formation of Pits & Shafts	River Ravi	50 M
		Rain Water Harvesting	Lahore	100 M
		Construction of Dykes	River Ravi	300 M
2	Non-Revenue Water	Installation of Water Meters	Lahore	570 M
		Replacement of Poor Conditioned (leaking) Water Supply Pipes		2000 M
3	Energy (Electricity) Conservation	OHR Rehablitation & Construction	Lahore	500 M
		Adjusting & Repairing Impeller		100 M
		Replacing Motors & Pumps		100 M
		Replacing Capacitors		8.12 M

		Medium Term (2018-21) 3 Years		
Responsible staff/ Supervision	**Timeline**	**Action Plan**	**Location**	**Budget**
DMD (Engg) & Consultants	1 Year	Surface Water Treatment Plants (100 Cusecs)	U/S of Ravi Syphon at BRBD Canal	15000 M
		Surface Water Treatment Plants (250 Cusecs)		
Director (Construction) & D (Hydrology)		Waste Water Treatment Plants	Mehmood Booti, Shadbagh, Shahdara, Babu Sabu	25000 M
		Rain Water Harvesting	Lahore	100 M
		Construction of Dykes	River Ravi	200 M
Director (Admin)	1 Year	Installation of Water Meters	Lahore	1710 M
Director (Construction)		Replacement of Poor Conditioned (leaking) Water Supply Pipes		3000 M
Director (Construction)	1 Year	OHR Rehablitation & Construction	Lahore	631 M
Director (O & M)		Adjusting & Repairing Impeller		100 M
		Replacing Motors & Pumps		185 M
		Replacing Capacitors		3 M

Responsible staff/ Supervision	Timeline
DMD (Engg) & Consultants	2 Year
	3 Years
Director (Construction) & D (Hydrology)	3 Years
Director (Admin)	3 Years
Director (Construction)	2.5 Years
Director (Construction)	3 Years
Director (O & M)	2 Years
	3 Years
	1 Year

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex F - Communication and Customer Service Improvement Plan

Sr. No.	Issues	Strategy
1	Communication Gap (External)	Complaint Cell, Opinion Leaders, Information Cell, Reception
2	Communication Gap (Internal)	Get-Togethers, Meetings, Annual Dinners, Information Cell, WEWA
3	Lack of Public Awarness	Door to Door Compaign, Workshops, Saminars, School & Universities Saminars, Events, Advertisment, Public Awarness messages, via Facebook & Twitter, TV, Radio
4	Customer Complaints & Feedback	Helpline, E-Complaints, Automated Calls or SMS for Feedback
5	Receipt of Bills	Internet Banking, UBL Omni, via ATM, Easy Paisa, Mobile Banking Apps

Responsibility	Start Date	End Date	KPIs
Director (Admin) & Social Mobilizers	1-Aug-18	31-Dec-18	Customer Satisfaction, No of Complaints, Collection Efficiency
Director (Admin)	1-Feb-18	_	Staff Satisfaction
Director (Admin) & Social Mobilizers	1-Aug-18	31-Dec-18	Collection Efficiency / No of Customers
Director (Admin)	1-Dec-17	_	Collection Efficiency / Customer Satisfaction
Director (Admin)	1-Dec-17	_	Collection Efficiency / Customer Satisfaction

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex G - Training Plan

Date and Time	Course Title	Level	Aims	Objectives	Training Methods
15 July 2017 to 22 July 2017	PC-1 - PC-5	Medium	Better Project Deliverables	Identification of outcomes of Project	Lectures / Manuals
1 August 2017 to 5 August 2017	Public Procurment Policies / PPRA Rules	Advance	Tender Improvement	Accountibility and Transprancy	Lectures / Manuals
12 August 2017 to 22 August 2017	Key Performance Indicators (KPIs)	Advance	Setting Targets	Monitoring and Evaluation	Lectures / Manuals
2-September 2017 to 15-October 2017	Wastewater & Surface water Treatment Plants	Medium	Quality Water	Sustainable Underground Water Strata	Lectures / Manuals & Site Visits
25-October 2017 to 5-December 2018	Asset Management	Medium	Maintaining list of Inventory	Use of Resources	Lectures / Manuals
12-December 2017 to 17-December 2017	O&M of Electical and Mechanical Equipments	Medium	Reduction in MDI and Power factor	Cost Cotrol	Lectures / Manuals & Site Visits
1-January 2018 to 8-January 2018	Microsoft Project / Primavera	Basic	Project Planning	Timely Completion of Project	Lectures / Manuals & Software Workshop
15-January 2018 to 22-January 2018	Introduction to PEEDA Act 2006	Basic	Responsibilty to Organization	Responsibilites and Liabilities	Lectures / Manuals
28-January 2018 to 8-February 2018	Contract Management	Medium	Better Tendering Documents	Viable Deliverables	Lectures / Manuals
15-February 2018 to 15-March 2018	Methods for Monitoring and Evaluation	Medium	Setting Indicators	Monitoring and Evaluation	Lectures / Manuals
22-March 2018 to 7-April 2018	Human Resource Management	Medium	Proper Datbase	Technical and Skilled Staff	Lectures / Manuals
15-April 2018 to 25-April 2018	Communication and Presentation Skills	Advance	Better Discription of Project	Clear Picture of Deliverables	Lectures & Presentations
8-May 2018 to 25-May 2018	Creative Thinking and Decision making	Medium	Better Progress Rate	Best use of Assets and Staff	Lectures / Manuals
2-June 2018 to 12-June 2018	Time and Stress Management	Medium	Service Improvement	Increase Efficeiency	Lectures / Manuals

Location	Materials	Assessment
PPMI Islamabad	Powerpoint Slides & Case Study	Assignemnts
PPMI Islamabad	Powerpoint Slides	Tender Document Review
PPMI Islamabad	Powerpoint Slides & Case Study	Assignemnts
Japan	Powerpoint Slides	Assignemnts
AL-Jazari Acadmy, Lahore.	Powerpoint Slides & Case Study	Assignemnts & Case Review
AL-Jazari Acadmy, Lahore.	Powerpoint Slides & Case Study	Assignemnts & Case Review
UET Lahore	Powerpoint Slides & Case Study	Assignemnts
AL-Jazari Acadmy, Lahore.	Powerpoint Slides	Presentation
PPMI Islamabad	Powerpoint Slides	Presentation
PPMI Islamabad	Powerpoint Slides & Case Study	Assignemnts & Case Review
AL-Jazari Acadmy, Lahore.	Powerpoint Slides	Presentation
AL-Jazari Acadmy, Lahore.	Powerpoint Slides	Presentation
AL-Jazari Acadmy, Lahore.	Powerpoint Slides	Presentation
AL-Jazari Acadmy, Lahore.	Powerpoint Slides	Presentation

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex H - Financial Improvement Plan

Action Plan for Improvement of Outdated Consumer Database

Sr. No.	Issues	Strategy
1	No Proper Consumer Survey	Dedicated Survey (GIS Mapping) By 3rd Party
2	Automation of Data	Separate Cell can be made
3	Multiple Billing Category	Sucrutiny of Database
4	Insufficient Information (address) of existing Consumers	3rd Party Survey & DD (EDP)

Action Plan for Improvement in Bill Distribution and Receipt

Sr. No.	Issues	Strategy
1	Incorrect Database (Address)	Automation of Data
2	No Electronic Mechanism of Distribution & Receipt	Billing Via SMS, Emails and their Receipt via Easy Paisa, UBL Omni, ATM & Internet banking etc
3	Awarness In Public	Events / Advertisment / Door to Door Visits (Compaigns)
4	Motivation Of Staff	Performance Based Bonus / Commission (%)

Responsibility	Start Date	End Date	KPIs
D (Revenue)	1-Dec-17	31-May-18	GIS Mapping
DD(EDP)	1-Jan-18	31-Mar-18	Electronic Datbase
3rd Party Survey & DD (EDP)	1-Jan-18	31-Mar-18	Database / Collection Efficiency
3rd Party Survey & DD (EDP)	2-Feb-18	31-May-18	Collection Efficiency

Responsibility	Start Date	End Date	KPIs
DD(EDP)	1-Jan-18	31-Mar-18	Datbase / Efficiency
DMD (F,A & R) & D (Admin)	1-Aug-18	31-Dec-18	Improved Collection Efficiency
PRO, D(Admin) & D (Revenue)	1-Aug-18	31-Dec-18	Increase Revenue
DMD (F,A & R) & D (Admin)	1-Jan-19	31-Mar-19	Targets Achieved

Action Plan for Improvement in Arrears Recovery and Collection Efficiency

Sr. No.	Issues	Strategy
1	Illegal Connections	Voluntary Disclosure & One Time Settlement
2	+	Strong Policies and Legal Backing
3	Customer Unable to Pay	Installment payments / Waving off fine
4	Customer Not Willing to Pay	Legal Backing & By Imposing Heavy Fines

Action Plan for Additional Sources of Revenue

Sr. No.	Issues	Strategy
1	Advertisment on OHR & Bills	By Contracting any Advertising Company
2	Leased To Telco Companies	By Advertisment / Contracts with Telco Companies
3	Rental Of Land	By Advertisment
4	Water testing lab	By Advertisment & Awarness in Public / Improving Lab Standards
5	Bottling Services	Establishing Filteration Plants / Sale Points

Responsibility	Start Date	End Date	KPIs
D (Revenue)	1-Aug-18	31-Dec-18	No. of Customers
MD & D (Admin)	1-Jan-19	31-Mar-19	Increase in Receipts / Revenue
D (Revenue)	1-Aug-18	31-Dec-18	Improved Collection Efficiency
D (Revenue) & D (Admin)	1-Aug-18	31-Dec-18	No. of Customers & Revenue

Responsibility	Start Date	End Date	KPIs
D (Admin)	1-Jan-18	28-Feb-18	Increase Revenue
D (Admin)	1-Jan-18	28-Feb-18	
D (Admin)	1-Jan-18	6/31/2018	
D (Hydrology)	1-Aug-18	31-Dec-18	
D(Admin) & D(Revenue) & D(Hydrology)	1-Aug-18	31-Dec-18	

WASA Faisalabad Water Bottling Project	
Unit: Rs.	Assumptions/Inputs
Initial Investment	8600000
Productio per day	1500
Working Days per month	22
Unit Price	63
Workers Salary	Rs. 40000 x 10 workers x 2 shifts
Electricity	Rs 3 per Bottle
Membrane Cartridge	44640 for 6 month
Transportation	8.9 per bottle
Empty Bottle per Cost	6.12 per bottle
PVC bottle cap	4.8 per unit
Administration staff salary	50000 x 5 staff

	Aug-15	Aug-16
Initial Investment	8600000	
Workers Salary		9600000
Electricity		1188000
Membrane Cartridge		89280
Transportation		3524400
Empty Bottles		2423520
PVC Cap		1900800
Asmin Staff Salary		3000000
Total Expenditures:	8600000	21726000
Total Price Of Bottles/Year		24948000

Cash Flows	-8600000	3222000

(B)

Initial Investment:	**Rs: 8600000**
Revenue: (Rs)	**124740000**
Expenditure: (Rs)	**108630000**

C.

	Total Expenditures
Initial Investment	8600000
No. of Bottles per year	396000

Rate: 12%

Aug-17	Aug-18	Aug-19	Aug-20
9600000	9600000	9600000	9600000
1188000	1188000	1188000	1188000
89280	89280	89280	89280
3524400	3524400	3524400	3524400
2423520	2423520	2423520	2423520
1900800	1900800	1900800	1900800
3000000	3000000	3000000	3000000
21726000	21726000	21726000	21726000
24948000	24948000	24948000	24948000
3222000	3222000	3222000	3222000

NPV:	**3014589**
IRR:	**25.37%**
BCR:	**1.35**

WASA Faisalabad Water Bottling Project	
Unit: Rs.	Assumptions/Inputs
Initial Investment	8600000
Productio per day	1500
Working Days per month	22
Unit Price	63
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Administration staff salary	50000 x 5 staff

	Total Expenditures
Initial Investment	8600000
No. of Bottles per year	396000
Rate:	12%

	Aug-15	Aug-16	Aug-17	Aug-18
Initial Investment	8600000			
Workers Salary		9600000	9600000	9600000
Electricity		1188000	1188000	1188000
Membrane Cartridge		89280	89280	89280
Transportation		3524400	3524400	3524400
Empty Bottles		2423520	2423520	2423520
PVC Cap		1900800	1900800	1900800
Asmin Staff Salary		3000000	3000000	3000000
Total Expenditures:	8600000	21726000	21726000	21726000
Total Price Of Bottles/Year		24948000	24948000	24948000
Cash Flows	-8600000	3222000	3222000	3222000

(A)
(1).Unit Price for each bottle should be in multiple decrease a little bit.
(2). PVC Bottle Cap Unit Rate can be reduced by taking these Caps in bulk. Its value can be reduced upto 25%.
(3).Assumption should include some risk of variations in market rates.
(4). Morover, empty bottle rate is also high.

(B)

Initial Investment:	**Rs: 8600000**
Revenue: (Rs)	**124740000**
Expenditure: (Rs)	**108630000**

C.

NPV:	**3014589**
IRR:	**25.37%**
BCR:	**1.35**

Aug-19	Aug-20
9600000	9600000
1188000	1188000
89280	89280
3524400	3524400
2423520	2423520
1900800	1900800
3000000	3000000
21726000	21726000
24948000	24948000

3222000	3222000

IN THE NAME OF ALLAH THE MOST BENEFICIENT AND MOST MERCIFULNESS

PRESENTATION

- HAFIZ MUHAMMAD SHAHID JAMEEL
- HAFIZ RASHID RAFIQUE

Vision

"To be providing best service in the field of water,sewarge and drainage to the people of Lahore.

▶Mission

- "Provision,maintenace effective way, while surving to the customers, maintaining welfare of employees and ensure financial viability of WASA

SWOT ANALYSIS

▶TWO FACTORS

1. INTERNAL FACTORS
2. EXTERNAL FACTORS

INTERNAL FACTORS

- TWO INTERNAL FACTORS
- STRENGTH
- WEAKNESS

EXTERNAL FACTORS

- TWO EXTERNAL FACTORS
- OPPORTUNITIES
- THREATS

STRENGTHS

WATER TESTING LAB,
AVAILABILITY OF FUNDS,
FILTERATION PLANTS
EFFICIENT MACHINERY
TECHNICAL STAFF
LARGE NUMBER OF CONNECTIONS
MONOPOLY
WASA TUBE WELLS

WEAKNESSES

LACK OF CUSTOMER FEED BACK
LACK OF PROPER TRAINING
HEAVY DEFAULTERS
POOR CONDITION PIPE LINES
POLITICAL INFLUENCES,
LACK OF MOTIVATED STAFF EMPLOYESS
POOR RECOVERY,

OPPORTUNITIES

CAPATURE NEW AREAS
NEW WAYS OF WATER SUPPLY
USING NEW TECHNOLOGY
OUTSOURCING NEW PROFESSIONALS
AWARENESS OF PUBLIC
CONSUMER BASED SURVEY BY WORLD BANK

THREATS

HEALTH PROBLEMS WHERE OUTDATED INFRASTRUCTURE
LOW WATER LEVEL
LOW PRODUCTION
POPULATION GROWTH
PRIVATE AGENCIES
POLITICAL PRESSURE
CONSUMER INSTALLATING HIS OWN INJECTOR PUMP

THANKS

- JASHN-E-EID MELADUN NABI MUBARAK HO

WASA Lahore

Business Plan Format

For FY 2017-18 to FY 2019-20

1. Vision/ Mission (Annex-A)

"To be providing best service in the field of water,sewarge and drainage to the people of Lahore.

"Provision,maintenace effective way, while surving to the customers,maintaning welfare of employees and ensure financial viability of WASA.

2. Basic Information: (Annex- B).

4. SWOT Analysis: (Annex-C).

5. GAP Analysis & Target Setting of Key Performance Indicators (KPIs) (Annex-D)

6. Performance/ Services Improvement Plan (Short Term, Medium Term and Long Term) (Annex-E)

7. Communication Plan (Annex-F)

8. Training Plan (Annex-G)

9. Financial Improvement Plan (Annex-H)

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

"To be providing best service in the field of water,sewarge and drainage to the people of Lahore.

Annex A - Vision & Mission Statements

Vision Statement

"To be providing best service in the field of water,sewarge and drainage to the people of Lahore.

Mission Statement

"Provision,maintenace effective way, while surving to the customers,maintaning welfare of employees and ensure financial viability of WASA.2

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex B-Key Information (15th Feb 2017).

Sr #	Description	Unit	Value	Remarks
1	Total Population in Area	No.	6,310,000	
2	Population with Water Service	No.	5,679,000	
3	Population with Sewerage Service	No.	5,704,240	
4	Total Water Production	Gallons/day	442,000,000	2012.89liters/day
5	Total Water Sold	Gallons/Year	161,330,000,000	
6	Metered (Functioning) Water Sold	Gallons/Year	8,066,500,000	
7	Free Water	Gallons/Year	9,679,800,000	
8	Total number of Water connections	No.	651,867	
9	Number of Metered Connections	No.	67,535.00	
10	Number of Functioning Metered Connections	No.	31,034	
11	Total number of Sewerage connections	No.	654,063	
12	Length of Water Pipelines	KM	5890Km	
13	Length of Sewerage Pipelines	KM	4,334 Km	
14	Number of Water pipeline breakages	No./Year	0.096breaks/km/year	
15	Number of Sewerage line breakages	No./Year	-	
16	Number of Sewerage line Blockages	No./Year	16.6 blocks/km/year	
17	Number of Water pipeline leakages	No./Year	1.304leaks/km/year	
18	Total Operating Cost (O+R&M+HR+Fin)	Rs./Year	7436.819million	
19	Operating Cost (Electricity + Fuel)	Rs./Year	3080.068million	
20	Human Resource Cost	Rs./Year	2554.923million	
21	Repair & Maintenance Cost	Rs./Year	1035.962million	
22	Annual amount of Bill Distribution	Rs./Year	2624million	
23	Amount of Bill Collection (Ex-Arrears)	Rs./Year	2350million	
24	Amount of Arrears Collected	Rs./Year	680millio	
25	Total Number of Water Quality Samples	No./Year	9,125	
26	Biological Unfit Samples	No./Year	730	
27	Residual Cholorine Unfit Samples	No./Year	648	
28	Total Number of Complaints	No./Year	81,664	
29	Number of Water Complaints	No./Year	8,409	
30	Number of Sewerage Complaints	No./Year	73,255	

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex C - SWOT Analysis

Internal Factors	
Strengths (S)	**Weaknesses (W)**
WATER TESTING LAB, AVAILABILITY OF FUNDS, FILTERATION PLANTS EFFICIENT MACHINERY TECHNICAL STAFF LARGE NUMBER OF CONNECTIONS MONOPOLY WASA TUBE WELLS	LACK OF CUSTOMER FEED BACK LACK OF PROPER TRAINING HEAVY DEFAULTERS POOR CONDITION PIPE LINES POLITICAL INFLUENCES, LACK OF MOTIVATED STAFF EMPLOYESS POOR RECOVERY,
EXTERNAL FACTORS	
Opportunities (O)	**Threats (T)**
CAPATURE NEW AREAS NEW WAYS OF WATER SUPPLY USING NEW TECHNOLOGY OUTSOURCING NEW PROFESSIONALS AWARENESS OF PUBLIC CONSUMER BASED SURVEY BY WORLD BANK	HEALTH PROBLEMS WHERE OUTDATED INFRASTRUCTURE LOW WATER LEVEL LOW PRODUCTION POPULATION GROWTH PRIVATE AGENCIES POLITICAL PRESSURE CONSUMER INSTALLATING HIS OWN INJECTOR PUMP

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex D: GAP Analysis & Target Setting of Key Performance Indicators (KPIs)

Conditional Assessment

WASA	Gaps	Base Line		Target Year 1		Target Year 2		Target Year 3	
		Poor D	Fair C	Poor D	Fair C	Poor D	Fair C	Poor D	Fair C
Lahore	WATER PLANTS EFFICIENCY (NOs)	75	50	25	15	25	15	25	20
	PIPE LINES(Meters)	1000	700	400	300	400	300	200	100
	TUBE WELLS(NOs)	10	8	4	3	4	3	2	2

Costing and Budgeting

WASA	Gaps	Base Line	Target Year 1	Target Year 2	Target Year 3
Lahore	WATER PLANTS EFFICIENCY(PKR M)	2	0.75	0.75	0.5
	PIPE LINES(PKR M)	2.5	1	1	0.5
	TUBE WELLS(PKR M)	5	2	2	1

Operational Receipts

	2014-15	2015-16	2016-17
	Rs. in (million)		
Water and Sewerage Charges	2,925	2,928	3,689
UIP Tax Share	1,014	1,381	1,400
Other receipts	150	175	191
Total Operational Receipts	**4,089**	**4,483**	**5,279**

Operational Expenditure

	2014-15	2015-16	2016-17
	Rs. in (million)		
Power & Energy	2,862	3,080	3,041

Payroll, Pension & Benefits	2,319	2,555	3,113
Repair and Maintenance/O&M	1,046	1,036	1,188
Utilization of PCGIP funds	471	366	725
Petroleum (POL)	410	248	450
Other expenses	198	151	517
Total Operational Expenditure	**7,304.94**	**7,436.82**	**9,033.40**

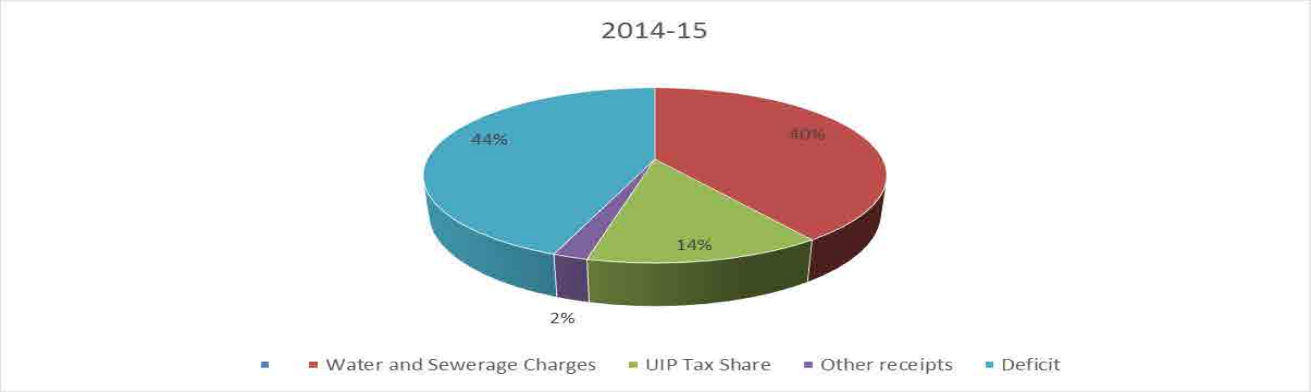
Deficit Analysis

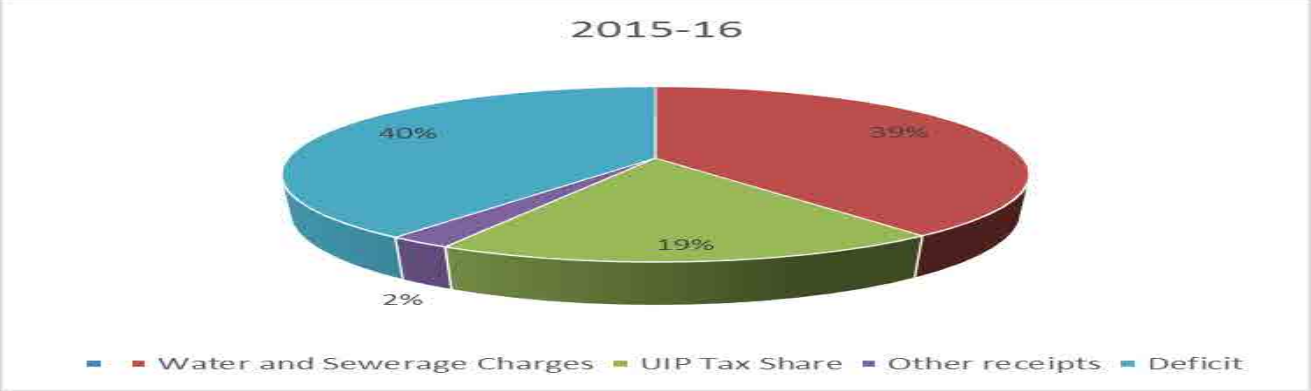
Step 1

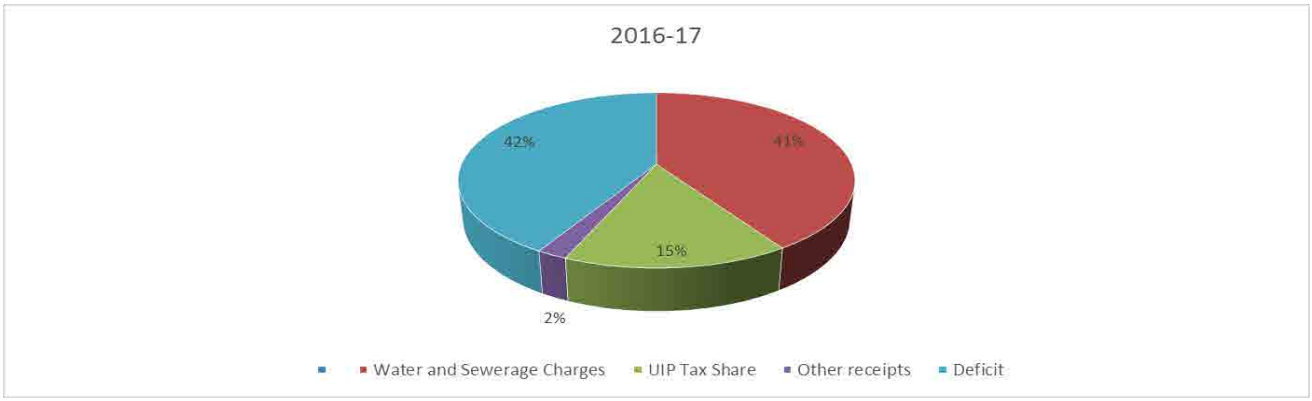
	2014-15	2015-16	2016-17
	Rs. in (million)		
Total Operational Receipts	4,089	4,483	5,279
Total Operational Expenditure	7304.94	7436.82	9033.4
Deficit / Surplus	**(3,215.94)**	**(2,953.82)**	**(3,754.40)**

Step 2

	2014-15	2015-16	2016-17
Water and Sewerage Charges	2,925	2,928	3,689
UIP Tax Share	1,014	1,381	1,400
Other receipts	150	175	191
Deficit	**3,216**	**2,954**	**3,755**







Reasons for GAP

Sr. No.	Reasons For Operational Deficit	Priority			
		Critical	High	Medium	Low
1	High electicity consumption		1		
2	low recovery	1			
3	poor distribution of bills	1			
4	long process of resolving consumer complaints		1		
5	Low water supply		1		
6	Consumer installation of his own injector pump		1		
7	Un-trained field staff		1		
8	Non Revenue water	1			

Target Setting

			Target		
Indicator	Unit	Current Status	2017-18	2018-19	2019-20
Operational deficit	(% of Operational Expenditures)	58%	20	20	18

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex E-Performance Improvement Plan.

		Short Tem (2017-18) 1 Year			
Sr. #	Areas of Improvement	Action Plan	Location	Budget	Responsible staff/ Supervision
1	MORE FILTERATION PLANS	INSTALLATION OF NEW PLANTS	GREEN TOWN AND TOWN SHIP	2 MILLION	SDO
2	GOOD CONDITION PIPE LINES	MONITORING	GREEN TOWN AND TOWN SHIP	0.5 MILLIONS	XEN

	Medium Term (2018-21) 3 Years				
Timeline	Action Plan	Location	Budget	Responsible staff/ Supervision	Timeline
2 MONTHS	INSTALLATION OF NEW PLANTS	NISHTER TOWN	15.5 MILLIONS	SDO	2 YEARS
2 MONTHS	MONITORING	NISHTER TOWN	1 MILLION	XEN	2 YEARS

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex F - Communication and Customer Service Improvement Plan

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	NO PROPER WAY OF COMMUNICATION	SMS , NEWPAPERS	Asst. Director (Info)	1-Jan-18	15-01-18	COMMUNICATION
2	LACK OF AWARENESS	ADVERTISEMENT,	Asst. Director (Info)	16-01-18	30-01-18	AWARENESS
3	Genral Public	Quarterly published News letter	Asst. Director (Info)	1/2/2018	15-02-18	Water saving

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex G - Training Plan

Date and Time	Course Title	Level	Aims	Objectives	Training Methods
01-01-18 TO 06-01-18	HEALTH TIPS	BASIC	1. PROJECT DETAIL AND COMMUNICATION. 2.INCREASE CUSTOMER SATISFACTION	1. Cost Saving 2. Time Saving 3. Revenue Collection 4. Improve emplyees benefits 5. Improve Service Quality	Lectures,, fields visits
01-02-18 TO 28-02-18	Waste water treatment	Basic	Project detail, basic information, Methdology	Understanding the waste water treatment for the basic needs	Fields visit, lectures, Workshops case studies

Location	Materials
Al-Jazari Academy	Handouts / Slides/ LAPTOPS/ GROUP ACTIVITY
Al-Jazari Academy	Rules Book & Stationary

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex H - Financial Improvement Plan

Action Plan for Improvement of Outdated Consumer Database

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	policies	new policies	Management	1/1/2018	30-01-18	
2	public awareness	advertising , sms service	DDR	1/1/2018	15-01-18	
3	Political pressure	management should involve	MD,DMD, DR			
4	Collection efficiency	training and motivation of staff, and incentives	DDR			

Action Plan for Improvement in Bill Distribution and Receipt

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	improper address	up date data base	DDR			
2	non distribution of bills	motivate staff, awareness through sms	DDR			
3						

Action Plan for Improvement in Arrears Recovery and Collection Efficiency

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	political pressure	management should involve				
2	public awareness	compain,advertising				
3						

Action Plan for Additional Sources of Revenue

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Additional business	Build up bottling Plant	Management			
2	Useless Land	Const. of shopping Mall/ Retaurant on useless land	Management			
3	Use of OHR for Advertising	Lease OHR for Advertising	Management			
4	Revenue	Installation of bill boards on building	Management			

WASA Lahore
Business Plan Format
For FY 2017-18 to FY 2019-20

1. Vision/ Mission (Annex-A)

"To be best service provider in the field of water,sewarge and drainage to the citizens of Lahore".

"Preservation of underground water and providing highest value to the customers, maintaning welfare of employees and ensure financial viability of WASA".

2. Basic Information: (Annex- B).

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5. GAP Analysis & Target Setting of Key Performance Indicators (KPIs) (Annex-D)

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7. Communication Plan (Annex-F)

8. Training Plan (Annex-G)

9. Financial Improvement Plan (Annex-H)

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex A - Vision & Mission Statements

Vision Statement

"To be best service provider in the field of water,sewarge and drainage to the citizens of Lahore.

Mission Statement

"Preservation of underground water and providing highest value to the customers, maintaning welfare of employees and ensure financial viability of WASA".

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex B-Key Information (15th Feb 2017).

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7	Free Water	Gallons/Year	9,679,800,000	
8	Total number of Water connections	No.	651,867	
9	Number of Metered Connections	No.	67,535.00	
10	Number of Functioning Metered Connections	No.	31,034	
11	Total number of Sewerage connections	No.	654,063	
12	Length of Water Pipelines	KM	5890Km	
13	Length of Sewerage Pipelines	KM	4,334 Km	
14	Number of Water pipeline breakages	No./Year	0.096breaks/km/year	
15	Number of Sewerage line breakages	No./Year	-	
16	Number of Sewerage line Blockages	No./Year	16.6 blocks/km/year	
17	Number of Water pipeline leakages	No./Year	1.304leaks/km/year	
18	Total Operating Cost (O+R&M+HR+Fin)	Rs./Year	7436.819million	
19	Operating Cost (Electricity + Fuel)	Rs./Year	3080.068million	
20	Human Resource Cost	Rs./Year	2554.923million	
21	Repair & Maintenance Cost	Rs./Year	1035.962million	
22	Annual amount of Bill Distribution	Rs./Year	2624million	
23	Amount of Bill Collection (Ex-Arrears)	Rs./Year	2350million	
24	Amount of Arrears Collected	Rs./Year	680millio	
25	Total Number of Water Quality Samples	No./Year	9,125	
26	Biological Unfit Samples	No./Year	730	
27	Residual Cholorine Unfit Samples	No./Year	648	
28	Total Number of Complaints	No./Year	81,664	
29	Number of Water Complaints	No./Year	8,409	
30	Number of Sewerage Complaints	No./Year	73,255	

[WASA, LDA, LAHORE]
Business Plan
For FY 2017-18 to FY 2019-20

Advanced SWOT Analysis

Internal Factors / External Factors	Strengths (S)	Weaknesses (W)
	S1: Assets. **S2:** HR. **S3:** Better Water Lines System. **S4:** More Than 500 Tubewells. **S5:** Monopoly. **S6:** Computerized Complaint Management Cell (CMC). **S7:** Qualified Staff.	**W1** Political Pressure. **W2** Illegal Connections & NRW. **W3** Less Billing Recovery. **W4** Shortage of Funds. **W5** Poor Sewerage System. **W6** No coordination with Govt. departments. **W7** Deficit Budget.
Opportunities (O) **O1:** Utilization of Rain Water. **O2:** Utilization of Irrigation Water. **O3:** Private Housing Schemes can avail our services. **O4:** Public may aware after some time. **O5:** Donor Agencies may help us. **O6:** May more earnings from U.I.P Tax. **O7:** Govt. may approve revised tariff rates.	**Strengths & Opportunities (SO)** 1- Through S7 and O5 we can give better feedback to our clients. 2- Through S5 and O1 , O2 we can save our underground water. 3- Through S5 and O3 we can increase our revenue.	**Weaknesses & Opportunities (WO)** 1-Through W3 and O4 we can increase the level of recovery and overcome the issue of funds. 2- Through W5 and O4 we can better facilitate to our clients. 3- Through W4 and O7 we can overcome the issue of shortage of funds.
Threats (T) **T1:** Undergroung water level decreasing day by day. **T2:** Increase of Water Demand. **T3:** Subsidy on Electricity Bills can be removed at any ti **T4:** Increase of area. **T5:** Contaminated Underground Water. **T6:** Health Issues. **T7:** Target may not achieved if Govt Stops grants.	**Strengths & Threats (ST)** 1- Through S5 and T2 we can earn revenue. 2- Through S4 and T2 we can earn revenue. 3- Through S3,S4,S5 and T4 we can increase our revenue income.	**Weaknesses & Threats (WT)** 1- Through W7 and T7 we may face many problems to facilitate our clients. 2- Through W4 and T2 we can increase our revenue income. 3- Through W4 and T4 we may face many financial problems.

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex D: GAP Analysis & Target Setting of Key Performance Indicators (KPIs)

Conditional Assessment

WASA	Gaps	Base Line		Target Year 1 (25%)		Target Year 2 (40%)		Target Year 3 (35%)	
		Poor D	Fair C	Poor D	Fair C	Poor D	Fair C	Poor D	Fair C
Lahore	Pumping Pumps Efficiency	278	75	70	19	111	30	97	26
	TubeWells	19	60	5	15	8	24	7	21
	Disposal Stations	21	64	5	16	8	26	7	22
	OHR	100	0	25	0	40	0	35	0

Costing and Budgeting

WASA	Gaps	Base Line	Target Year 1 (25%)	Target Year 2 (40%)	Target Year 3 (35%)
Lahore	Peak Unit Consumption (PKR M)	32343009	8085752	12937204	11320053
	MDI Unit Consumption (PKR M)	40%	10%	16%	14%
	Power Factor Penalty (PKR M)	21.3	5	9	7
	Non-Revenue Water (%)	40%	10%	16%	14%

Costing and Budgeting

WASA	Taks	Cost Year 1	Cost Year 2	Cost Year 3	Total Cost
	Low & Fair Pump's Pumping Efficiency (No's)	89,000,000	141,000,000	124,000,000	354,000,000
	Peak Unit Consumption	8,085,752	12,937,204	11,320,053	-

Lahore	MDI Unit Consumption	10.0%	10.0%	10.0%	-
	Power Factor Penalty	500,000	700,000	800,000	2,000,000
	Non-Revenue Water (%)	500,000	500,000	500,000	1,500,000

Service Improvement

Type	Base Line			Targets C			Targets D			Targets F		
	C (Length) (m)	D (Length) (m)	F (Length) (m)	Y 1 (Length) (m)	Y 2 (Length) (m)	Y 3 (Length) (m)	Y 1 (Length) (m)	Y 2 (Length) (m)	Y 3 (Length) (m)	Y 1 (Length) (m)	Y 2 (Length) (m)	Y 3 (Length) (m)
Water	865,684	305,627	18,967	86,568	259,705	519,410	61,125	106,969	137,532	9,484	4,742	4,742
				10%	30%	60%	20%	35%	45%	50%	25%	25%
Sewerage	25,860	10,928	6,570	7,758	10,344	7,758	3,278.40	3,824.80	3,824.80	3,285	1,642.50	1,642.50
				30%	40%	30%	30%	35%	35%	50%	25%	25%

Collection Efficiency (GAP Analysis & Target Setting)

			Target		
Indicator	Unit	Current Status	2017-18	2018-19	2019-20
Collection Efficiency (Physical)	%	64	70	85	92
Collection Efficiency (Financial)	%	60	65	75	80

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Performance Improvement Plan

		Short Tem (2017-18) 1 Year			
Sr. #	**Areas of Improvement**	**Action Plan**	**Location**	**Budget**	**Responsible staff/ Supervision**
1	24/7 Water Supply System	REHABITIATION OF OHR	Riwaz Garden to Urdu Nagar	3,600,000	X.EN ,SDO,OS
		TUBEWELL REHABILITIATION		3,200,000	X.EN ,SDO,OS
		PIPE(9") REPALCEMENT		1,805,477	X.EN ,SDO,OS
		INSTALLATION OF WATER METER		700,000	DR, XEN & SDO
		SCADA SYSTEM MONITORING		500,000	Director O&M (GBT)
2	Sewerage System	LAY OF S/S IN DIFFERENT STREETS OF RIWAZ GARDEN	Lahore	9,000,000	X.EN ,SDO,OS
3	Waste Water Treatment Plant	CONSTRUCTION OF 01 NO PLANT	Bund Road	150,000,000	MD, DMD (E.), DMD (O&M)

	Medium Term (2018-21) 3 Years				
Timeline	**Action Plan**	**Location**	**Budget**	**Responsible staff/ Supervision**	**Timeline**
2 MONTHS		Riwaz Garden to Urdu Nagar			
2 MONTHS					
1 YEAR	PIPE(12") REPALCEMENT		3,653,238	X.EN ,SDO,OS	TWO YEARS
6 MONTHS	INSTALLATION OF WATER METER		2,100,000	DR, XEN & SDO	TWO YEARS
6 MONTHS	SCADA SYSTEM MONITORING		1,500,000	Director O&M (GBT)	TWO YEARS
1 YEAR	LAY OF S/S IN DIFFERENT STREETS OF RIWAZ GARDEN	Lahore	25,000,000	X.EN ,SDO,OS	TWO YEARS
I YEAR	CONSTRUCTION OF 02 NO's PLANT	Ferozpur Road	300,000,000	MD, DMD (E.), DMD (O&M)	TWO YEARS

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex F - Communication and Customer Service Improvement Plan

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Social Media Interaction	Social Media must be used for awareness and responsibilities	Top Management, PRO, A.D (S.M)	01-12-17	05-12-17	Monitoring of Public Awareness & Feedback
2	Inefficient Printing Media	Message should be efficient	Top Management, PRO, A.D (S.M)	22-12-17	24-12-17	Efficient Message
3	Internal Communication	Training	Officer / Offcials	01-12-17	07-12-17	Achievement of Goals
4	Office Circulars	Training	Top Management	01-12-17	07-12-17	Surety that Everyone get the Message
5	No Seminars and Workshops	Seminars and Workshops should be conducted for both employees and public	Top Management & A.D (S.M)	10-12-17	15-12-17	Public Awareness

WASA Lahore
Business Plan
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Annex G - Training Plan

Date and Time	Course Title	Level	Aims	Objectives
01-12-17 to 07-12-17	Training of bulk water meters	INTERMEDIATE	understanding of water production	increase technical knowledge
09-12-17 to 13-12-17	prepration of final accounts and audit paras	INTERMEDIATE	finalization of accounts and settlement of paras	1.Reliable financal statements 2)decrease in audit paras
15-12-17 to 17-12-17	Improvement in leadership skills and motivational level	ADVANCE	To improve the motivation in staff	Improvement in performance of employ
19-12-17 to 21-12-17	Learining of software related to NRW	ADVANCE	how to calculate NRW	Reduce NRW
22-12-17 to 23-12-17	Understanding of PPRA RULES	ADVANCE	understanding of Rules	Creating awareness regarding rules and regulations
26-12-17 to 31-12-17	arear recovery strategies	ADVANCE	understanding of how to improve arear recovery	reduction in areears,handling of defaulters

Training Methods	Location	Materials	Assessment
field visits,workshops	WASA,Training Center	hand outs,PPt slides	employees feed back through evaluation forms
Group exercises,workshops,lectures		hand outs,PPt slides,manuals	
workshops,lectures,case studies,coaching		hand outs,PPt slides,videos	
workshop,lectures and demonstrations		hand outs,PPt slides,softwares,videos	
lecture,workshop,exercises		hand outs,PPt slides,manuals	
lecture,workshop,exercises		hand outs,PPt slides	

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex H - Financial Improvement Plan

Action Plan for Improvement of Outdated Consumer Database

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Non authentic information about consumer	Trained staff should be order to work in field ,updation of daily basis data,maintenance of softwares,incentives to staff	field inspector,supervisior,AD computer	01-12-17	03-12-17	revenue enhancement,Billing and Arrear improvement
2	Consumer resistance for provision of data	staff attitude should be positive,Geographical information should known,staff trained in public dealing	HR,Social Mobilizaer,AD Revenue,Data entry operator,SDO	05-12-17	07-12-17	Updated and accurate consumer data
3	Inefficient updation of consumer record	centeralized system to monitor Data base	EDP,IT department	10-12-17	12-12-17	Time saving,electronic billing,accurate analysis of consumer report

Action Plan for Improvement in Bill Distribution and Receipt

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Bill delivery is not 100%	outsource as a pilot project	third party	01-12-17	03-12-17	recovery from arrear,increase in no of paying customer

2	Bill distributor and recovery staff are same / non rotation of staff	job rotation of bill distributor	supervisior,AD Revenue	05-12-17	07-12-17	Revenue enhancement,increase in no of paying customer
3	Limited modes of payment	no of banks enhanced,mobil services,online payment	EDP,Finance	10-12-17	12-12-17	customer satisfaction,increase in recepits

Action Plan for Improvement in Arrears Recovery and Collection Efficiency

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Difficulty in disconnection	standardize procedure for installation	SDO	01-12-17	03-12-17	increase recovery,Arrear reduction,increase in disconnection of defaulters
2	Criminal resistance	effective law and enforcement	Tehsil dar ,Megistrate	05-12-17	07-12-17	increase recovery,Arrear reduction
3	Unmotivated field staff	perks and fringe benefits	Top Management	10-12-17	12-12-17	efficiency of collection increase

Action Plan for Additional Sources of Revenue

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Non utilization of land	lease aggrement	FA&R Department	01-12-17	03-12-17	Maintenace of land,revenue enhancement
2	non utilization of OHR	use as advertizing source for different sectors,lease aggrement with telecommunication sector	FA&R Department,engineering wing	05-12-17	07-12-17	revenue enhancement

3	low water quality	water bottles sale should be consider,filteration plant should be installed	engineering wing	10-12-17	12-12-17	revenue enhancement,increase customer trust

BUSINESS PLAN FOR WASA FAISALABAD

PRESENED BY :

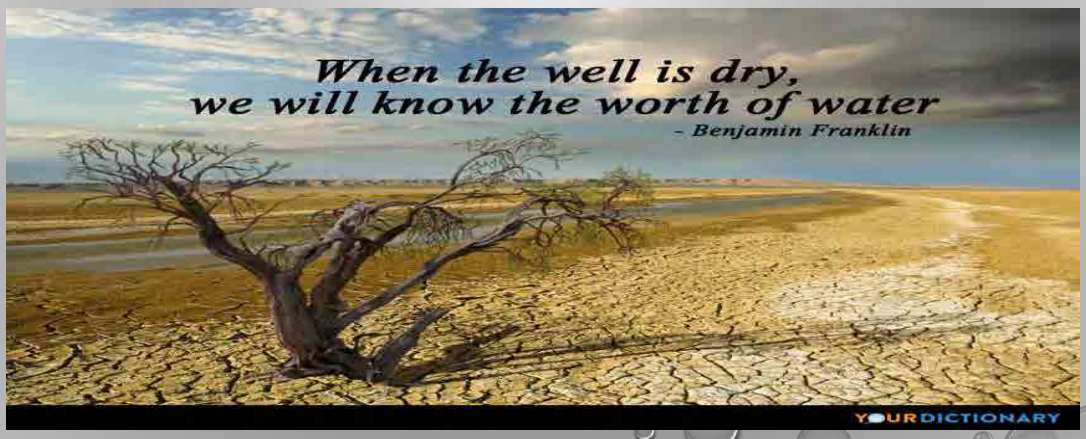
MS. SANA MEHBOOB ASSISTANT DIRECTOR

AND

MR. QAISER RASUL ASSISTANT DIRECTOR

CORE THEME OF THE DEPARTMENT

"Conserve the water for next generations"



VISION

To provide sustainable water and sewerage services by exploring community needs and prove to be the leader in the service sector of the country.

MISSION STATEMENT

To make our customers feel welcome, appreciated, and worthy of our best efforts in everything we do for providing water supply, sewerage and drainage services.

BASIC INFORMATION

- Faisalabad is the third leading city of Pakistan and second in province Punjab. The city has grown rapidly from a population of 70,000 in 1947 to presently about 3.2 million. The river Chenab flows about 30KM to the north west while river Ravi is about 40KM to the south east. The quality of Faisalabad's ground water except some localities near Rakh branch canal, is quite saline and not fit for human consumption. The city was first provided potable water in 1903 and the water works were augmented over the years, including supply of filtered water in 1939. During 1960, a partial sewerage system was introduced to provide facilities to around 0.2 million population. Up to 1978, the Faisalabad municipal corporation (FMC) operated the water supply and sewerage system in Faisalabad.

Water and sanitation agency, commonly known as WASA, subsidiary of Faisalabad development authority, (FDA) was established on April 23, 1978 under the development of cities act 1976 with a view to providing and catering for the services with regard to water supply, sewerage and drainage. The WASA Faisalabad is administratively aligned to “housing urban development and public health engineering department (HUD&PHED)” of the government of Punjab. Presently, total service area of WASA Faisalabad is 225 sq. Km that includes 113 urban union councils of four towns with total registered consumers 2, 60,000. It is estimated that WASA provides about 72% of the city with sewerage services and about 60% with water services.

FORMULATION OF BUSINESS PLAN

SWOT ANALYSIS

Internal Factors	
Strengths (S)	**Weaknesses (W)**
Water quality as per standard of WHO Customer Complaint Center WASA Official Whats app Group Establishment of CLC itizen Liason Cell Deputation of Squad in Revenue Field Water Bottling Service Adoption of Automation system in finane	inefficient billing distribution system Non availability of Mettering System Non Revenue Water shortage of trained staff Lack of Public Awareness/media compeign Problems of poor Infrastructe Low Tarrif
Opportunities (O)	**Threats (T)**
advantage over other brandsof botling service expand the area of jurisdiction higher the rate of revenue for sustainability instant rectification of public issues by customer feed back Foreign donars and projects Small Water Groups for Revenue collection against the services provided accuracy and reliability	Non treatment of waste water lack of legal protection to staff misuse of water resoursec as illegal connection Contiminated water and outdated lines ristriction on increase of tarriff government policies Enrironmental and pollution threats

GAP ANALYSIS & TARGET SETTING OF KEY PERFORMANCE INDICATORS (KPIS)

Conditional Assessment

WASA	Gaps	Base Line		Target Year 1		Target Year 2		Target Year 3	
		Poor D	Fair C	Poor D	Fair C	Poor D	Fair C	Poor D	Fair C
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	Low & Fair Pump's Pumping Efficiency (No's)	29	12	13	4	10	5	6	3
	Tube well Condition	2%	0	2%	0	0	0	0	0
	Disposal Condition	42%	51%	17%	20%	12%	15%	13%	16%
	OHR Condition	Non working	Non Working	Plan to Install 20 of Good Quality					

Costing and Budgeting

WASA	Gaps	Base Line	Target Year 1	Target Year 2	Target Year 3
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	Peak Unit Consumption (PKR M)	2.03	1	0.5	0.25
	MDI Unit Consumption (PKR M)	45%	15%	10%	12%
	Power Factor Penalty (PKR M)	5.4	2	2	1.4
	Non-Revenue Water (%)	45%	20%	10%	5%

BUDGET AND COST ESTIMATES

BUDGET ESTIMATES FOR THREE YEARS : YEAR 1 = 25 MILLION YEAR 2 = 30 MILLION YEAR 3 = 33 MILLION

COST ESTIMATES OF FIDDERENT EQUIPMENTS:

(PR) = PUMP REPLACEMENT = .3 MILLION

(IR) IMPELLER REPAIR = .1 MILLION

(CI) CAPISTAR INSTALLATION = .025 MILLION

(NT) = NEW TUBEWELL = 12 MILLION

COST COMPONENTS TO REDUCE 1% NRW

1. REPLACEMENT OF WATER SUPPLY LINES
2. SURVEY AND DETECTION OF ILLEGAL WATER CONSUMERS.
3. REPIAR OF LEAKAGE WATER SUPPLY LINES

1 % NRW REDUCTION =RS. 0 .4 MILLION

Costing and Budgeting

WASA	Taks	Cost Year 1	Cost Year 2	Cost Year 3
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	Low & Fair Pump's Pumping Efficiency (No's)	1*12 = 12 Million/NT +5*.3 = 1.5 Million/PR+ 10*.1 = 1 Million /IR	2*12 = 24 Million/NT +5*.3 = 1.5 Million/PR+ 10*.1 = 1 Million /IR	2*12 = 24 Million/NT +5*.2 = 1 Million/PR+ 5*.1 = .5 Million /IR
	Peak Unit Consumption (PKR M)	Notification to reduce 25% paek unit / responsibilty fixation	Notification to reduce 25% paek unit / responsibilty fixation	Notification to reduce 25% paek unit / responsibilty fixation
	MDI Unit Consumption (PKR M)	instruction to not operate beyond sanctioned capacity allowed by FESCO	instruction to not operate beyond sanctioned capacity allowed by FESCO	instruction to not operate beyond sanctioned capacity allowed by FESCO
	Power Factor Penalty (PKR M)	14*.025 = .35 Million	5*.025 = .125 Million	10*.25 = 2.5 Million
	Non-Revenue Water (%)	8 Million	4 Million	4 Million
Total cost >>		22.85 Million	30.63 Million	32 Million
Surplus / (sharotfall) in Rs. Million		2.15	-0.63	1.0

Service Improvement

Type	Base Line			Targets B			Targets C		
	B (Length) (m)	C (Length) (m)	D (Length) (m)	Y 1 (Length) (m)(30%)	Y 2 (Length) (m)(50%)	Y 3 (Length) (m)(20%)	Y 1 (Length) (m)(50%)	Y 2 (Length) (m)(30%)	Y 3 (Length) (m)(20%)
Water	13,853	1,455	-	4,156	6,927	2,771	728	437	291
Sewerage	6,792	5,662	-	4,156	6,927	2,771	728	437	291

Collection Efficiency (GAP Analysis & Target Setting)

			Target		
Indicator	Unit	Current Status	2017-18	2018-19	2019-20
Collection Efficiency (Physical)	%	29	40	50	70
Collection Efficiency (Financial)	%	73	85	95	100

PERFORMANCE IMPROVEMENT PLAN.

		Short Tem (2017-18) 1 Year					Medium Term (2018-21) 3 Years				
Sr. #	Areas of Improvement	Action Plan	Location	Budget	Responsible staff/ Supervision	Timeline	Action Plan	Location	Budget	Responsible staff/ Supervision	Timeline
1	24/7 PRESSURIZED SYSTEM	OHR REHABILITATION	Faisalabad	16,250,000	X.EN ,SDO,OVERSEAR	6 MONTHS		Faisalabad			
		TUBEWELL REHABILITIATION		2,000,000	X.EN ,SDO,OVERSEAR	6 MONTHS					
		PIPE(6") REPALCEMENT		4,910,000	SDO,OVERSEAR	6MONTHS	PIPE(6") REPALCEMENT		2,000,000		ONE YEAR
		INSTALLATION OF WATER METER		16,250,000	VENDOR,SDO. OVERSEAR,	6 MONTHS	INSTALLATION OF WATER METER		1,000,000		TWO YEARS
		SCADA SYSTEM MONITORING		10,000,000	SCADA EXPERT,XEN ELECTRICITY	6 MONTHS	SCADA SYSTEM MAINTENANCE		1,0000,000		TWO YEARS

2	SUSTAINABILITY OF WATER	SURFACE WATER TREATMENT RAIN WATER HARVESTING	Faisalabad	200,000,000 100,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	I YEAR IYEAR	SURFACE WATER TREATMENT RAIN WATER HARVESTING	Faisalabad	10,000,000 5,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	TWO YEARS
3	INSTALLATION OF WASTE WATER TREATMENT PLANT	WASTE STABILIZATION POND	Muddoana Drain (Faisalabad)	100,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	I YEAR	INSTALLATION OF WASTE WATER TREATMENT PLANT	Muddoana Drain (Faisalabad)	50,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	TWO YEARS

COMMUNICATION AND CUSTOMER SERVICE IMPROVEMENT PLAN

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Lack of internal communication	Publication of News letter on monthly basis	CEO's, Local persons	Continious process		Uodation of staff regarding on going activities
2	Lack of public awareness	use of social mobilization team and use social media	Top management			To imrove the soft image of department and positive use of department services
3	Customer feedback and CMS	establishment of One Window counter	Middle level Management (BPS level)			Record of complaints and movement towards concerned directorate
4	Brand advertisement (WASA water bottling service)	Media campaign	PRO, Top management			Projection of department services
5	Lack of co-ordination among directorates	Use of notice board, monthly meetings, informal discussion groups	Administration , Top Management			down to top communication and formulation of new action plan

TRAINING PLAN

Date and Time	Course Title	Level	Aims	Objectives	Training Methods	Location	Materials	Assessment
21/12/2017 to 25/12/2017	Training of Financial module	Basic	Provides basic understanding of Financial software and accurate data input by the operators	increase technical knowledge	Presentations, Training sessions	Committee Room WASA, Faisalabad	hand outs,PPt slides	employees feed back through evaluation forms
22/12/2017 to 23/12/2017	preparation of final accounts and audit paras	Intermediate	finalization of accounts and settlement of paras	1.Reliable financial statements 2)decrease in audit paras	Group exercises,workshops,lectures	Committee Room WASA, Faisalabad	hand outs,PPt slides,manuals	employees feed back through evaluation forms
26/12/2017 to 27/12/2017	Installation and reading of Water meter	Intermediate	To provide installation and reading techniques	proper installation and accurate meter reading	Practical training and on job training	Field area / sub divisions	Manual,videos	through Practical Demonstration in field
28/12/2017 to 29/12/2017	Record Keeping Skills	Intermediate	To improve the record keeping techniques	Development of Efficient Database	Presentations, Training sessions	Committee Room WASA, Faisalabad	Power Point, Manuals, Hand outs	Assesment form collection
30/12/2017 to 01/01/2018	Survey and Recovery techniques	Basic	To enhance the efficiency of Survey and recovery teams	Maximization of Revenue and Increase in consumers	Training Session, Group discussion and on sites training,	WASA Resource Center, Faisalabad and concerned Revenue subdivision	Power Point, SOPs Booklet	through Practical Demonstration

FINANCIAL IMPROVEMENT PLAN

ACTION PLAN FOR IMPROVEMENT OF OUTDATED CONSUMER DATABASE

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Outdated consumer Data base	Collection of updated records from consumer and timely updation for billing and recovery	Bill distributor / Field Officer, DD IT	01-Jul-17	30-Jun-20	Resolution of publlic disputes , Proper billing , Increase in revenue collection

ACTION PLAN FOR IMPROVEMENT IN BILL DISTRIBUTION AND RECEIPT

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Inefficient billing system	outsource as a pilot project	Top Management , Concerned RO and Bill distribution company	01-Jul-17	30-Jun-20	Proper bill distribution and probability of increase in No of payees.
2	Undelivered bills	Analysis of undelivered bills and redistribution after necessary action	RO,AD, billing company	01-Jul-17	30-Jun-20	Increase in No of payees and revenue collection
3	Consumer complaints	Consumer complaint registeration and surprise visits of billing area	RO , AD of the concerned subdivision and Billing company	01-Jul-17	30-Jun-20	Keep track of billing progress and rectification of billing complaints
4	Problem in bill collection	TO enhance no of banks / collection centers	Finance , Top management	01-Jul-17	continious	increase in collection efficiency

ACTION PLAN FOR IMPROVEMENT IN ARREARS RECOVERY AND COLLECTION EFFICIENCY

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Inefficient billing system	outsource as a pilot project	Top Management , Concerned RO and Bill distribution company	01-Jul-17	30-Jun-20	Proper bill distribution and probability of increase in No of payees.
2	Undelivered bills	Analysis of undelivered bills and redistribution after necessary action	RO,AD, billing company	01-Jul-17	30-Jun-20	Increase in No of payees and revenue collection
3	Consumer complaints	Consumer complaint registeration and surprise visits of billing area	RO , AD of the concerned subdivision and Billing company	01-Jul-17	30-Jun-20	Keep track of billing progress and rectification of billing complaints
4	Problem in bill collection	TO enhance no of banks / collection centers	Finance , Top management	01-Jul-17	continious	increase in collection efficiency

ACTION PLAN FOR IMPROVEMENT IN ARREARS RECOVERY AND COLLECTION EFFICIENCY

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Inefficient billing system	outsource as a pilot project	Top Management , Concerned RO and Bill distribution company	01-Jul-17	30-Jun-20	Proper bill distribution and probability of increase in No of payees.
2	Undelivered bills	Analysis of undelivered bills and redistribution after necessary action	RO,AD, billing company	01-Jul-17	30-Jun-20	Increase in No of payees and revenue collection
3	Consumer complaints	Consumer complaint registeration and surprise visits of billing area	RO , AD of the concerned subdivision and Billing company	01-Jul-17	30-Jun-20	Keep track of billing progress and rectification of billing complaints
4	Problem in bill collection	TO enhance no of banks / collection centers	Finance , Top management	01-Jul-17	continious	increase in collection efficiency

ACTION PLAN FOR IMPROVEMENT IN ARREARS RECOVERY AND COLLECTION EFFICIENCY

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Outdated data base and aging of arrear	To update consumer data base and aging of arrears	DD IT, Concerned RO	01-Jul-17	30-Jun-20	reduction in arrear and increase in collection efficiency
2	Bill amnesty scheme / discounts	To encourage consumers for full payment of dues and negotiation and settlement with illegal users	DD , AD and RO	01-Jul-17	30-Jun-20	Reduction in NRW and improvement in data base alonwith arrear collection efficiency.
3	Political interference	Meting with political representatives and opinion leaders to address class of consumers " Do not want to Pay" and change the mind setup	Top Management, Director Revenue	01-Jul-17	30-Jun-20	Trend of public to pay wasa bills timely , improvement in soft image of department
4	Lack of Legal framework	Formulate legal framework t o exercise strict legal action against chronic defaulter and illegal users	Tehsil dar ,Megistrate	01-Jul-17	30-Jun-20	Increase in total consumers and payees along with collection efficiency
5	Lack of motivation in field staff	To provode specific percentage of chronic arrear collected and provosion of official fuel / conveyance	Top Management	01-Jul-17	30-Jun-20	Performance improvement and increase in revenue recovery.

ACTION PLAN FOR ADDITIONAL SOURCES OF REVENUE

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Non utilization of Land	Lease agreement and rent of constructed shops / commercial Plaza	Estate Management Cell, Top Management	01-Jul-17	30-Jun-20	Increase in Revenue
2	Non utilization of OHR	use as advertising source for different sectors, lease agreement with telecommunication sector to install towers	Estate Management Cell, Top Management	01-Jul-17	30-Jun-20	Increase in Revenue
3	Lack of additional source of income	To make arrangment with Shell company to setup a petrol pump on wasa land without rent and to provide fuel to the wasa vehicles and general public and share profits in specified ratio	Top management , Estate management cell	01-Jul-17	30-Jun-20	reduction and control on fuel expenditures of vehicle and increase in additional revenue
4	Non utilization of waste water	sale of waste water to the local lanlords for cultivation purpose.	Dir Revenue , Top Management	01-Jul-17	30-Jun-20	revenue enhancement, customer trust and loyality

ACKNOWLDGEMENT

WE APPRECIATE THE EFFORTS OF URBAN UNIT AND MANAGEMENT OF AL-JAZAIRI ACADEMY TO CONDUCT THIS REMARKABLE TRAINING SESSION ON BUSINESS PLANNING AND PROVIDED AN OPPORTUNITY TO ENHANCE OUR FINANCIAL AND STRATEGIC APPROACH TOWARDS ACHIEVMENT OF OBJECTIVES.WE DEDICATE THIS BUSINESS PLAN TO " MR. ASIF IQBAL , MR ALI RAO , SIR KARUDA ".

THANK YOU

WASA Faisalabad

Business Plan Format

For FY 2017-18 to FY 2019-20

1. Vision/ Mission (Annex-A)

conserve water for next generation.

2. Basic Information: (Annex- B).

4. SWOT Analysis: (Annex-C).

5. GAP Analysis & Target Setting of Key Performance Indicators (KPIs) (Annex-D)

6. Performance/ Services Improvement Plan (Short Term, Medium Term and Long Term) (Annex-E)

7. Communication Plan (Annex-F)

8. Training Plan (Annex-G)

9. Financial Improvement Plan (Annex-H)

WASA Faisalabad
Business Plan
For FY 2017-18 to FY 2019-20

Annex A - Vision & Mission Statements

Vision Statement

To provide sustainable water and sewerage services by exploring community needs and prove to be the leader in the service sector of the country.

Mission Statement

To make our customers feel welcome, appreciated, and worthy of our best efforts in everything we do for providing water supply, sewerage and drainage services.

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex B-Key Information (15th Feb 2017).

Sr #	Description	Unit	Value	Remarks
1	Total Population in wasa jurisdiction	3.20 million		
2	Population with Water Service	1.92 million	60	percentage
3	Population with Sewerage Service	2.30 million	72	percentage
4	Total Water Production	Gallons/day	110 MGD	
5	Total Water Sold	0		
6	Metered (Functioning) Water Sold	Gallons/Year		40000 meters installed
7	Free Water	Gallons/Year		
8	Total number of Water connections	133000		
9	Number of Metered Connections	40000		
10	Number of Functioning Metered Connections	40000		
11	Total number of Sewerage connections	152927		
12	Length of Water Pipelines	1600 KM		
13	Length of Sewerage Pipelines	1767KM		
14	Number of Water pipeline breakages	No./Year		
15	Number of Sewerage line breakages	No./Year		
16	Number of Sewerage line Blockages	No./Year		
17	Number of Water pipeline leakages	No./Year		
18	Total Operating Cost (O+R&M+HR+Fin)	Rs./Year		
19	Operating Cost (Electricity + Fuel)	40%Rs./Year		
20	Human Resource Cost	48%Rs./Year		
21	Repair & Maintenance Cost	Rs./Year		
22	Annual amount of Bill Distribution	Rs./Year		
23	Amount of Bill Collection (Ex-Arrears)	Rs.700.5 Million/Year		
24	Amount of Arrears Collected	Rs.23166789/Year		
25	Total Number of Water Quality Samples	No./Year		
26	Biological Unfit Samples	No./Year		
27	Residual Cholorine Unfit Samples	No./Year		
28	Total Number of Complaints	No./Year		
29	Number of Water Complaints	No./Year		
30	Number of Sewerage Complaints	No./Year		

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex C - SWOT Analysis

Internal Factors	
Strengths (S)	**Weaknesses (W)**
Water quality as per standard of WHO Customer Complaint Center WASA Official Whats app Group Establishment of CLC itizen Liason Cell Deputation of Squad in Revenue Field Water Bottling Service Adoption of Automation system in finane	inefficient billing distribution system Non availability of Mettering System Non Revenue Water shortage of trained staff Lack of Public Awareness/media compeign Problems of poor Infrastructe Low Tarrif
Opportunities (O) advantage over other brandsof botling service expand the area of jurisdiction higher the rate of revenue for sustainability instant rectification of public issues by customer feed back Foreign donars and projects Small Water Groups for Revenue collection against the services provided accuracy and reliability	**Threats (T)** Non treatment of waste water lack of legal protection to staff misuse of water resoursec as illegal connection Contiminated water and outdated lines ristriction on increase of tarriff government policies Enrironmental and pollution threats
External Factors	

WASA Lahore

Business Plan

For FY 2017-18 to FY 2019-20

Annex D: GAP Analysis & Target Setting of Key Performance Indicators (KPIs)

Conditional Assessment

WASA	Gaps	Base Line		Target Year 1		Target Year 2		Target Year 3	
		Poor D	Fair C	Poor D	Fair C	Poor D	Fair C	Poor D	Fair C
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	Low & Fair Pump's Pumping Efficiency (No's)	29	12	13	4	10	5	6	3
	Tube well Condition	2%	0	2%	0	0	0	0	0
	Disposal	42%	51%	17%	20%	12%	15%	13%	16%
	OHR Condition	Non working	Non Working	Plan to Install 20 of Good Quality					

Costing and Budgeting

WASA	Gaps	Base Line	Target Year 1	Target Year 2	Target Year 3
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	Peak Unit Consumption (PKR M)	2.03	1	0.5	0.25
	MDI Unit Consumption (PKR M)	45%	15%	10%	12%
	Power Factor Penalty (PKR M)	5.4	2	2	1.4
	Non-Revenue Water (%)	45%	20%	10%	5%

Costing and Budgeting

WASA	Taks	Cost Year 1	Cost Year 2	Cost Year 3
Lahore/ Gujranwala/ Multan/ Faisalabad/ Rawalpindi/ NSUSC	**Low & Fair Pump's Pumping Efficiency (No's)**	**1*12 = 12 Million/NT +5*.3 = 1.5 Million/PR+ 10*.1 = 1 Million /IR**	**2*12 = 24 Million/NT +5*.3 = 1.5 Million/PR+ 10*.1 = 1 Million /IR**	**2*12 = 24 Million/NT +5*.2 = 1 Million/PR+ 5*.1 = .5 Million /IR**
	Peak Unit Consumption (PKR M)	**Notification to reduce 25% paek unit / responsibilty fixation**	**Notification to reduce 25% paek unit / responsibilty fixation**	**Notification to reduce 25% paek unit / responsibilty fixation**
	MDI Unit Consumption (PKR M)	**insruction to not operate beyond sanctioned capacity allowed by fesco**	**insruction to not operate beyond sanctioned capacity allowed by**	**insruction to not operate beyond sanctioned capacity**
	Power Factor Penalty (PKR M)	**14*.025 = .35 Million**	**5*.025 = .125 Million**	**10*.25 = 2.5 Million**

	Non-Revenue Water (%)	8 Million	4 Million	4 Million
Total >>		22.85 Million	30.63 Million	32 Million
Surplus / (sharotfall) in Rs. Million		2.15	-0.63	1

Service Improvement

Type	Base Line			Targets B			Targets C	
	B (Length) (m)	C (Length) (m)	D (Length) (m)	Y 1 (Length) (m)(30%)	Y 2 (Length) (m)(50%)	Y 3 (Length) (m)(20%)	Y 1 (Length) (m)(50%)	Y 2 (Length) (m)(30%)
Water	13,853	1,455	-	4,156	6,927	2,771	728	437
Sewerage	6,792	5,662	-	4,156	6,927	2,771	728	437

Collection Efficiency (GAP Analysis & Target Setting)

			Target		
Indicator	Unit	Current Status	2017-18	2018-19	2019-20
Collection Efficiency (Physical)	%	29	40	50	70
Collection Efficiency (Financial)	%	73	85	95	100

Budget :	**Year 1 = 25 Million**	**Year 2 = 30**	**Year 3 = 33**

	Assumption to reduce 1% NRW include the rectification of following components:
(PR) = Pump replacement = .3 million	**1. replacement of water supply lines**
(IR) impeller repair = .1 million	**2. Survey and detection of illegal water consumers.**
(CI) capistar installation = .025 Million	**3. repiar of leakage water supply lines**

(NT) = New Tubewell = 12 million

1 % NRW reduction = .4 Million

2.5 0.2

	Targets D		
Y 3 (Length) (m)(20%)	**Y 1 (Length) (m)**	**Y 2 (Length) (m)**	**Y 3 (Length) (m)**
291			
291			

WASA Faisalabad
Business Plan
For FY 2017-18 to FY 2019-20

Annex E-Performance Improvement Plan.

		Short	
Sr. #	**Areas of Improvement**	**Action Plan**	**Location**
1	24/7 PRESSURIZED SYSTEM	OHR REHABITIATION	Faisalabad
		TUBEWELL REHABILITIATION	
		PIPE(6") REPALCEMENT	
		INSTALLATION OF WATER METER	
		SCADA SYSTEM MONITORING	
2	SUSTAINABILITY OF WATER	SURFACE WATER TREATMENT	Faisalabad
		RAIN WATER HARVESTING	
3	INSTALLATION OF WASTE WATER TREATMENT PLANT	WASTE STABILIZATION POND	Muddoana Drain (Faisalabad)

t Tem (2017-18) 1 Year			
Budget	Responsible staff/ Supervision	Timeline	Action Plan
16250000	X.EN ,SDO,OVERSEAR	6 MONTHS	
2000000	X.EN ,SDO,OVERSEAR	6 MONTHS	
4910000	SDO,OVERSEAR	6MONTHS	PIPE(6") REPALCEMENT
16250000	VENDOR,SDO,OVERSEAR,	6 MONTHS	INSTALLATION OF WATER METER
10000000	SCADA EXPERT,XEN ELECTRICITY	6 MONTHS	SCADA SYSTEM MAINTENANCE
200,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	I YEAR	SURFACE WATER TREATMENT
100,000,000		IYEAR	RAIN WATER HARVESTING
100,000,000	HIGHER MANAGEMENT AND CONSULTANCY SERVICES	I YEAR	INSTALLATION OF WASTE WATER TREATMENT PLANT

Medium Term (2018-21) 3 Years			
Location	**Budget**	**Responsible staff/ Supervision**	**Timeline**
Faisalabad	**2000000** **1000000** **10000000**		**ONE YEAR** **TWO YEARS** **TWO YEARS**
Faisalabad	**10,000,000** **5000000**	**HIGHER MANAGEMENT AND CONSULTANCY SERVICES**	**TWO YEARS**
Muddoana Drain (Faisalabad)	**50,000,000**	**HIGHER MANAGEMENT AND CONSULTANCY SERVICES**	**TWO YEARS**

WASA Faisalabad
Business Plan
For FY 2017-18 to FY 2019-20

Annex F - Communication and Customer Service Improvement Plan

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Lack of internal communication	meetings with concerned officers regular basis	staff and concerned officer	1-Jul-17	1-Jul-20	monitoring of goals
2	Lack of office circulars	immediate officer should rotate the concerned information to staff	top management	1-Jul-17	1-Jul-20	ensure the information has communicated to everyone
3	No seminars and workshops	in schools and colleges seminars should be conducted for mass awareness	social mobilizzers and top management	1-Jul-17	1-Jul-20	ensure the awarness of public regarding utility
4	Lack of social media interaction	some website and social medias used to access public reviews	information techonology departemnt,social mobilizer,PRO,top management	1-Jul-17	1-Jul-20	publics feedback will be monitored
5	inefficient printing media	print idea about saving water resource on bill	Public Relation Officer,social mobilizer,electonic data entry department,printing department	1-Jul-17	1-Jul-20	improve awareness about water as a blessing

WASA Faisalabad
Business Plan
For FY 2017-18 to FY 2019-20

Annex G - Training Plan

Date and Time	Course Title	Level	Aims	Objectives	Training Methods
6 ,MARCH 2017-11, MARCH 2017	Training of Financial module	Basic	Provides basic understanding of Financial software and accurate data input by the operators	increase technical knowledge	field visits,workshops
27, APRIL 2017-30,APRIL 2017	prepration of final accounts and audit paras	INTERMEDIATE	finalization of accounts and settlement of paras	1.Reliable financal statements 2)decrease in audit paras	Group exercises,workshops,lectures
15,MAY2017-20,MAY 2017	Improvement in leadership skills and motivational level	ADVANCE	To improve the motivation in staff	Improvement in performance of employ	workshops,lectures,case studies,coaching
2,SEP 2017-6,SEP 2017	Learining of software related to NRW	ADVANCE	how to calculate NRW	Reduce NRW	workshop,lectures and demonstrations
12/15/2017 to 12/18/2017	Record Keeping Skills	Intermediate	To improve the record keeping techniques	Development of Efficient Database	Presentations, Training sessions
12/10/2017 to 12/14/2017	Survey and Recovery techniques	Basic	To enhance the efficiency of Survey and recovery teams	Maximization of Revenue and Increase in consumers	Training Session, Group discussion and on sites training,

Note: These training plans will remain in a cycle for different batches for FY 2017-2018 TO FY 2019-2020

12/10/2017 to 12/14/2017	Survey and Recovery techniques	Basic	To enhance the efficiency of Survey and recovery teams	Maximization of Revenue and Increase in consumers	Training Session, Group discussion and on sites training,
12/15/2017 to 12/18/2017	Record Keeping Skills	Intermediate	To improve the record keeping techniques	Development of Efficient Database	Presentations, Training sessions

Location	Materials	Assessment
WASA,Training center	hand outs,PPt slides	employees feed back through evaluation forms
	hand outs,PPt slides,manuals	
	hand outs,PPt slides,videos	
	hand outs,PPt slides,softwares,videos	
Committee Room WASA, Faisalabad	Power Point,Manuals, Hand outs	Assesment form collection
WASA Resource Center, Faisalabad and concerned Revenue subdivision	Power Point, SOPs Booklet	through Practical Demonstratio n

WASA Resource Center, Faisalabad and concerned Revenue subdivision	Power Point, SOPs Booklet	through Practical Demonstratio n
Committee Room WASA, Faisalabad	Power Point,Manuals, Hand outs	Assesment form collection

WASA Lahore
Business Plan
For FY 2017-18 to FY 2019-20

Annex H - Financial Improvement Plan

Action Plan for Improvement of Outdated Consumer Database

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	Non authentic information about consumer	Trained staff should be order to work in field ,updation of daily basis data,maintenance of softwares,incentives to staff	field inspector,supervisior,AD computer	1-Jul-17	1-Jul-20	revenue enhancement,Billing and Arrear improvement
2	consumer resistance for provision of data	staff attitude should be positive,Geographical information should known,staff trained in public dealing	HR,Social Mobilizaer,AD Revenue,Data entry operator,SDO	1-Jul-17	1-Jul-20	Updated and accurate consumer data
3	inefficient updation of consumer record	centeralized system to monitor Data base	EDP,IT department	1-Jul-17	1-Jul-20	Time saving,electronic billing,accurate analysis of consumer report

Action Plan for Improvement in Bill Distribution and Receipt

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	bill delivery is noy 100%	outsource as a pilot project	third party	1-Jul-17	1-Jul-20	recovery from arrear,increase in no of paying customer
2	bill distributor and recovery man are same/non rotation of staff	job rotation of bill distributor	supervisior,AD Revenue	1-Jul-17	1-Jul-20	Revenue enhancement,increase in no of paying customer

3	limited modes of payment	no of banks enhanced,mobil services,online payment	EDP,Finance	1-Jul-17	1-Jul-20	customer satisfaction,increase in recepits

Action Plan for Improvement in Arrears Recovery and Collection Efficiency

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	difficulty in disconnection	standardize procedure for installation	SDO	1-Jul-17	1-Jul-20	increase recovery,Arrear reduction,increase in disconnection of defaulters
2	criminal resistance	effective law and enforcement	Tehsil dar ,Megistrate	1-Jul-17	1-Jul-20	increase recovery,Arrear reduction
3	unmotivated field staff	perks and fringe benefits	Top Management	1-Jul-17	1-Jul-20	efficiency of collection increase

Action Plan for Additional Sources of Revenue

Sr. No.	Issues	Strategy	Responsibility	Start Date	End Date	KPIs
1	non utilization of land	lease aggrement	FA&R Department	1-Jul-17	1-Jul-20	Maintenace of land,revenue enhancement
2	non utilization of OHR	use as advertizing source for different sectors,lease aggrement with telecommunication sector	FA&R Department,engineering wing	1-Jul-17	1-Jul-20	revenue enhancement
3	low water quality	water bottles sale should be consider,filteration plant should be installed	engineering wing	1-Jul-17	1-Jul-20	revenue enhancement,increase customer trust

添付資料 4.56

2017 年秋期研修、2018 年春期研修「O&M of Tube Well and Pump Facility」の OJT 実施手順書

Procedure of On the Job Implementation Procedure

Tube Well and Distribution System

1. Tube Well

No.	Items	Check
1	Confirmation of Condition of the Pump house	
	Damage of key, door, roof, wall, window	
2	Confirmation of Condition of Chlorinator	
3	Confirmation of condition of pipe	
	Leakage Damage Rust	
4	Condition of Air Release Valve	
5	Confirmation of depth of pump installed from drawing as build	
6	Checking of ground water level	
7	Checking of Water Pressure of outlet	
8	Checking of Chlorine Content of Pumped up Water	
	Reporting of the check result	

2. Water Pipe Bridge (Water Pipe crossing river)

No.	Items	Check
1	Preparation of the pipeline map (based on GIS map)	
2	Confirmation of diameter, material of the Water Pipe Bridge	
3	An Air release valve is installed or not	
4	Location of the water pipe bridge matches the pipeline map	
5	The water pipe bridge avoids flow of the river or not	
6	Confirmation of conditions of the water pipe bridge	
	Leakage Damage Rust	
	Reporting of the check result	

It is not easy to check the conditions of underground pipeline, but it is easy to check the conditions

of water pipe bridges on the surface.

3. Valves in Supply Area

No.	Items	Check
1	Preparation of the pipeline map (based on GIS map)	
2	Location of the manhole matches the pipeline map	
3	Confirmation of conditions of manhole cover	
4	Confirmation of type of the Valve	
5	Confirmation of conditions of the valve	
	Leakage	
	Damage	
	Open and close operation	
	Reporting of the check result	

Checked by _____ Date _____

Approved by _____ Date _____

Approved by _____ Date _____

添付資料 4.57

2017 年秋期研修「O&M of Electrical Equipment」の OJT 実施手順書

Approved by: _____

WASA: LDA Division: CD-1 Sub Division: CD-1

Prepared by: Syed Mehdi Hassan

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Construction Office 59-F Gulshan Road	CD-I Hamid Lal	CD-I Mehdi Hassan	CD-I Shakil Ahmed		Daily Operation Record	16-12-17			
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks- My posting in construction Division its relate to (O&M) so I ~~and~~ no comment on (O&M) Wing when my posting in (O&M) Wing I ensure / implement as per Training skils Al-Jazari Academy

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						1. O&M Manual				
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks- do ——— do

WASA: LHR Division: ~~Mustafabad~~ Aziz Bhatti Town Sub Division: Mustafabad

Approved by: _____

Prepared by: Ammar Arshad

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.		Suleman Nisar	Javaid /Zoheib	Imran		Daily Operation Record	March 18-			
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.		Suleman	Zohaib	Imran		1. O&M Manual	March 18.			
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks-

WASA: LAHORE Division: ~~BH~~ SHALAMAR XEN Sub Division: BIP

Approved by: Mc

Prepared by: Muhammad IRSHAD

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	BHOGIWAL	LATIF SHB	Ammar Anwar	Muhammad IRSHAD	SHAFQAT	Daily Operation Record	15-12-17	Feb 2018		
						SOP Check List	"	MARCH 2018		
						Device Inspection Sheet	"	Feb 2018		
2.						Daily Operation Record	"	Feb 2018		
						SOP Check List	"	Feb 2018		
						Device Inspection Sheet	"	March 2018		

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	BHOGIWAL D/S	LATIF SHB	Ammar Anwar SHB	Muhammad IRSHAD	SHAFQAT	1. O&M Manual	15-12-17	March 2018		
						2. Basic Specifications	" "	March 2018		
						3. Daily O&M Record	"	March 2018		
						4. Preventive Maintenance Plan	"	March 2018		

-Remarks-

Approved by: _____

WASA: LAHORE Division: QCD Sub Division: —

Prepared by: Ateeq-ur-Rehman

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	OFFICE Gulshan-e-Ravi	Zeeshan Bilal	Ateeq	Mudassir	Zulfiqar	Daily Operation Record	16/12/17			
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

N/A

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						1. O&M Manual				
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks-

— do —

Approved by: _____

WASA: Gujranwala Division: Sheranwala Bagh Sub Division: _____

Prepared by: _____

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Sheranwala Bagh	M. Aslam	Athar Nadeem			Daily Operation Record ✓	17-12-017	17-02-018		
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Sheranwala Bagh	M. Aslam	Athar Nadeem			1. O&M Manual	17-12-017	17-02-018		
						2. Basic Specifications ✓				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks-

Approved by: _____

WASA: Faisalabad Division: WATER DIRECTORATE Sub Division: WATER RESOURCES

Prepared by: FAROOQ Ahmad

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	JBC	Rooham Javed	Numan NOOR	Farooq Ahmad		Daily Operation Record ✓	18/12/17.			
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	JBC	Rooham Javed	Numan Noor	Farooq Ahmad		1. O&M Manual	18/12/17.			
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan ✓				

-Remarks-

WASA: Faisalabad Division: Water Resources Sub Division: Energy Managorment

Approved by: _____

Prepared by: Engr. Akhtar Ejaj, DD(Tech)

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Tubewell No. 20, chiniot	Sayyad ul Allah	Noman	Farooq		Daily Operation Record	15th Dec 17			
						SOP Check List				
						Device Inspection Sheet				
2.	Tubewell No. 16, JICA, JBC	Rohan Javed	Noman	Farooq		Daily Operation Record	15th Dec 17			
						SOP Check List				
						Device Inspection Sheet				

-Remarks- The Energy Management, Water Resources directorate is headed by me. So, I would like to implement the contents of activity as mentioned above under my capacity. For it, a team is required to be established at departmental level. So, there are several challenges But to achieve the targets, every available resource will be incoporated.

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Cholkera D/Work	Adnan Gul				1. O&M Manual	15th Dec 2017			
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks- The Generators are mostly present at the disposal stations where there is a variable load. ~~So, Mr. Ad~~ And For the management of disposal station a separate Directorate of Waste water Management is working. Mr Adnan Gul may be requested to introduce the relevant required facility, which has to be implemented, wrt the action plan submitted.

Cyrnaus 1/1(20

WASA: Rawalpindi Division: ~~East~~ West Zone Sub Division: Khayaban-e-Sirsyed

Approved by: _____

Prepared by: _____

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Khayaban-e-Sirsyed	Asim Nazir	Asim Nazir	Zohaib Aftab	—	Daily Operation Record	15-12-17	Feb 2018		
						SOP Check List		Mar 2018		
						Device Inspection Sheet		Mar 2018		
2.						Daily Operation Record		Feb 2018		
						SOP Check List		Feb 2018		
						Device Inspection Sheet		Mar 2018		

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Khayaban-e-Sirsyed	Asim Nazir	Asim Nazir	Zohaib Aftab		1. O&M Manual	15-12-17	Mar 2018		
						2. Basic Specifications		Feb 2018		
						3. Daily O&M Record		Feb 2018		
						4. Preventive Maintenance Plan		Mar 2018		

-Remarks-

Approved by: _____

WASA: MULTAN Division: SEWERAGE North Sub Division: Eidgah.

Prepared by: Zia-ur-Rehman.

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						1. O&M Manual				
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks- As I am relating to Sewerage Division, No electric Panel and Generator is under my supervision.

WASA: Multan Division: Central Sub Division: Qasimpura

Approved by: _____

Prepared by: _____

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record				
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.						1. O&M Manual				
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks-

I am Relating to Sewerage Division.

EC-IP-01

WASA: Quetta Division: Quetta Sub Division: Satellite Town

Approved by: C.E / MD

Prepared by: SDO

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Satellite Town			Khalid	Shad Meer	Daily Operation Record	1-01-18	6-01-18		
						SOP Check List				
						Device Inspection Sheet				
2.						Daily Operation Record	20-1-18	25-1-18		
						SOP Check List				
						Device Inspection Sheet				

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Satellite Town			Khalid	Ibrahim	1. O&M Manual	Feb.18	28-2-18		
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan				

-Remarks-

EC-IP-01

Yasir Ali
Dy WASA

WASA: Quetta ~~Chillan~~ Division: Chillan ~~Sariab~~ Sub Division: Sariab

Approved by: _____

Prepared by: _____

OJT Implementation Plan for Record Keeping, SOP & Device Inspection Activity of Electrical Panel

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Sariab	Tariq Mehmod	Yasir Ali	Khalid Bugti	M. Alim	Daily Operation Record	01-1-18		01-1-18	
						SOP Check List				
						Device Inspection Sheet				3-2-18
2.						Daily Operation Record	01-1-18		01-1-18	
						SOP Check List				
						Device Inspection Sheet				3-2-18

-Remarks-

OJT Implementation Procedure for O&M Manual, Record Keeping and Preventive Maintenance Activity of Diesel Generator

Administrative Information						Contents of Activity	Planning Date	Completed	Planning Date	Completed
Site No.	Site Name	Name of the Persons in Charge								
		XEN	SDO	Sub Engineer	Operator					
1.	Ayous Sachin	Tariq Mehmod	Yasir Ali	Kameran Khan	Shehab	1. O&M Manual	3-2-18		3-2-18	3-2-
						2. Basic Specifications				
						3. Daily O&M Record				
						4. Preventive Maintenance Plan		5-3-18		5-3-18

-Remarks-

添付資料 4.58

2018 年春期研修「O&M of Tube Well and Pump Facility」で作成されたアクションプラン

Operational and Repair Action Plan

WASA Rawalpindi

Mr. Asim Nazir Deputy Director

Sr. No.	Issue	Cause	Mitigation Measure
1	Shortage of water	Ground water Depletion population	New Tube well Surface water
2	Low Pressure	Shortage of water/OHR	Provision of OHR New machinery
3	Biological Contamination	Mixing of water with sewerage/garbage	Chlorination
4	Contamination in distribution	Old rusty network and mixing issue	F/plants
5	Leakages	Old networks/incidents	Repair/replace of lines
6	Wastage of water	Lack of awareness	Public awareness
7	Political/Social Influence	Political system	Better management
8	Line breakage	Old injected lines	Replacement of old lines
9	Ground Treatment and electricity issue	Surface water contaminated, load shedding	Treatment plant

WASA Lahore

Mr Tahir Rehman

Sr. No.	Issue	Cause	Mitigation Measure

1	Leakage of water supply lines	Contamination of clean drinking line	Repair of lines
2	Low pressure of water supply network		New reservoir/ new T/W is operational
3	Connected water supply line to sewerage line	Contamination of clean drinking water	New water supply line opposite site
4	Leakage of poor valve, jointing material	Poor water drinking	Replacement of good quality of valve jointing material
5	Contamination of source point distribution line		Chlorination
6	Laying of old cast iron pipe line	Cause of contamination	New water supply line for good production

WSSC Mardan

Laltab Tube well In charge

Major Issues

1. Operate of sewerage line to water supply line
2. No Chlorination

WSSC Kohat

Abdul Rehman Field Super Visor WSSC Kohat

Issue

1. Pipe leaking
2. Old pipe

WASA Rawalpindi

Aamir Hussain Shah Sub Engineer

Sr. No.	**Issue**	**Cause**	**Mitigation Measure**

1	Shortage of water	Ground water depletion, population	New TW Surface water
2	Low pressure	Shortage of water	Provision of OHR New machinery
3	Biological contamination	Mixing with sewerage	Chlorination
4	Leakage	Old rusting	Repair of pipe Change the pipe

添付資料 4.59

2018 年春期研修「Leak Detection」で作成されたアクションプラン

Leakage Detection and Repair Action Plan

WASA Lahore (Group 1)

1. **Preparation**

We shall establish a leak detection cell comprising of XEN, SDO, 2 SE's, 1 pipe fitter, 3 asstt. Pipe fitters. We shall use updated water distribution on line maps. After deciding the instruments to be used we shall procure the tools.

2. **Basic Survey**

We shall divide the sub-division into 5 blocks and utilize the updated pipe lay maps. The areas for which we have no maps, we shall carry out the surveys using various equipments (Metal Pipe Locator, Non Metal pipe Locator, Acoustic Leak Detector etc.) We shall analyze the pipe material, age, quality and repairing done.

3. **Plan**

After basic surveys and selected methodology, we shall try to control 90% of the losses within 5 years.

4. **Action**

A team leading by SE will carry out the leak detection surveys using the above mentioned tools. After detection, leakage points will be repaired, over aged & damaged lines replaced with new ones. Proper metering should be done at both production and consumer end to observe the input and output.

5. **Evaluation**

After 5 years, the losses will be compared with the current situation and it will be judged how much we have overcome the issue & how much the system has become efficient.

1. Riaz Elahi DD (P & E)
2. Husnain Ahmed ADH
3. Farhan Abbas SE
4. M Usman SE

WASA Lahore (Group 2)

1. Sub engineer, pipe fitter, A.P.F is team along with map at site Allama Iqbal Road, the equipments are used, Acoustic leak detector.
2. Will ensure the tube wells are in running position, and already laid, AC pipe age is approximately 5 years.
3. Set the target for Five year plan, we will adopt method as per site condition.

4. Visit the site and observed the leakage causes, the pipe is out of order, and leakage volume is low. If leakage water on the surface then get repaired. If leakage is underground, then we detect the leakage with equipment, as site condition.
5. We survey the site, the mostly site is leakage, and measure the leakage with equipment, related the leakage detection, and we repair the leakage pipe, and we controls the non-revenue water.

1. Adnan Ahmed (J.C.E, D.C 2, CD VI)
2. Muhammad Kamran Sub Engineer (O & M)
3. Muhammad Zeeshan Sub Engineer (DC-1)
4. Mohsin Ali SDO (O & M)

WASA Multan & WSSC Peshawar

1. **Preparation**
   i. Complaint cell (Supervisor + Plumber + 3 Helpers)
   ii. Collect information from public and our senior staff.
   iii. Provision tolls to concern staff (leakage removing material Rubber, Kasi, Gainti (hammer), cutter etc.}
2. **Basic Survey**
   i. Information about water supplied- Tube wells in concern sub division, pressure of T. wells and discharge also.
   ii. Then division of city and sub division into zones.
   iii. Collect information about the pipe material, like what type of i.e. HDPE, AC, GI, PVC, CI and how old is/ information about age.
   iv. Collect information about works done on this line before.
3. **Plan**
   i. Set the Plan/Target repairs of Leak points that how can we resolve/repair in a month/week/year.
   ii. Plan about for a year to resolve or repair the leakages.
   iii. Then we decide which method will be used for detection of leakages.
4. **Action/Implementation**
   i. Survey about leakages in different zones/sub divisions by using leak detection equipment/ Acoustic Leakage detector/ Non Metal pipe locator.
   ii. Collect information about causes of leakages / that how leakages occur – what the reason is.
   iii. Know about leakes volume/ calculate about it. That the leakage size is small or large.
   iv. Quick repair (in surface pipe generally in GI pipes in which there is no need of excavation.) and already detect.

v. After quick repairs we systematically the underground leakages/ mean first we detect leakages by using scientific/systematic instruments i.e. metal locator, nonmetal pipe locator, acoustic leak detector etc.

vi. Now to know about the counter number of repaired leakage then we calculate the water losses/saved water to and know how we can control leakage in future.

5. **Evaluation**

   i. Now we collect the data about the results of repaired leakages that what is result or we achieved and control on water losses.

   ii. Now we compare the plan with the action/ that we have planned or the action is according to the plan or not.

1. Abdul Haleem Sub engineer WSSP
2. Waheed Gul Sub engineer WSSP
3. Abdul Qadir Sub engineer WASA Multan
4. Muhammad Mustafa SSE WASA Multan
5. Shehzad Malik M.C APE BWP

WASA Rawalpindi

1. Leakage detection cell will be consisting of 2 supervisor, 2 fitters and 6 helpers. Supervisor will provide material and lead the team.
2. Pipe lines will be traced by GIS maps.
3. With the help of Metal pipe locator and nonmetal pipe locator we will locate pipes.
4. Leak will be found by acoustic leak detector.

Basic Survey

1. We will find that how many tube wells are in sub division and their flow will be measured by Ultrasonic flow meter.
2. We will also note the supply of water from the dam in our area. And will know total flow of tube well and dam in this manner.
3. We will divide the sub division into two blocks.
4. Age of pipes will also be determined.
5. Repair of pipe line will be done by the proper material as per leakage type using wooden cock, Gebault joint, flange clamp etc.

Plan

1. We have to eradicate the leak issue in our sub division.
2. We plan to do that in two years.

3. A target will be given to leakage teams in both blocks A &B to minimize the leaks in each sub area by deputing team comprising one supervisor, one fitter and 3 helpers.

Action/Implementation

1. Supervisor will be responsible to find the leak.
2. Reasons for leakages will be found and future planning will be done as per the causes of leakages (that either it is due to heavy traffic or digging activity or any other).
3. Ultrasonic flowmeter will be used to find the lost water.
4. Small leaks will be repaired quickly using wooden cock while large leaks will be repaired by replacing the pipe lines using gebault joint.

Evaluation

To bring our NRW % from 40 to 20.

Muhammad Irfan Tube well Inspector WASA Rawalpindi

Owais Liaqat Sub engineer WASA Rawalpindi

添付資料 4.60

2018 年春期研修「O&M of Sewer and Storm Water Drainage」で作成されたアクションプラン

Action Plan for Desilting of sewer lines & manholes/complaint readdressal (03-MONTHS)
(from March 01, 2018 to May 31, 2018)

Period (Date)	Manhole Desilted Trunk (No.)	Desilted Lateral (No.)	Length Desilted by Jetting Machine (ft.)	Length Desilted manually (ft.)	MH repair & replaced MH cover (No.)	Tracing of Buried MH (No.)	Expected Complaint to be received (No.)	Attended (No.)	Pending (No.)	O&M of Machinery	How to check	Checked by SDO
1-10/03/2018	10	40	1800'	3900'	3	01	200	190	10	At work shop for repair & maintenance		
11-20/03/2018	8	35	1400'	3400'	5	–	215	210	05			
21-31/03/2018	9	45	1600'	4400'	6	01	190	188	02	31/03/18	Supervisor to check on daily basis site & monitor blockages are removed or proper measure	SDO every 15 days.
01-10/04/2018	11	35	2000'	3400'	5	02	172	165	07	"		
11-20/04/2018	8	30	1400'	2900'	2	–	166	163	03	"		
21-30/04/2018	10	40	1800'	3900'	10	01	153	153	–	30/04/18		
01-10/05/2018	9	35	1600'	3400'	5	00	130	124	06	"		
11-20/05/2018	8	36	1400'	3500'	6	01	126	124	02	"		
21-31/05/2018	9	40	1600'	3900'	8	02	102	102	–	31/05/18		

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Total length of lateral sewer : 10 km (328 M.H)
" " , Trunk sewer : 5 km (82# M.H)

Labor/Staff present for working : 30 No. (6 teams, 5#)
Persons to be deputed for PPE's checking : 05 No.
Desilting of M.H and sewer lines : 3 No. teams deputed
Daily complaints readdressal : 02 No.
Repairing/placing of M.H covers and Training the burried manholes : 01 No.

PPE's to be provided + tools ⇒ Goggles, gloves, helmet, safety shoes, non-absorbant dresses, safety belts, gas detectors. measuring tape, flag, traffic cones, warning taps, safety jackets, first aid box, presence of rescue team at site in case of any emergency, air blower, oxygen kit, face mask, ladder, bamboo stick
winch machine + jetting + suker machines + dumping trucks

⇒ Person deputed for PPE's checking will be sent on site at any time to check safe entry of sumerman into the M.H, whether he has followed all instructions to obey safety rules or not.

⇒ Training of labor personals to obey safety rules and how to wear PPE's will be conducted at the start of work.

Team Members:
Mudassir Shaukat
M. Qasim
Adil Afzal
Hafiza Fatima Zahra

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ACTION PLAN (July 2018 to June 2019)
(SEWERAGE) & (DISPOSAL)

Sr No.	What to Do	How To Do	When To Do	Who to Do		Do with what		CHECK DONE	WHO TO CHECK
	(S/Dim) O&M WORK	(SOP Ref.)	Frequency	Carried out by				How to CHECK	TO BE CHECKED BY
				Class of work	Worker	Materials	Tool/Equipment		
1.)	Purchase of PPE'S, M.H Covers 5 Dewatering Sets 1 Jetting & Sucker Bambos rods, tools, Equipments	During the month of july. When Budget is announced.	July 2018	Executive	Engineer.	10.20 Million fund Required		By Supervisor	Executive Engineer
2.)	Replacement of Damaged M.H Covers	Daily Survey report of Staff.	Immediate, when found missing or Broken. Complaint cell will Highlight	Sanitary	Staff	PPEs, Pick Axe + Covers		Supervisor	S/Dim/and officer
3.)	Blockages of Sewer lines 02-Nos (500 Rft + 500 Rft) 24" & 18"	Manual + Machines Mechanical	15-July to 22-July	Sanitary Staff with		PPEs + Gas Monitor will be used also Blower	Jetting Suckers + Bamboo Rods	Supervisor + Sub Engr checked by Lamp Test	S.D.O &
4.)	Desilting of Screening Chamber of DIS	Manual + Mechanical Method also Machines	Daily Basis Routine	Sanitary workers. Excavator Dragline Desilting Machines		Safety Belt Gloves Shoes Helmet Gas monitor	Bucket Kabbi Pick Axe	Supervisor Sub Engr	(S.D.O) (XEN office)
5.)	Desilting of wet well	Mechanical Machines manual labour.	July to Jan twice of Annual	Sanitary Staff Excavator with Clamp Bucket (Dragline)		Mask, Cones Gas Monitor Helmet. Gloves		Supervisor + Sub Engr	S.D.O (XEN office)

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					Gloves, Helmet.		
6-)	Repairing of Greasing, oiling, Repair	Greasing, oiling daily basis, Repairing of Machinery when required.	On Routine Checking Daily Basis	Mechincal Forman & (D & M) Staff	Greasing Cone, Grease, oil can	Mechical Supridentt, S	Sub Engineer, S.D.O.
7-)	Dewatring, attachment with wet well during monsoon	By Installing Dewatring set with wet well	In Monsoon (2018 July to 2018 Aug)	Saintory Staff	Dewatring Set Suction & Delivery Pipe, I.	Supervisor, Disposal Opretor	Sub Engineer S.D.O

M. Javaid Akhter
Asst Engineer

M. Ali Gulraiz
Sub-Engineer

Nabeel Ahmed
Sub-Engineer

Abdul Rehman
Sub Engineer

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DE-SILTING OF DRAIN

Sr No	O&M Task	SOP	Frequency	Class of work	Workers	Materials	Tools	Check	
	1) Desilting of 10KM Shalimar Escape channel located in AWT WASA LHR. → Section = 15'x8' → Total sludge volume = 27860m³ → e	1) Mechanical Excavation 2) Sludge volume calculation 3) Machinery availability	4 month desilting plan 10 h/day	Desilting	1) Excavator operator 2) Truck driver 3) Helper 4) Sanitary worker	1) Excavator 2) Dumpers 3 3) PPEs 4. Ranging Road. 5. Steel tap. 6. Distance meter	– Safety/Traffic safety cones – Warning Tape – Flag lamp – Helmet – Gloves – Safety shoes – jackets 4 – Measuring Tape 5 – Ranging Rod	1) Assistant supervisor 2) Supervisor 3) Sub-engineer. 4. ~~A.E~~	Subdivisional officer
1.	Dismantling of 10 km Shalimar Escape channel located in AWT WASA Lahore. Section of ~~Drain~~ chanel = 15x8' Total Depth of waste water = 4' Total depth of Sludge = 2' Total volume = 27860m³	1. Initial Survey 2. cheeking chanell After Embankment or Sufficent Place For Mechinery 3. Dumping Place. 4. Dumping Route.	→ 4 months Program → Disilting Program. → 10/~~Day~~ Hours each day 25 minutes For Each Dumper. 24 Packets Duping in Day. 3 Dumper 1 Excavator	Desilting	Excavator 2 Truck driver 6 Flagel man 2 Site Supervisor 1	–		Zafar Ullah Ashkar khan Syed Zulqarnain Mohd. Zohaib	Assistant Manager Assistant Manager Assistant Engineer SDO

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ACTION PLAN

Participants

1. Zafar Ullah
2. Askar Khan
3. Syed Zulqarnain
4. Muhammad Zuheib

Execution of Action Plan:

During the Execution the following point will be kept in mind.

1. Traffic Routing & HSEs Provision.

   - Place the Safety Cones to barricade the work zone.
   - Place the warning tape.
   - Assign duty to helper for traffic routing.
   - Provision of PPEs to the Staff.
   - Excavator Operator should be educate regarding working activity.
   - Excavator Operator should be educate regarding working activity.
   - Instruct the Supervising Staff for Implementation of HSEs.
   - Availability of First Aid kit.

2. Resources Availability:

   - To carried out the activity in smooth manner the following resources
   - Excavator 01 Nos.
   - Dump trucks 05 Nos.

3. Execution of work:

   During the Execution 5 Nos of dump trucks and 01 No. Excavator will work continuously for 10hrs/day.

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Desilting of sewerage system (sewer lines and manholes) of Nisar Town

Catchment Area = 10 Km^2

Total Length of sewer lines = 4 KM

9" Dia = 1800 m
12" " = 1200 m
18 " = 1000 m

Total Number of Man holes 267 (sqi 26)

S No	What to do O&M Task	Total No/Length	Man power			Machinery					Tool equiment		PPEs		Supervisory Staff		Days
			Sewer Supervisor	Sewer man	HSE Rep	Jetter	Sucker	Winch Machine	Tractor trolley	Loader							
1	Desilting of M. Holes	267 Nos	1	5	1						Wheel barrow	2 No	Gas monitor	1	Sub Engineer	1	39
											GI bucket	2 Nos	Gloves	10 pairs	SDO	1	
											Manila rop	2 Nos	Mask	20 Nos	XEN	1	
													Gas mask	2 No			
			Driver		4						26		RS Shoes	12 Nos			
			operator		3						hand shovel	1	Waders	5 No			
			helper		3						Pick	1	Goggles	2 Nos			
													Plugs	6 Nos			
													~~Suction~~ Air blower	2 Nos			
2	Desilting of Sewer lines	4000 m	Sewer Supervisor	Sewer man	HSE Rep						Wheel barrow	2	Safety harness with rope	2 Nos			90
			1	5	1	1	1	1	1	1	GI bucket	1					
											~~Manila~~						
											hand shovel	1					

Irfan ul Haq
M. Ahsan Adnan
Farhan Abbas
S/E M. Ahsan

M. Fiaz. WASA Multan

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Sr No	What To Do	How To Do	When To Do	Who To Do		Do with What		Check Done	Who To Check
				Carried out By		materials	Tools Equip	How To Check	To be Checked By
	Define (occm) Task	follow SoP Ref #	Frevency	class of worker	worker				
1.	Desilting of Sewer 18"Q = 140 " 24"Q = 80 " 30"Q = 60 280 Total No. of manholes = 280.	First of all we have to check any presence of any of the harmful Gases present with the help of Gas monitor. If Gas is present then by the help of Sucker machine or Gas blower we have to remove Gases. once Gases are removed then we can lower one Severman Staff with Constant Gas monitoring. Severman going doing in manhole must wear following PPE's. i) Helmet. ii) Safety harness. iii) Goggles. iv) Life Line. v) Long Shoes. vi) Gloves. vii) full body Cover up. We will also Cordon off extend also i.e road to avoid any incident with the help of cones, warning tapes and flagsetc.	Depends upon flow and volume of Sewage flowing through line Usually in lahore it may take 2-3 times for proper and fully closing of Silt Gradually decreasing dia wise i.e 30" first. 24" 2nd 18" 3rd.	Sanitation worker Supervisor Time frame required for Task to be Completed 20 workers will be required to Complete the task. 30"Q manholes will be desilted every night = 5 No.s 24"Q " " " every night = 5 No.s 18"Q " " " " = 6 No.s		~~Materials~~ ~~tools~~ required for desilting are as follow. i) Rope ii) Bucket. iii) Torches. iv) Pick axe. v) Spade. Tools required are as follow. i) Gas monitor. ii) Sucker or Dewatering engine if required iii) Helmets. iv) Harness. v) Life Line. vi) long Shoes. vii) Goggles. viii) Gloves.		We will check by Sludge Calculation. After checking we found that 4' depth silt is present in 30"Q. line, 3' depth silt in 24"Q and 2' depth in 18"Q line Calculations are as following. 30"Q = $60 \times \pi r^2 \times 4 \times 2$ = 9420 cft. 24"Q = $80 \times \pi r^2 \times 3 \times 2$ = 6028 ft^3. 18"Q = $140 \times \pi r^2 \times 2 \times 2$ = 2033 ft^3. Total = 22481 ft^2.	Supervisor and Sub-Engineer in charge will time to time check the working of desilting.

XEN WASA Lahore (i) Mr. Hafiz Ghufran Sadiq Shb

Sub Engineer WASA Lahore (ii) Mr. Hafiz Naif Khalid Shb.

Subengineer WASA Lahore (iii) Mr. Tausef Zahid Shb.

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添付資料 4.61

2018 年春期研修「O&M of Electrical Equipment」で作成されたアクションプラン

17

ALJAZARI ACADEMY

Action Plan

Name of Participant: Muhammad Waseem Malik Date of Training: 30-03-18

Name of Organization: WASA Lahore

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

In most of our Installation our available staff is Non-Technical. Therefore they can't able deal in Emergency operation/situation. Moreover they work by traditional system. Never bother to carry out operation beyond routines. Reason is that they are not guided/Trained or such data is not available at such vicinities. So After this Training I would like to trained them by my own, how to Lookafter the Electric system/Panel, what are the precaution, how they ensure the safety of themselves and system.

~~Generator~~

I will motivate them to think beyond their routine work/job, that how they can useful for their organization.

From my side I will provide Record keeping Performa at site, so that anybody can consult it and get knowledge/information that how much time this was breakdowned and what components were repaired/replaced

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

Daily operation records of Panel & Generators are available on each Installation, but operator cannot familiar with them or they are outdated. I will improve them as much as possible.

Preventive maintenence is not in practice in most of our Installation, so i will try to implement such practice within available resources.

such practices are carrying out in most of the Installion, but those are not streamlined, so i streamlined such practices to make it more effective.

2. Please share the problems or issues you are facing with in your sites and organizations

⇒ Staff is Non Technical or they never have such Training so that they work efficiently

⇒ Staff is not motivated

⇒ They have Political affiliation, so they never bother to take interest

⇒ There is no system to Encourage and motivation from high side.

⇒ Public relevent Complain are in huge amount/quantity, so to take time for improvement of such system is much difficult.

3. Other Comments or Notes:

⇒ Shortage of staff is an important factor, due to that staff is demotivated by working Load/Pressure.

⇒ Safety equipment are in Less quantity or Not a Commen Practice. so staff is hesitate to work in abnormal Condition.

⇒ Financial constraints are important also, because improvement of a system within available resources is Possible at some Extent, but most of improvement requires Financial aids.

ALJAZARI ACADEMY

(15)

Action Plan

Name of Participant: Riaz Elahi Date of Training: 30/3/14

Name of Organization: WASA LAHORE

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

① check the panel part.
② All the panel part in order.
③ Check the wire loosing
④ Check the Cleanness part
⑤ Check the wire Connection.

Generator

① check the Battery water level.
② Check the Cooling water.
③ Check the leakage of oil.
④ Check the Cleanness of generator.
⑤ Check the wire Connection.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations   ① Lack of Training.
3.Other Comments or Notes:

ALJAZARI ACADEMY

(16)

Action Plan

Name of Participant: AREEZ IRFAN Date of Training: 30/3/18

Name of Organization: WASA LHR.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

I will make sure that there are no holes or intrusion path in panels, Proper insulations, no bypass wires, CTs are working and showing current values, similarly for Voltmeters, and Panel is correctly labeled. No loose wires.

Generator

I will make sure that it filter are always replaced on time, I will make a chart to update the replacements, Oil filters replacements, air filter replacements, proper education for the operator for its use, Battery water level should be checked on daily basis.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

- Labour has lack of relevant knowledge.
- Labour doesnot know about the preventive measures.
- Lack of precautionary equipments.
- Diesel from source petrol pumps are not pure.
- Lack of Training.

3.Other Comments or Notes:

→ Preventive maintenance plan to avoid sudden breakdown and substitute

ALJAZARI ACADEMY

(20)

Action Plan

Name of Participant: Mamoona Date of Training: 30/3/18

Name of Organization: WASA LAHORE.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel — Electrical Panel Activity:

* Visual inspection Record Performa can be provided about Electrical panel. (Not practiced by Energy audit team).
* Provide (O&M) manual / user Manual of each energy audit equipment to Sub-engineers
* Give training of how to use each equipment as well as about safety measure Necessary to keep in mind at site.
* Provide proper Safety wear to all field Staff
* Give instructions to don't avoid bypass the relay equipment.

Generator

* preventive maintinace plan can be made through ~~Electric~~ Data.
* Give instructions that if generator is available on site then (~~energy audit~~ Perform) check visually and well as perform some tests to check the condition of Generator as well as battery.
* Report of generator condition to concerned person.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

→ Perform device inspection Activity on sites and if their is going wrong report the concerned person to rectify fault

2. Please share the problems or issues you are facing with in your sites and organizations.

* No proper maintenance / awareness of T/W operator about safety.
* insufficant Resource. / No proper check and balance of things.
* lack of staff
* Motivation / Appreciation is low

3. Other Comments or Notes:

→ Preventive Maintinance plan can be made and followed to avoid big financial and equipment lose.

→ Provide excel sheet to whole wasa tubewell operators to maintaine daily operation Record.

(18)

ALJAZARI ACADEMY

Action Plan

Name of Participant: AAMIR TUFAIL. Date of Training: 30-03-2018.

Name of Organization: WASA LAHORE.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

ABOUT Repair & maintenance of Electrical Equipment Like Electric Pannal which is most Common & important thing in WASA to operate Electic Devices or motors. In this training I have learnt so many things about Pannal like testing Replacement of Parts in Panal, how to save our machines. with the help of Pannal & Its Control system. In Preiorty basis I will emplement & share this Knowledge with my Electrition & operators & officers. & will maintain & installation under my Responsibility & others.

Generator

Generator is main & Common ~~pan~~ machine which is used to operate Electric equipment like Tubewell & Disposals motors Commonly in WASA. It is alternative source of WAPDA to operate our machine our motor, so that Its maintenace ~~must be~~ is my Responsibility at time. So that Generators work efficiently. Which thing I learnt to maintain the generator mobilail filters clean Air filter. Battery charging..... Every. check & balance I will implement my all instalations in future.

➡ *Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".*

2. Please share the problems or issues you are facing with in your sites and organizations

1- main thing or Problem is this that when we want to Apply. 5-S or continues to work for Record keeping or maintaing machines schedules. Department ~~or~~ will transfer us any other Place. due to unnecessory reasons so that we cant apply. the knowledge to instalations for Good name of WASA.

2- Approval Problems from high UPS.

3- ~~to~~ Non availablity of funds.

4- ~~tx~~

3.Other Comments or Notes:

Training should must be inhaunced. for Every electrition, sub Engineer SDO, XEN, on lot condition to do work in WASA. to maintain. our instalations like motor, Pannals Pump, Generats or any other. Equipment use in WASA for facilitate the Public. & to Save from financial losses due to un trained operators & high UPS training is most important for all officials for Good name of Department. & then Public facility.

ALJAZARI ACADEMY

(14)

Action Plan

Name of Participant: Mario Khalid Date of Training: 30th March 2018

Name of Organization: WASA LHR

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

SITE FUTURE TREATMENT PLANTS AT BABU SABU, MEHMOOD BOOTI, SHADBAGH & SHADRA

- make a list of daily, weekly, yearly tasks for maintenance of machines present at the plant. (MAINTAIN A LOG SHEET)
- Provide flow charts to operators for different machines/devices present at sites

Generator

- Ensure safety of workers at site by providing them with safety kits (like face masks)
- weekly inspection of site to ensure proper/working efficient
- Ensure presence of manuals of devices at site & make its summary
- make sure that ~~emergency~~ emergency contact numbers are available to every one in case of any emergency.

➡ *Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".*

2. Please share the problems or issues you are facing with in your sites and organizations

- ~~The process of~~
- The problems with our organization are:
  1. Lengthy steps to achieve/setup anything. (It might take years for one thing to complete).
  2. There are no deadlines for anything (dates can be altered as required).
  3. No proper log books maintained.
  4. No one takes responsibility for any action, instead blame their mistakes on others.

3. Other Comments or Notes:

- All the documents are not properly kept or maintained. It is quite difficult to find a particular case file and its history.

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ALJAZARI ACADEMY

Action Plan

Name of Participant: FATIMA ELMAN Date of Training: 30th March-2018

Name of Organization: (Hydrology Directorate) IR/ASA LHR

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

Previously I have no idea or Know How about the Electrical panel and its working. Through this Training I gain Basic Knowlegde about the Components and assembly of electric panel and usage/working of different equipments like clampmeter and power analyzer. I have learnt about the Energy audit and its importance for organization. Through Record Keeping and maintainance, I learnt about its importance on the long run.

Generator

I have never seen the components and working mechanism of generator before. Through this Training, I gain the Knowlege about Generator in detail and it provided me the opportunity of hand-on working on Generator at site. Practical demonstration of everything is a huge source of learning here. Record keeping and regular maintainance of generator are some basic thing I learnt through this Training.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

→ Record Keeping is not propey.
→ Data is in very random form. There is not implementation of "5 S" Concept
→ No proper Care is taken related to health and safety at working site.

3. Other Comments or Notes:

I try my Best to trafer the knowledge I gain through this training, to my coordinates and tubewell's observers/operators so that when they came across or go on site, they implement all the necessary pratices there for the best interest of Organization and workers. I will ensure the pratice of "5 S" and Record Keeping at my office and Keep check and balance on the record that Observers bring from Tubewells.

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ALJAZARI ACADEMY

Action Plan

Name of Participant: TARIQ JAMIL Date of Training: 30/3/18

Name of Organization: WASA LHR.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

① method for trouble shooting the electrical Faults

② Pasting standard operating Procedures for operators.

③ Keeping record of components datasheets

④ Installation of power factor correction devices for T/wells and disposals motors

⑤ Installation of fire extinguisher at Electrical Installations

Generator

① Pasting Standard operating Procedure for operators

② Trouble shooting the electrical/mechanical Faults methods using O&M manual & Templates

③ maintence of mechanical parts like Radiator, Battery etc Periodically.

④ Installation of sheds over Generators to Prevent from corrosion due to Rain.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

① NO Allocation of funds easily for buying Tools.
② Lack of trained workers/Unskilled staff
③ Shortage of staff

3.Other Comments or Notes:

① Will try my best to train staff (S/E & Operator) for what I learnt during training.

(11)

ALJAZARI

Action Plan

Name of Participant: Ammar Arshad Date of Training: 30-3-2018

Name of Organization: WASA, Lahore

I. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

1) During the energy audit of Tubewells, timer of under voltage / over voltage if not set right will be adjusted as per the standards.

2) If any of the protection devices are bypassed (observed during energy audit), proper wiring should be done and faulty equipment will be replaced.

3) PF improvement panels (Installation of capacitors).

Generator

1) Cleaning of Air filter regularly.

2) Ensuring ~~that~~ the fuel level is not minimal, to avoid air locking of the generator.

➡ *Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".*

2. Please share the problems or issues you are facing with in your sites and organizations

1) Proper coordination from the operational SDOs for providing the equipment to be replaced if anything is by-passed.

2) Approval from the higher authorities for the installation of PF improvement panels.

3. Other Comments or Notes:

ALJAZARI ACADEMY

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Action Plan

Name of Participant: Samad Waheed Date of Training: 27/3/18

Name of Organization: WASA Gujranwala

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

→ Complete testing & commissioning of MCU.
→ Insulation testing of panels & motor.
→ Earth testing and using of apparatus.
→ Usage of power analyzer.
→ I can test the panel and motor of new installation.
→ Complete inspection of electrical installations with the help of apparatus.

Generator

→ Maintenace of generator parts are easy after training.
→ Complete knowledge of all the parts like battery, alternator, engine, radiator & gauges.
→ Record keeping for the maintenance of generator and usage of manual for all types of maintenance.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

→ Lack of staff for O & M.

→ Apparatus for the testing/ inspection of the electrical installation.

→ Access for the preventive maintenance.

→ Reporting of operators in problem or in shutdown.

→ Lack of record keeping.

3. Other Comments or Notes:

→ Energy Audit is very knowledgeable process in reduction of bills.

→ Description of formulae may be mentioned/ teached for energy audit.

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ALJAZARI ACADEMY

Action Plan

Name of Participant: Ahmad Gill Date of Training: 30-03-2018

Name of Organization: WASA Faisalabad

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

* Inspection of control Panel (internal and External Side)
- MCU Components check by using continuity / Insulation Meter
- If any component not in working, replace it
- Check Rg connections
- Cleaning of control Panels.
- Training of Subordinates (Electrician, Mechanic, helper)
- If any fault occur, ~~[illegible]~~ Resolved it by using P.P.E any Electrical Meters.
- MCU + Cables + Earthing check • Record keeping (check lists) – Daily, Monthly, Weekly, Yearly

Generator

- Cleaning of Body
- Oil check by Gage
- Coolant check
- Fan Belt check
- Battery Electrolite check
- Separator + Air filter cleaning
- Battery charger check
- Gen. Control Panel check + ~~Equipments~~ Component of Control Panel
- Gen position check
- Record keeping (daily, weekly, Monthly yearly check lists)

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

- Make Maintenance Plan.

2. Please share the problems or issues you are facing with in your sites and organizations

- Unavailability of Equipments
- Lake of staff (Electricians, operators, Drivers)
- Lake of Resources
- Transfers
- Unavailability of budget
- Political Interference
-

3. Other Comments or Notes:

The Major things knowledge that I got through this Training is

* 5S
* H.S.E / PPE

My Responsibilities in WASA Faisalabad is Store incharge and Vehicles incharge.

My maintain Store material by Tagging the Name of material in separate areas.

- Also generate vehicle record check lists by using the 5S.
- Also I got knowledge about PPE

ALJAZARI ACADEMY

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Action Plan

Name of Participant: Farooq Ahmad Date of Training: 26/3/2018 to 31/3/2018

Name of Organization: WASA Faisalabad

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

* I labling the electric panels, switches, etc.
* I will improve record keeping of electric panels and motors.
* I also visual inspection on all Tubewells and carried out tests.
* I brief to my lower staff against this training.

Generator

* Generator is basic thing in WASA. it is necessary to keep the generator in order always. for this purpose I plan schedule maintenance of generator.
* I trained the operators for about operation of generator and its routine maintenance.
* A visual inspection I also carried out. and maintain it.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

Many basic problems that we facing in which most important thing that is training about his field, field work, billing issues, etc.

We have not trained about his duty. We dont inform about basic rules of WASA.

Training must be conducte WASA in own level for every employees.

3.Other Comments or Notes:

(15)

ALJAZARI ACADEMY

Action Plan

Name of Participant: Sadeer Ahmad ABBASI Date of Training: 30-03-2018

Name of Organization: WASA Rawalpindi

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

its basically a pannel box which Receive Electric supply for one or more source and distribute it over the system through protection.

(i) visual Inspection.
(ii) cleaness.
(iii) voltage slector switch
Isolation from the supply and Take following (Tests)

(1) Power anaylizer (2) clamp on meter (3) Earthing Test (4) Insulation Test.

Generator

when I come to my site I have do following things in my site.

(i) visual checks. (1) cleaness (2) leakages (3) Air filter (4) oil filter (5) coolant level (6) Battery electrolyte level (7) belt (8) oil level (9) fuel level. This is Basic thing that I ~~we~~ told my operator to check daily at sites.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

Electrical Pannel.

~~(i) Isolation from the supply.~~

(2) I will labeling all jurification Tubewell.

(3) I will Improved Record keeping in my sites.

(4) I will visual checks all the Tubewell.

(5) I will brief my lower staff about this Training.

If where in a site Take some basic ~~Information~~ checks.

(i) Visual check (2) cleaness (3) voltage Amp electrical switches.

Some Test.

(i) Isolation from the supply.

(1) I am learing how to use power anaylizer. power anaylize is use to voltage Ampere, Resistance power factor. Reading

(2) I also perform Earthing Tests. in this case the Green wire connect to the neutral other Two in Ground.

(3) we also use Insolation Tester. its use to cable Insolation or pannel Insolation Test.

(4) Clamp on meter is used for voltage current & Resistance of only one phase.

P ← power analyzer

V

I clamp on meter

P.F.

V.I Earthing meter

Insulation meter

2. Please share the problems or issues you are facing with in your sites and organizations

(1) The Basic problem is that the Instaation are not properly Trained staff. (2) The operator at the site are not educated. (3) These Training NASAS be conduct in his offices and Trained the operators.

3. Other Comments or Notes:

Generator.

Generator is Basic Thing's on NASAS. It is necessary to Keep The Generator in order always. Purpose I plan seedule maintinance of generator. I Trained the my operator for operating generator and its Routane maintinance. A visit Inspection I also conned out and maintane it.

(13)

ALJAZARI ACADEMY

Action Plan

Name of Participant: M. Mustafa Senior Sub Engineer Date of Training: 30-3-18

Name of Organization: Wasa Meltar

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel: Electric Panel is most necessary equipment for smooth working in wasa facilities for water Supply system and disposal works. In this regard daily inspect the electric Panel such as Main distrib. electrical wiring, Thimbles, cut in Joints, complete. If Power is off then operator asked to change the changeover switch.

Generator: Generator is than used when electric power is off. For start of Generator the battery is in good condition, For cooling system of Generator is by Radiator and Air cleaner is in well condition. Lubrication system is done by Lift Pump, oil Filter and Turbocharger. Fuel System is by Diesel oil, oil Pumped Diesel filter. All these system is good condition by in time inspection, maintenance, and safety measures adopted.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations
3.Other Comments or Notes:

ALJAZARI ACADEMY

(13)

Action Plan

Name of Participant: Said Ullah Date of Training: 30-3-2018

Name of Organization: WASA MULTAN

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

Electrical panal is most necessary equipment for smooth working in wasa function for water supply and disposal station. In this regard daily inspect the electrical panels.
Such as main switch power off the operator starting the work. and changed are switches and other problems.

Generator

The Generator is them needed when electrical Power is off. First starting of generator the battery is an good Condition. and Lubracation system and fual system and Air cooling and ~~Air~~ air exating system and there are these condition is good Condition by in time inspection.

➡ *Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".*

2. Please share the problems or issues you are facing with in your sites and organizations
3.Other Comments or Notes:

ALJAZARI ACADEMY

Action Plan

(16)

Name of Participant: Syed Ali Raza. Date of Training: 30-3-2018

Name of Organization: Municipal Committee, Ahmed Pur East District Bahawalpur.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

Action Plan

i) Visual Inspection of Indicator
ii) Cleaness iii) Inspection of Supply

Test

Earthy Testing → Earth Tester
Resistance Test
Voltage Test
Amp test
P.F frequency
V, I

Power analyze
VI Champ on meter

Generator

1. Visual Inspection of Generator
2- Cleaness of Generator.
3- Inspection of oil Fule
4- Leakag of wall and oil Pimps
5- Voltag current and Power Factor, check Through Power Analyzer, V, and I, R, Through Champon meter

Radiator Check, water disel Separator, air cleaner, air Filter, Cooling level, belt check, Batter Power, etc.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

Ali Raza

2. Please share the problems or issues you are facing with in your sites and organizations

First of all we are facing many Problems in my organization number one, Staff unskilled Then are not understand 3 Phase Matchiness How can used, Secnd Government not Provid Training Program in This regard, How can used 3-Phase Equipment, 3rd, Government not Allowed to ~~Requi~~ Appointed any Passons, We are manage to used Matchen unskilled Persons, This cause ~~mafuns~~ unfunction matchen and Generator, Tubewell etc.

3. Other Comments or Notes:

I Thanks for Alfazale Academy members and Staff and Principal They Provided me and my departments to training Program, because 3-Phase ~~phy~~ knolege is very week in This Regard before Training Now I Skilled after Training Program
I Request Than Please Provided used Trainings

(13)

ALJAZARI ACADEMY

Action Plan

Name of Participant: MEHMOD IQBAL Date of Training: 30/3/2018

Name of Organization: MC Ahmad Res East. Dist Rahimyar Khan.

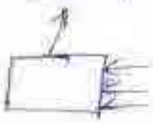
1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel we visit the site and check the Electric Panle with operator.

i - visual inspection of indicator ii) cleanlen

iii) isolation from supply.

Earthing Test → Earth Tester.



Resistance Test · Voltage - Ampire

Power Factor. Frequency check (Analyzer) (Tester)

Generator Voltage Amper Check (Clamon Meter)

Insulation Test (Insolation meter)

Generator.

we visit the site with operator and check the Generator.

i. visual check

cleanness

leakage.

Fule level.

oil level.

- ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

Batty Electrolite (water check)
Coolent level. & radiator check.
Water disel separator.
air cleaner. air filter check all
these Then Strat the Generator.

MEHMOOD @ 9QBAL

2. Please share the problems or issues you are facing with in your sites and organizations

1. our staff non Technical Person.
2. we try to check the system and change Filter all Generator and Electric Motor. but of all we disturbed of Chinese organization to help me to try the work

3.Other Comments or Notes:

we suggested ALJAZARI ACADEMY to assign of the training operation and maintenance (O&M) of electrical equipment. Comfort and thank full.

(16)

ALJAZARI ACADEMY

Action Plan

Name of Participant: SHAHRYAR ALI KHAN Date of Training: 30/03/2018

Name of Organization: WSSP

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance", Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

I will rearrange the components of all the MCCs properly. The major components of the MCCs which are not working or missing will be my priority to fix or install. Preventive maintenance will also be included.

Generator

In WSSP there are no generators at tubewell sites, but I have learnt the operation & maintenance procedure of generator & will apply if the facility is provided.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

2. Please share the problems or issues you are facing with in your sites and organizations

1. voltage fluctuation
2. Senior operators with less knowledge.
3. Delay in approval process from highups.

3. Other Comments or Notes:

The course was very helpful & have learnt many things regarding the operation & maintenance of Control panels & Diesel generators.

ALJAZARI ACADEMY

(16)

Action Plan

Name of Participant: FARRUKH ZEB Date of Training: 30-3-2018

Name of Organization: WSSP

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance". Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

I will rearrange the components of all the MCUs properly. The components like circuit breaker and relays which are mostly not working ~~are~~ or missing, will be my top priority to Fix/install in all the MCUs of tubewell. Preventive measures like insulation of wires and ~~keep~~ cleaning and covering of MCUs will also be included in my action plan. And lastly will try to arrange different testing equipments for smooth operation.

Generator

In WSSP there are no generators installed at sites. But learning the different components of generators and their cleaning is a huge knowledge.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

FARRUKH ZEB.

2. Please share the problems or issues you are facing with in your sites and organizations

① Operators of old age.

② Approval from high ups

Approval of different testing equipments.

③ Voltage fluctuation.

3. Other Comments or Notes:

The course was very helpful.
Please also include voltage Regulators in the course. Also something related to electricity bills and meters other than energy audit.
If included in the course, that every one is assigned with a task to take reading using the equipments by him/her self, will be very helpful. Cleaning the generator was a step towards it.

ALJAZARI ACADEMY

(19)

Action Plan

Name of Participant: Jahan Zaib Khan Date of Training: 30 March, 2018

Name of Organization: WSSC Kohat.

1. Please focus on and list up the any actions you can actually apply at your sites. It should NOT be like just saying "SOP" "Preventive Maintenance". Please write down the possible actions as detail as possible such as including device name.

Electrical Panel

- Training of field supervisor.

Visual inspection:

- Replacement of MCU if most of equipments are unavailable
- Replacement of malfunctioning equipment or burnt equipments
- Out side condition: Check for Digital voltmeter, Name plate, Digital Ammeter, lock, selector switch, indicator lamps, Warning signs

Inside condition:

Availability of: Current transformer, Circuit breaker, magnetic contactor thermal/over load relay, MCBs, ~~Magnetic~~ U/O voltage relays etc.

- Analysis & Testing through insulation resistance tester, Power Analyzer, Digital multitype clampmeter.
- Record keeping, Manual availability, PPE availability, first Aid kit availability

Generator

- Installation of barrier/fencing and Covering
- Providing proper conduting for electric cables
- Daily check record keeping for fuel, oil, coolant, electrolyte, cleanliness, rubber belts, water diesel separator, air filter.
- Ensure availability of manufacturer manual.
- Identifing the deteriorated parts, any leakage etc.
- Replacement of any equipment with the same model.
- Change of oil filter, fuel filter after the specified period of manufacturer
- Warning signs availability
- Availibility of PPE and first Aid ket.

➡ ***Please choose some prioritized actions from the list above and put them into the attached format "OJT Implementation Procedure".***

Jahan Zaib Khan

2. Please share the problems or issues you are facing with in your sites and organizations

- Unavailibility of Technicians.
- Unavailibility of testing equipments.
- Unavailibility of budget for purchasing the testing equipments e.g. flow meter, power analyzer etc.

3. Other Comments or Notes:

- The training was quite beneficial for enhancing ~~and~~ my technical & managerial skills as it was much relevent to my assign responsibilities.
- I will convey to my superisor all the technical skills that I learnt here.
- The training will bring much improvement in existing working environment & in the long run in future.

添付資料 4.62

2018 年春期研修「O&M of Mechanical Equipment」で作成されたアクションプラン

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Mohsin Javed

Name of Organization: WASA Lahore

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1. I will adopt Safety Precautionary Measures in Break Down/ Maintenance Staff.
2. I will maintain machines/Equipment log for maintenance purpose.
3. I will adopt in my system 5S.
4. I will follow all necessary S.O.Ps

Please identify a site (in your organization) to implement the above training concepts.

Site: New Choomala

Please provide a date by which you will implement the above trainings concepts.

Date: 25-04-2018

Person Responsible (Your Name): Mohsin Javed.

Other Comments or Notes:

These training sessions are very necessary to enhance person capabilities/skills.

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Qasim Tariq.

Name of Organization: ALJAZARI / WASA Lahore.

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1- implement of 5S in office.
2- To check Frequently working condition of vehicles
3- Repare small parts of vehicles to Prevent them from majour breakdown
4- Use Proper Equipments for different operations

Please identify a site (in your organization) to implement the above training concepts.

Site: Drainage Ravi Town.

Please provide a date by which you will implement the above trainings concepts.

Date: 25 April 2018.

Person Responsible (Your Name):

Qasim Tariq

Other Comments or Notes:

This kind of Training should be held for lower staff i.e Pump Operator & Breakdown staff

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: WAQAS LIAQAT.

Name of Organization: WASA LDA.

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1. Placing of Safety Instructions on all installations.
2. Placing of Check List on all installations.
3. making of Preventive maintenance Schedule and approve from higher authority.
4. Placing of SOPs on all installations.
5. Conducting of necessary trainings of all operators.

Please identify a site (in your organization) to implement the above training concepts.

Site: Any one Subdivision.

Please provide a date by which <u>you will</u> implement the above trainings concepts.

Date: 2 months.

Person Responsible (Your Name):

Waqas Liaqat.

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: FATIMA EIMAN

Name of Organization: WASA LHR

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

⇒ In my capacity, I will ensure effective implementation of 5S concept both in term of data in soft form and other material in my office.

⇒ I will implement Record Keeping measurement and Ensure the implementation of HSE.

Please identify a site (in your organization) to implement the above training concepts.

Site: Hydrology Directorate outfall office WASA LHR.

Please provide a date by which you will implement the above trainings concepts.

Date: 13-5-18

Person Responsible (Your Name):

FATIMA EIMAN.

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: AAMIR TUFAIL.

Name of Organization: WASA, LAHORE.

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1. Safety measures introduce at all Instalations in Ichhra Sub Division.
2. instruct: to operators for maintain Record of operation of Machines.
3. will Maintain all Machines or vehicles working in Ichhra Sub Division
4. Lights, Paints & wheres necessary Requirement Provides.
5. over hauling Pumps installed at D/S or T/W.S which need to Repair

Please identify a site (in your organization) to implement the above training concepts.

Site: RASOOL PARK DISPOSAL STATION

Please provide a date by which you will implement the above trainings concepts.

Date: 30-04-2018

Person Responsible (Your Name):

AAMIR TUFAIL (Sub-Engineer) (SDO, XEN, DIRECTOR) A.I. TOWN.

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: M. Waqas Younas.

Name of Organization: WASA Lahore.

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1). Internal employee gain Provide the safety gard.

2). Gujjar Pura subdivision all of Tubewell Mantenance Shedule.

3). To Provide the Tubewell equipment.

4). sewerage system to work at S/W safety gard.

Please identify a site (in your organization) to implement the above training concepts.

Site: Valves from Tubwell.

Please provide a date by which you will implement the above trainings concepts.

Date: 30-04-2018

Person Responsible (Your Name): -

M. Waqas Younas. XEM(O&M)-II Div(O&M)-I Shalamar Town LHR.

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Umar Farooq

Name of Organization: WASA Lahore

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

(i) First of all we will make proper shedule ~~of~~ proper maintenance of mechanical equipment in my Area.
(ii) I will make ensure the safety precaustion for my staff

Please identify a site (in your organization) to implement the above training concepts.

Site: Mozang Sub Division WASA (LDA) Lahore

Please provide a date by which you will implement the above trainings concepts.

Date: 30 ~~30~~ April 2018

Person Responsible (Your Name):

Umar Farooq

Other Comments or Notes:

Please sir, tells the maintenance importance to our high ups that they make proper shedule for maintenance for all over the agency.

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Rehman Ali Zia

Name of Organization: WASA, LDA, LAHORE

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1-) We/g will introduce personal ~~preventive~~ protective Equipment-
2-) We/g will adopt safety precaution Messures in Break/down Maintenance staff
3) we/g will adopt my system
4-) we/g will maintain machine
5) we/g will implement record keeping

Please identify a site (in your organization) to implement the above training concepts.

Site: Raheem Road Tubewell

Please provide a date by which you will implement the above trainings concepts.

Date: 24/4/2018

Person Responsible (Your Name):

Rehman Ali

Other Comments or Notes:

These trainings is very necessary to upgrade the skills.

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Muhammad Salman Ahmad

Name of Organization: WASA Gujranwala

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1) I shall make sure that all the sewermen wear their proper overalls.
2) I shall ensure the proper Maintainance of All the tws under my command. and will start from one tubewell. Which will have proper Markings, operation Procedure etc.

Please identify a site (in your organization) to implement the above training concepts.

Site: All tubewells in PC zone Gujranwala

Please provide a date by which you will implement the above trainings concepts.

Date: 30-6-18

Person Responsible (Your Name):

Muhammad Salman Ahmad.

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Hafiz M. Awais Jamal

Name of Organization: WASA FSD

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

→ Use of Standarized Spare parts in maintainance of Mechanical equipments.

→ Proper Record Keeping in Excel form Instead of Manual booklet.

→ Ensuring safe working practices, ie wearing proper PPE's during Maintenance works or other hard operations.

→ Implementation of 5-S technique at work place.

Please identify a site (in your organization) to implement the above training concepts.

Site: Water Treatment Plant (10 MGD) Samundri Road, Faisalabad.

Please provide a date by which you will implement the above trainings concepts.

Date: Continuous process, but may be started to implement by 1-month

Person Responsible (Your Name):

Hafiz M. Awais Jamal

Other Comments or Notes:

NIL.

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Zohaib Aftab

Name of Organization: WASA Rawalpindi

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1) I will make sure proper dozing of chlorine.
2) I will try to implement preventive maintance based on SOP.

Please identify a site (in your organization) to implement the above training concepts.

Site: Khayban-e-Sirsyed

Please provide a date by which you will implement the above trainings concepts.

Date: 1st June, 2018

Person Responsible (Your Name):

Zohaib Aftab

Other Comments or Notes:

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Noshad Aslam

Name of Organization: WASA Rawalpindi

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

① I have intention to improve and adopt to 5S action by site office.

Please identify a site (in your organization) to implement the above training concepts.

Site: Water Supply Complaint office Faroog-e-Azam road

Please provide a date by which you will implement the above trainings concepts.

Date: one month

Person Responsible (Your Name): Noshad S/E W/S

Other Comments or Notes:

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Basharat Ali

Name of Organization: WASA Multan

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

1- I will use 5S in my store room of maintenance accesories

2- I will do preventive maintenance & check out of heavy vehicles on daily basis by inspection round walk.

4 - I will make sure of records keeping.

3- I will sort out my records having cupboard according to 5S & HSE.

Please identify a site (in your organization) to implement the above training concepts.

Site: Gulgasht sewerage division north office.

Please provide a date by which you will implement the above trainings concepts.

Date: April 23, 2018

Person Responsible (Your Name): Basharat Ali

Other Comments or Notes:

HES & 5S is very important exercise in our daily life & objectives to get out aims properly & healthy.

I realize it so much after this training

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Shazad. Malik

Name of Organization: MC . APE . BWP

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

(1) سب سے پہلے کچھ دن کے اندر میں اپنے اسٹاف میں سیفٹی کو ضروری بناؤں گا
(2) اور ورکرز کو اپنی مشینری جیسے اور مکسر مشین کی پیشہ ورانہ مینٹیننس کے بارے بتاؤں گا
(3) میرے علاقے میں کافی سیوریج لائن ہیں ان کے پمپ اور موٹرز کی مینٹیننس کی صورتحال کو بہتر بناؤں گا۔
(4) اور آفیسرز کو مشن کروں گا کہ یہ سب کام جو میں کرنا چاہتا ہوں ان کی کوئی ریکارڈ کیپنگ بھی ہو۔

Please identify a site (in your organization) to implement the above training concepts.

Site: MC. APE. BWP

Please provide a date by which <u>you will</u> implement the above trainings concepts.

Date: 15-05-18

Person Responsible (Your Name):

Shahzad. Malik

Other Comments or Notes:

میں امید کرتا ہوں کہ میرے افسران بالا اس تبدیلی کے لیے مجھ سے تعاون کریں گے۔ شکریہ

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment	Date of Training: April 9 - April 13th, 2018
Name of Participant: Syed Ali RAZA	
Name of Organization: MC, APE, BWP	

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

سب سے پہلے HSE پر کام کروں گا۔

① HSE کے حوالے سے اپنے ادارے میں ورکر کو HSE سے متعلق ہدایات فراہم کروں گا۔
جس سے ورکر کی پلانٹ ایریا کو تحفظ حاصل ہو۔

② HSE کی ٹریننگ سے ورکر کو اپنی پلانٹ کے ساتھ ساتھ کام کرنے میں بھی دلچسپی پیدا ہوگی
جو پلانٹ کے حوالے سے First Aid دینے کے لیے انکو بنیادی ٹریننگ دی جا سکے۔

Please identify a site (in your organization) to implement the above training concepts.

Site: MC, APE, BWP

Please provide a date by which <u>you will</u> implement the above trainings concepts.

Date: 25-4-2018

Person Responsible (Your Name): Syed ALI RAZA

Other Comments or Notes:

سب سے پہلے میں ٹریننگ کے بارے میں جناب چیئرمین صاحب کو آگاہ کروں گا۔ اور اس کے فوائد سے بھی بتاؤں گا کہ HSE اور 5S کرنے سے ادارہ کو کتنا فوائد ہو سکتا ہے۔ مزید اس بارے میں اپنی پوری کوشش جاری رکھوں گا تاکہ اس ٹریننگ کا فائدہ ادارہ کو بھی ہو سکے۔

JICA

ALJAZARI ACADEMY

POST TRAINING ACTION PLAN

Training Title: O & M Mechanical Equipment Date of Training: April 9 - April 13th, 2018

Name of Participant: Faraz Ali.

Name of Organization: Water & Sanitation Services Peshawar.

Please list five important concepts, ideas, or skills which you plan to take from the training and implement in your work

(please focus on assembly components, preventive maintenance, operating procedures, HSE & 5S)

- Implementation of PPEs
- Record keeping registers/booklets.
- Development & implementation of SOPs for each operation in Tube wells as well as plumbing distribution system.
- Development and displaying preventative maintenance plan for tube wells.
- Introducing HSE's related measures to the staff.

Please identify a site (in your organization) to implement the above training concepts.

Site: Tube wells.

Please provide a date by which you will implement the above trainings concepts.

Date: within a couple of weeks.

Person Responsible (Your Name):

Faraz Ali.

Other Comments or Notes:

添付資料 4.63

2018 年春期研修「Asset Management」で作成されたアクションプラン

FLEET DATA
WSSC Mardan

S. No	Asset Code	Vehicle Name	Brand Name	Area	Condition	Model	Risk
1	WSSCM-1	Bowser 3	Hino	WSSCM JURISDICTION	B	2012	Medium
2	WSSCM-2	DATRO 2	Hino	WSSCM JURISDICTION	B	2012	Medium
3	WSSCM-3	DATRO-1	Hino	WSSCM JURISDICTION	B	2012	Medium
4	WSSCM-4	Fumigation Vehicle	Suzuki	WSSCM JURISDICTION	A	2016	Low
5	WSSCM-5	Hino - 1 (New)	Hino	WSSCM JURISDICTION	C	1982	High
6	WSSCM-6	HINO Ch. No.50200183	Hino	WSSCM JURISDICTION	A	2017	Low
7	WSSCM-7	HINO Ch.No.302001832	Hino	WSSCM JURISDICTION	A	2017	Low
8	WSSCM-8	HINO W B Ch No.16002	Hino	WSSCM JURISDICTION	A	2017	Low
9	WSSCM-9	HINO-4	Hino	WSSCM JURISDICTION	C	1982	High
10	WSSCM-10	HINO-5	Hino	WSSCM JURISDICTION	B	2012	Medium
11	WSSCM-11	HINO-6	Hino	WSSCM JURISDICTION	B	2012	Medium
12	WSSCM-12	Jetting Machine	Hino	WSSCM JURISDICTION	B	2012	Medium
13	WSSCM-13	suzuki ch no 423031	Suzuki	WSSCM JURISDICTION	A	2017	Low
14	WSSCM-14	suzuki ch no 423032	Suzuki	WSSCM JURISDICTION	A	2017	Low
15	WSSCM-15	Suzuki Ch No. 422412	Suzuki	WSSCM JURISDICTION	A	2017	Low
16	WSSCM-16	Suzuki Ch No. 423033	Suzuki	WSSCM JURISDICTION	A	2017	Low
17	WSSCM-17	Suzuki Ch No.420578	Suzuki	WSSCM JURISDICTION	A	2017	Low
18	WSSCM-18	Suzuki Ch No.422404	Suzuki	WSSCM JURISDICTION	A	2017	Low
19	WSSCM-19	Suzuki Ch No.422419	Suzuki	WSSCM JURISDICTION	A	2017	Low
20	WSSCM-20	Suzuki Ch No.422420	Suzuki	WSSCM JURISDICTION	A	2017	Low
21	WSSCM-21	Suzuki Ch No.423034	Suzuki	WSSCM JURISDICTION	A	2017	Low
22	WSSCM-22	Suzuki Ch No.423040	Suzuki	WSSCM JURISDICTION	A	2017	Low
23	WSSCM-23	SW-3562	Toyota	WSSCM JURISDICTION	C	1970	High
24	WSSCM-24	Tractor A-1634 (New)	Fiat	WSSCM JURISDICTION	B	2012	Medium
25	WSSCM-25	Tractor A1635	Fiat	WSSCM JURISDICTION	B	2012	Medium
26	WSSCM-26	DATRO-3	Hino	WSSCM JURISDICTION	B	2012	Medium
27	WSSCM-27	Tractor DONGFONG-3	China Tractor	WSSCM JURISDICTION	C	2006	High
28	WSSCM-28	Tractor FSO	Fiat	WSSCM JURISDICTION	B	2012	Medium
29	WSSCM-29	Tractor Massey 240-2	Massey	WSSCM JURISDICTION	C	2000	High
30	WSSCM-30	Tractor Massey 375-1	Massey	WSSCM JURISDICTION	C	2000	High
31	WSSCM-31	Tractor Massey 375-2	Massey	WSSCM JURISDICTION	C	2000	High
32	WSSCM-32	Tractor RIG NO.A1633	Fiat	WSSCM JURISDICTION	B	2012	Medium
33	WSSCM-33	Tractor Sweeper-4	Fiat	WSSCM JURISDICTION	B	2012	Medium
34	WSSCM-34	Tractor Sweeper-6	Fiat	WSSCM JURISDICTION	B	2012	Medium

Total:

Assets Grading based on their Condition

Sr. No.	Asset Name	Category	Location	Code	Rating			
					Physical Condition	Asset Performance	Asset Reliability	Asset Condition
1	A3-Block	Tube well	Johar Town	JT-TW # 01	1	2	2	B
2	A-Block	Tube well	Johar Town	JT-TW # 02	2	1	1	A
3	C2-Block	Tube well	Johar Town	JT-TW # 03	1	2	3	B
4	Campus View	Tube well	Johar Town	JT-TW # 04	3	2	3	C
5	D2-Block	Tube well	Johar Town	JT-TW # 05	1	2	1	A
6	E1-Block	Tube well	Johar Town	JT-TW # 06	2	1	2	B
7	E-Block	Tube well	Johar Town	JT-TW # 07	1	2	1	B
8	F1-Block	Tube well	Johar Town	JT-TW # 08	2	2	1	A
9	G1-Block	Tube well	Johar Town	JT-TW # 09	1	1	3	B
10	G4-Block	Tube well	Johar Town	JT-TW # 10	4	3	3	C
11	H3-Block	Tube well	Johar Town	JT-TW # 11	2	3	2	C
12	J1-Block	Tube well	Johar Town	JT-TW # 12	3	2	2	C

13	J3-Block	Tube well	Johar Town	JT-TW # 13	3	2	3	C
14	L-Block	Tube well	Johar Town	JT-TW # 14	2	1	2	B
15	M-Block	Tube well	Johar Town	JT-TW # 15	1	1	1	A
16	R2-Block	Tube well	Johar Town	JT-TW # 16	1	2	1	B
17	Sakhi Chowk	Tube well	Johar Town	JT-TW # 17	4	3	3	D
18	Shah Di Khui	Tube well	Johar Town	JT-TW # 18	2	1	2	B
19	A-Block	OHR	Johar Town	JT-OHR # 01	2	4	4	D
20	F1-Block	OHR	Johar Town	JT-OHR # 02	2	4	4	D
21	G4-Block	OHR	Johar Town	JT-OHR # 03	4	4	4	D
22	R2-Block	OHR	Johar Town	JT-OHR # 04	4	4	4	D
23	Shaukat Khanum	Disposal Station	Johar Town	JT-DS # 01	-	-	-1	Abundant
24	Shah Di Khui	Disposal Station	Johar Town	JT-DS # 02	1	1	1	A
25	Beer Pind	Disposal Station	Johar Town	JT-DS # 03	2	1	2	B
26	Ali Raza Abad	Disposal Station	Johar Town	JT-DS # 04	2	2	2	B
27	Water Bouzer (WB-12)	Vehicle	Johar Town	-	2	2	2	B

28	New Jetting	Vehicle	Johar Town	-	2	2	2	B
29	Jetting Unit (JU-10	Vehicle	Johar Town	-	2	2	2	B
30	Jett Sucker Machine (JT-01)	Vehicle	Johar Town	-	2	2	2	B
31	Jett Sucker Machine (LZB-1435	Vehicle	Johar Town	-	2	2	2	B
32	Tractor Trolly (LES-9634)	Vehicle	Johar Town	-	2	2	2	B
33	Campus View Generator	Machinery	Johar Town	-	2	2	2	B
34	L-Block Generator	Machinery	Johar Town	-	2	2	2	B
35	Shah Di Khui Generator	Machinery	Johar Town	-	2	2	2	B
36	Shaukat Khanum Disposal Generator	Machinery	Johar Town	-	2	2	2	-
37	Sakhi Chowk Generator	Machinery	Johar Town	-	2	2	2	B

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

Asset Performance

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

Asset Reliability				
As Specified by Manufacturer	Random Breakdown	Occasional Breakdown	Periodic Breakdown	Continuous Breakdown
1	2	3	4	5

Asset Condition Rating				
Excellent	Good	Fair	Poor	Failing
1	2	3	4	5
A	B	C	D	F

CODE			
JT = Johar Town	TW = Tubewell	OHR = Over Head Reservior	DS = Disposal Station

Asset Maintenance Plan based on their Risk									
Sr. No.	**Code**	**Category**	**Asset Name**	**Location**	**Condition**	**Probability of Failure Rating**	**Impact Rating**	**Risk**	**Action Plan for Asset Management**
1	JT-TW # 01	Tube well	A3-Block	Johar Town	B	2	2	Low Risk	Regular Maintenance
2	JT-TW # 02	Tube well	A-Block	Johar Town	A	1	1	Low Risk	Regular Maintenance
3	JT-TW # 03	Tube well	C2-Block	Johar Town	B	2	2	Low Risk	Regular Maintenance
4	JT-TW # 04	Tube well	Campus View	Johar Town	C	3	2	Moderate Risk	Priority Maintenance
5	JT-TW # 05	Tube well	D2-Block	Johar Town	A	1	1	Low Risk	Regular Maintenance
6	JT-TW # 06	Tube well	E1-Block	Johar Town	B	2	1	Low Risk	Regular Maintenance
7	JT-TW # 07	Tube well	E-Block	Johar Town	B	2	1	Low Risk	Regular Maintenance
8	JT-TW # 08	Tube well	F1-Block	Johar Town	A	1	1	Low Risk	Regular Maintenance
9	JT-TW # 09	Tube well	G1-Block	Johar Town	B	2	2	Low Risk	Regular Maintenance
10	JT-TW # 10	Tube well	G4-Block	Johar Town	C	3	3	High Risk	Priority Maintenance
11	JT-TW # 11	Tube well	H3-Block	Johar Town	C	3	3	High Risk	Priority Maintenance
12	JT-TW # 12	Tube well	J1-Block	Johar Town	C	3	2	Moderate Risk	Priority Maintenance

13	JT-TW # 13	Tube well	J3-Block	Johar Town	C	3	3	High Risk	Priority Maintenance
14	JT-TW # 14	Tube well	L-Block	Johar Town	B	2	2	Low Risk	Regular Maintenance
15	JT-TW # 15	Tube well	M-Block	Johar Town	A	1	1	Low Risk	Regular Maintenance
16	JT-TW # 16	Tube well	R2-Block	Johar Town	B	2	2	Low Risk	Regular Maintenance
17	JT-TW # 17	Tube well	Sakhi Chowk	Johar Town	D	4	4	Significant Risk	Immediate Maintenance
18	JT-TW # 18	Tube well	Shah Di Khui	Johar Town	B	2	2	Low Risk	Regular Maintenance
19	JT-OHR # 01	OHR	A-Block	Johar Town	D	4	4	Significant Risk	Immediate Maintenance
20	JT-OHR # 02	OHR	F1-Block	Johar Town	D	4	4	Significant Risk	Immediate Maintenance
21	JT-OHR # 03	OHR	G4-Block	Johar Town	D	4	4	Significant Risk	Immediate Maintenance
22	JT-OHR # 04	OHR	R2-Block	Johar Town	D	4	4	Significant Risk	Immediate Maintenance
23	JT-DS # 01	Disposal Station	Shaukat Khanum	Johar Town	Abundant	-	-	-	-
24	JT-DS # 02	Disposal Station	Shah Di Khui	Johar Town	A	1	1	Low Risk	Regular Maintenance
25	JT-DS # 03	Disposal Station	Beer Pind	Johar Town	B	2	2	Low Risk	Regular Maintenance
26	JT-DS # 04	Disposal Station	Ali Raza Abad	Johar Town	B	2	2	Low Risk	Regular Maintenance
27	-	Vehicle	Water Bouzer (WB-12)	Johar Town	B	2	2	Low Risk	Regular Maintenance

28	-	Vehicle	New Jetting	Johar Town	B	2	2	Low Risk	Regular Maintenance
29	-	Vehicle	Jetting Unit (JU-10	Johar Town	B	2	2	Low Risk	Regular Maintenance
30	-	Vehicle	Jett Sucker Machine (JT-01)	Johar Town	B	2	2	Low Risk	Regular Maintenance
31	-	Vehicle	Jett Sucker Machine (LZB-1435	Johar Town	B	2	2	Low Risk	Regular Maintenance
32	-	Vehicle	Tractor Trolly (LES-9634)	Johar Town	B	2	2	Low Risk	Regular Maintenance
33	-	Machinery	Campus View Generator	Johar Town	B	2	2	Low Risk	Regular Maintenance
34	-	Machinery	L-Block Generator	Johar Town	B	2	2	Low Risk	Regular Maintenance
35	-	Machinery	Shah Di Khui Generator	Johar Town	B	2	2	Low Risk	Regular Maintenance
36	-	Machinery	Shaukat Khanum Disposal Generator	Johar Town	-	-	-	-	
37	-	Machinery	Sakhi Chowk Generator	Johar Town	B	2	1	Low Risk	Regular Maintenance

Condition	**A**	**B**	**C**	**D**	**F**
Probability of Failure Rating	**1**	**2**	**3**	**4**	**5**

Impact	Minor Component Failure	Major Component Failure	Asset Failure	Facility/ Sub-Division Failure	Total System Failure
Scale Value	1	2	3	4	5

Probability	Impact (Criticality Assessment)				
	1	2	3	4	5
A	Low Risk	Low Risk	Low Risk	Moderate Risk	High Risk
B	Low Risk	Low Risk	Moderate Risk	High Risk	High Risk
C	Low Risk	Moderate Risk	High Risk	High Risk	Significant Risk
D	Moderate Risk	High Risk	High Risk	Significant Risk	Significant Risk
F	High Risk	High Risk	Significant Risk	Significant Risk	Significant Risk

Condtion	Failure Risk State			
	Low	Moderate	High	Significant
A	Regular Maintenance	Regular Maintenance	Preventive Maintenance	Priority Maintenance
B	Regular Maintenance	Preventive Maintenance	Priority Maintenance	Priority Maintenance

C	Preventive Maintenance	Priority Maintenance	Priority Maintenance	Immidiate Maintenance
D	Priority Maintenance	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance
F	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance	Immidiate Maintenance

Sewerage System Replacement Plan - Johar Town Subdivision WASA, LDA, Lahore

Sr.No.	Town	Sub Division	Diameter	Material	Unit Rate	Pipe Cost	Unit Cost Civil	Pipe Construction Cost	Total Cost	Age	Installation Year	Year Ranges	Condition	Risk	Level	Replacement Year	Replacement Diameter	Length
18698	Iqbal Town	Johar Town	9"	RCC	1148.15	216633.947	1000	188680.8752	405314.822	26	1992	6-10	C	L	T	10	9"	188.6808752
18699	Iqbal Town	Johar Town	9"	RCC	1148.15	142157.347	1000	123814.2634	265971.61	26	1992	6-10	C	L	T	10	9"	123.8142634
18700	Iqbal Town	Johar Town	9"	RCC	1148.15	141527.981	1000	123266.1071	264794.088	26	1992	6-10	C	L	T	10	9"	123.2661071
18701	Iqbal Town	Johar Town	9"	RCC	1148.15	139092.387	1000	121144.7871	260237.1744	26	1992	6-10	C	L	T	10	9"	121.1447871
18702	Iqbal Town	Johar Town	9"	RCC	1148.15	143150.516	1000	124679.2808	267829.7971	26	1992	6-10	C	L	T	10	9"	124.6792808
18703	Iqbal Town	Johar Town	9"	RCC	1148.15	89711.6785	1000	78135.85204	167847.5306	26	1992	6-10	C	L	T	10	9"	78.13585204
18704	Iqbal Town	Johar Town	9"	RCC	1148.15	147883.466	1000	128801.5208	276684.9868	26	1992	6-10	C	L	T	10	9"	128.8015208
18705	Iqbal Town	Johar Town	9"	RCC	1148.15	81233.9854	1000	70752.06671	151986.0521	26	1992	6-10	C	L	T	10	9"	70.75206671
18706	Iqbal Town	Johar Town	9"	RCC	1148.15	356000.848	1000	310064.7545	666065.6024	26	1992	6-10	C	L	T	10	12"	310.0647545
18707	Iqbal Town	Johar Town	9"	RCC	1148.15	115790.552	1000	100849.6725	216640.2241	26	1992	6-10	C	L	T	10	9"	100.8496725
18708	Iqbal Town	Johar Town	9"	RCC	1148.15	251701.543	1000	219223.571	470925.1141	26	1992	6-10	C	L	T	10	12"	219.223571
18709	Iqbal Town	Johar Town	18"	RCC	2560.7	1752701.21	2000	1368923.507	3121624.719	26	1992	6-10	C	M	S	10	24"	684.4617535
18710	Iqbal Town	Johar Town	12"	RCC	1667.2	522017.054	1000	313110.0371	835127.0909	26	1992	6-10	C	L	T	10	18"	313.1100371
18711	Iqbal Town	Johar Town	9"	RCC	1148.15	341100.37	1000	297086.9402	638187.3105	26	1992	6-10	C	L	T	10	12"	297.0869402
18712	Iqbal Town	Johar Town	9"	RCC	1148.15	309582.761	1000	269636.1634	579218.9245	26	1992	6-10	C	L	T	10	12"	269.6361634
18713	Iqbal Town	Johar Town	9"	RCC	1148.15	248067.102	1000	216058.0952	464125.1972	26	1992	6-10	C	L	T	10	12"	216.0580952
18714	Iqbal Town	Johar Town	9"	RCC	1148.15	189465.704	1000	165018.2502	354483.9541	26	1992	6-10	C	L	T	10	12"	165.0182502
18715	Iqbal Town	Johar Town	9"	RCC	1148.15	293575.511	1000	255694.3877	549269.899	26	1992	6-10	C	L	T	10	12"	255.6943877
18716	Iqbal Town	Johar Town	9"	RCC	1148.15	178328.752	1000	155318.3396	333647.0913	26	1992	6-10	C	L	T	10	12"	155.3183396
18717	Iqbal Town	Johar Town	9"	RCC	1148.15	171756.181	1000	149593.8517	321350.0325	26	1992	6-10	C	L	T	10	12"	149.5938517
18718	Iqbal Town	Johar Town	9"	RCC	1148.15	62391.8742	1000	54341.22217	116733.0964	26	1992	6-10	C	L	T	10	12"	54.34122217
18719	Iqbal Town	Johar Town	9"	RCC	1148.15	220318.952	1000	191890.3904	412209.342	26	1992	6-10	C	L	T	10	12"	191.8903904

18720	Iqbal Town	Johar Town	9"	RCC	1148.15	89435.7105	1000	77895.49322	167331.2038	26	1992	6-10	C	L	T	10	12"	77.89549322
18721	Iqbal Town	Johar Town	9"	RCC	1148.15	243254.316	1000	211866.3206	455120.6366	26	1992	6-10	C	L	T	10	12"	211.8663206
18722	Iqbal Town	Johar Town	9"	RCC	1148.15	190899.841	1000	166267.3354	357167.1765	26	1992	6-10	C	L	T	10	12"	166.2673354
18723	Iqbal Town	Johar Town	9"	RCC	1148.15	157250.63	1000	136960.0053	294210.6354	26	1992	6-10	C	L	T	10	12"	136.9600053
18724	Iqbal Town	Johar Town	9"	RCC	1148.15	40334.5137	1000	35130.0037	75464.51744	26	1992	6-10	C	L	T	10	12"	35.1300037
18725	Iqbal Town	Johar Town	9"	RCC	1148.15	163536.746	1000	142435.0007	305971.7467	26	1992	6-10	C	L	T	10	12"	142.4350007
18726	Iqbal Town	Johar Town	9"	RCC	1148.15	39523.6221	1000	34423.74441	73947.36656	26	1992	6-10	C	L	T	10	12"	34.42374441
18727	Iqbal Town	Johar Town	9"	RCC	1148.15	75785.994	1000	66007.04959	141793.0436	26	1992	6-10	C	L	T	10	12"	66.00704959
18728	Iqbal Town	Johar Town	9"	RCC	1148.15	92057.4496	1000	80178.93967	172236.3893	26	1992	6-10	C	L	T	10	12"	80.17893967
18729	Iqbal Town	Johar Town	12"	RCC	1667.2	773619.52	1000	464023.2245	1237642.744	26	1992	6-10	C	L	T	10	15"	464.0232245
18730	Iqbal Town	Johar Town	12"	RCC	1667.2	468537.063	1000	281032.3072	749569.3698	26	1992	6-10	C	L	T	10	12"	281.0323072
18731	Iqbal Town	Johar Town	9"	RCC	1148.15	99017.9658	1000	86241.31502	185259.2809	26	1992	6-10	C	L	T	10	12"	86.24131502
18732	Iqbal Town	Johar Town	9"	RCC	1148.15	114376.912	1000	99618.43969	213995.3512	26	1992	6-10	C	L	T	10	12"	99.61843969
18733	Iqbal Town	Johar Town	9"	RCC	1148.15	557305.43	1000	485394.2694	1042699.7	26	1992	6-10	C	L	T	10	12"	485.3942694
18734	Iqbal Town	Johar Town	9"	RCC	1148.15	86092.7142	1000	74983.85595	161076.5702	26	1992	6-10	C	L	T	10	9"	74.98385595
18735	Iqbal Town	Johar Town	9"	RCC	1148.15	98172.8769	1000	85505.27101	183678.1479	26	1992	6-10	C	L	T	10	9"	85.50527101
18736	Iqbal Town	Johar Town	9"	RCC	1148.15	236571.494	1000	206045.8073	442617.301	26	1992	6-10	C	L	T	10	9"	206.0458073
18737	Iqbal Town	Johar Town	9"	RCC	1148.15	133791.827	1000	116528.1779	250320.0053	26	1992	6-10	C	L	T	10	9"	116.5281779
18738	Iqbal Town	Johar Town	9"	RCC	1148.15	129356.454	1000	112665.1167	242021.5704	26	1992	6-10	C	L	T	10	9"	112.6651167
18739	Iqbal Town	Johar Town	9"	RCC	1148.15	130229.774	1000	113425.7492	243655.5232	26	1992	6-10	C	L	T	10	9"	113.4257492
18740	Iqbal Town	Johar Town	9"	RCC	1148.15	252193.234	1000	219651.8175	471845.0517	26	1992	6-10	C	L	T	10	9"	219.6518175
18741	Iqbal Town	Johar Town	12"	RCC	1667.2	583958.407	1000	350262.96	934221.367	26	1992	6-10	C	L	T	10	15"	350.26296
18742	Iqbal Town	Johar Town	9"	RCC	1148.15	182303.994	1000	158780.6422	341084.6365	26	1992	6-10	C	L	T	10	9"	158.7806422
18743	Iqbal Town	Johar Town	9"	RCC	1148.15	91097.8428	1000	79343.15446	170440.9973	26	1992	6-10	C	L	T	10	9"	79.34315446
19848	Iqbal Town	Johar Town	9"	RCC	1148.15	280664.895	1000	244449.6755	525114.5705	22	1996	6-10	C	M	T	10	9"	244.4496755

19849	Iqbal Town	Johar Town	9"	RCC	1148.15	198587.632	1000	172963.1428	371550.7753	22	1996	6-10	C	M	T	10	9"	172.9631428
19850	Iqbal Town	Johar Town	9"	RCC	1148.15	197257.304	1000	171804.4714	369061.7751	22	1996	6-10	C	M	T	10	9"	171.8044714
19851	Iqbal Town	Johar Town	12"	RCC	1667.2	1073551	1000	643924.5442	1717475.544	26	1992	0-3	C	L	P	3	18"	643.9245442
19852	Iqbal Town	Johar Town	15"	RCC	2560.7	457317.563	2000	357181.6795	814499.2429	26	1992	0-3	B	L	P	1	18"	178.5908398
19853	Iqbal Town	Johar Town	15"	RCC	2560.7	275794.961	2000	215405.9132	491200.8742	26	1992	0-3	B	L	S	3	18"	107.7029566
19854	Iqbal Town	Johar Town	9"	RCC	1148.15	193085.983	1000	168171.3917	361257.3751	26	1992	6-10	C	L	T	10	12"	168.1713917
19855	Iqbal Town	Johar Town	9"	RCC	1148.15	124418.989	1000	108364.7507	232783.7392	26	1992	0-3	B	L	T	3	12"	108.3647507
19856	Iqbal Town	Johar Town	9"	RCC	1148.15	193133.891	1000	168213.1174	361347.0081	26	1992	0-3	B	L	T	3	12"	168.2131174
19857	Iqbal Town	Johar Town	9"	RCC	1148.15	90745.2701	1000	79036.07552	169781.3456	26	1992	0-3	B	L	T	3	12"	79.03607552
19858	Iqbal Town	Johar Town	9"	RCC	1148.15	232731.98	1000	202701.7202	435433.7001	26	1992	0-3	B	L	T	3	12"	202.7017202
19859	Iqbal Town	Johar Town	9"	RCC	1148.15	249133.943	1000	216987.2777	466121.2207	26	1992	0-3	B	L	T	3	12"	216.9872777
19860	Iqbal Town	Johar Town	9"	RCC	1148.15	146801.631	1000	127859.2786	274660.9093	26	1992	0-3	B	L	T	3	12"	127.8592786
19861	Iqbal Town	Johar Town	9"	RCC	1148.15	144672.001	1000	126004.4429	270676.444	26	1992	0-3	B	L	T	3	12"	126.0044429
19862	Iqbal Town	Johar Town	9"	RCC	1148.15	210993.652	1000	183768.3679	394762.0195	26	1992	0-3	B	L	T	3	12"	183.7683679
19863	Iqbal Town	Johar Town	9"	RCC	1148.15	172521.786	1000	150260.6683	322782.4546	26	1992	0-3	B	L	T	3	12"	150.2606683
19864	Iqbal Town	Johar Town	9"	RCC	1148.15	195692.305	1000	170441.41	366133.7148	26	1992	0-3	B	L	T	3	12"	170.44141
19865	Iqbal Town	Johar Town	9"	RCC	1148.15	232529.196	1000	202525.102	435054.2978	26	1992	0-3	B	L	T	3	12"	202.525102
19866	Iqbal Town	Johar Town	9"	RCC	1148.15	268766.072	1000	234086.2012	502852.2732	26	1992	0-3	B	L	T	3	12"	234.0862012
19867	Iqbal Town	Johar Town	9"	RCC	1148.15	239444.162	1000	208547.8044	447991.966	26	1992	0-3	B	L	T	3	12"	208.5478044
19868	Iqbal Town	Johar Town	9"	RCC	1148.15	307967.252	1000	268229.1095	576196.3615	26	1992	0-3	B	L	T	3	12"	268.2291095
19869	Iqbal Town	Johar Town	9"	RCC	1148.15	219337.695	1000	191035.7484	410373.443	26	1992	0-3	B	L	T	3	12"	191.0357484
19870	Iqbal Town	Johar Town	9"	RCC	1148.15	181891.576	1000	158421.4397	340313.0156	26	1992	0-3	B	L	T	3	12"	158.4214397
19871	Iqbal Town	Johar Town	9"	RCC	1148.15	134850.263	1000	117450.0394	252300.3021	26	1992	0-3	B	L	T	3	12"	117.4500394
19872	Iqbal Town	Johar Town	9"	RCC	1148.15	247336.706	1000	215421.9445	462758.65	26	1992	0-3	B	L	T	3	12"	215.4219445
19873	Iqbal Town	Johar Town	12"	RCC	1667.2	155784.205	1000	93440.622	249224.827	26	1992	0-3	B	L	T	3	18"	93.440622

19874	Iqbal Town	Johar Town	12"	RCC	1667.2	308751.677	1000	185191.7451	493943.4225	26	1992	0-3	B	L	T	3	18"	185.1917451
19875	Iqbal Town	Johar Town	12"	RCC	1667.2	352281.595	1000	211301.3408	563582.9363	26	1992	0-3	B	L	T	3	24"	211.3013408
19876	Iqbal Town	Johar Town	9"	RCC	1148.15	249307.9	1000	217138.7887	466446.6891	26	1992	0-3	B	L	T	3	12"	217.1387887
19877	Iqbal Town	Johar Town	9"	RCC	1148.15	195390.41	1000	170178.4701	365568.8806	26	1992	0-3	B	L	T	3	12"	170.1784701
19878	Iqbal Town	Johar Town	9"	RCC	1148.15	214568.729	1000	186882.14	401450.8691	26	1992	0-3	B	L	T	3	12"	186.88214
19879	Iqbal Town	Johar Town	9"	RCC	1148.15	218390.591	1000	190210.8527	408601.4432	26	1992	0-3	B	L	T	3	12"	190.2108527
19880	Iqbal Town	Johar Town	9"	RCC	1148.15	218626.747	1000	190416.5375	409043.2849	26	1992	0-3	B	L	T	3	12"	190.4165375
19881	Iqbal Town	Johar Town	9"	RCC	1148.15	218563.826	1000	190361.735	408925.5611	26	1992	0-3	B	L	T	3	12"	190.361735
19882	Iqbal Town	Johar Town	9"	RCC	1148.15	336704.589	1000	293258.3628	629962.952	26	1992	0-3	B	L	T	3	12"	293.2583628
19883	Iqbal Town	Johar Town	9"	RCC	1148.15	197708.009	1000	172197.0204	369905.0293	26	1992	0-3	B	L	T	3	12"	172.1970204
19884	Iqbal Town	Johar Town	9"	RCC	1148.15	339142.305	1000	295381.5312	634523.8363	26	1992	0-3	B	L	T	3	12"	295.3815312
19885	Iqbal Town	Johar Town	9"	RCC	1148.15	125980.886	1000	109725.1111	235705.9973	26	1992	0-3	B	L	T	3	12"	109.7251111
19886	Iqbal Town	Johar Town	9"	RCC	1148.15	125980.767	1000	109725.0068	235705.7734	26	1992	0-3	B	L	T	3	12"	109.7250068
19887	Iqbal Town	Johar Town	9"	RCC	1148.15	125789.753	1000	109558.6403	235348.3933	26	1992	0-3	B	L	T	3	12"	109.5586403
19888	Iqbal Town	Johar Town	9"	RCC	1148.15	126042.984	1000	109779.1964	235822.1807	26	1992	0-3	B	L	T	3	12"	109.7791964
19889	Iqbal Town	Johar Town	9"	RCC	1148.15	125947.774	1000	109696.2714	235644.0453	26	1992	0-3	B	L	T	3	12"	109.6962714
19890	Iqbal Town	Johar Town	9"	RCC	1148.15	124989.16	1000	108861.3507	233850.5105	26	1992	0-3	B	L	T	3	12"	108.8613507
19891	Iqbal Town	Johar Town	9"	RCC	1148.15	121856.728	1000	106133.1078	227989.8356	26	1992	0-3	B	L	T	3	12"	106.1331078
19892	Iqbal Town	Johar Town	12"	RCC	1667.2	439754.28	1000	263768.1623	703522.4424	26	1992	0-3	B	L	T	3	15"	263.7681623
19893	Iqbal Town	Johar Town	9"	RCC	1148.15	287062.439	1000	250021.7207	537084.1594	26	1992	0-3	B	L	T	3	12"	250.0217207
19894	Iqbal Town	Johar Town	9"	RCC	1148.15	261495.379	1000	227753.6728	489249.0521	26	1992	0-3	B	L	T	3	12"	227.7536728
19895	Iqbal Town	Johar Town	9"	RCC	1148.15	236510.344	1000	205992.5481	442502.8923	26	1992	0-3	B	L	T	3	12"	205.9925481
19896	Iqbal Town	Johar Town	9"	RCC	1148.15	203355.121	1000	177115.4648	380470.5858	26	1992	0-3	B	L	T	3	12"	177.1154648
19897	Iqbal Town	Johar Town	18"	RCC	2560.7	2077539.58	2000	1622634.106	3700173.684	26	1992	0-3	B	L	S	3	21"	811.3170531
19898	Iqbal Town	Johar Town	18"	RCC	2560.7	2377950.79	2000	1857266.211	4235217.005	26	1992	0-3	B	L	S	3	21"	928.6331056

19899	Iqbal Town	Johar Town	30"	RCC	5197.5	4350262.75	3000	2510974.17	6861236.92	26	1992	6-10	B	L	P	10	42"	836.99139
19900	Iqbal Town	Johar Town	9"	RCC	1148.15	193587.608	1000	168608.29	362195.8981	26	1992	6-10	C	L	T	10	12"	168.60829
19901	Iqbal Town	Johar Town	9"	RCC	1148.15	234851.925	1000	204548.1206	439400.0452	26	1992	6-10	C	L	T	10	12"	204.5481206
19902	Iqbal Town	Johar Town	9"	RCC	1148.15	132598.057	1000	115488.444	248086.501	26	1992	6-10	C	L	T	10	12"	115.488444
19903	Iqbal Town	Johar Town	9"	RCC	1148.15	90333.8925	1000	78677.77951	169011.6721	26	1992	6-10	C	L	T	10	12"	78.67777951
19904	Iqbal Town	Johar Town	9"	RCC	1148.15	651866.644	1000	567753.9029	1219620.546	26	1992	0-3	B	H	P	1	18"	567.7539029
19905	Iqbal Town	Johar Town	9"	RCC	1148.15	442649.837	1000	385533.1074	828182.9446	26	1992	6-10	C	L	T	10	12"	385.5331074
19906	Iqbal Town	Johar Town	9"	RCC	1148.15	158646.309	1000	138175.595	296821.9044	26	1992	0-3	F	H	T	1	9"	138.175595
19907	Iqbal Town	Johar Town	18"	RCC	2560.7	215943.894	2000	168660.0493	384603.9433	26	1992	0-3	F	H	T	1	12"	84.33002463
19908	Iqbal Town	Johar Town	9"	RCC	1148.15	146769.225	1000	127831.0541	274600.2788	26	1992	0-3	F	H	T	1	12"	127.8310541
19909	Iqbal Town	Johar Town	9"	RCC	1148.15	314048.838	1000	273525.9658	587574.8034	26	1992	0-3	F	H	S	1	18"	273.5259658
19910	Iqbal Town	Johar Town	36"	RCC	7596.3	1719255.53	3000	678984.0554	2398239.582	26	1992	0-3	F	H	P	1	42"	226.3280185
19911	Iqbal Town	Johar Town	9"	RCC	1148.15	527964.098	1000	459838.9569	987803.0552	26	1992	0-3	B	L	T	3	12"	459.8389569
19912	Iqbal Town	Johar Town	9"	RCC	1148.15	361549.315	1000	314897.2825	676446.5975	26	1992	0-3	B	L	T	3	12"	314.8972825
19913	Iqbal Town	Johar Town	9"	RCC	1148.15	133052.321	1000	115884.0927	248936.4137	26	1992	0-3	B	L	T	3	12"	115.8840927
19914	Iqbal Town	Johar Town	9"	RCC	1148.15	158820.264	1000	138327.1038	297147.368	26	1992	0-3	B	L	T	3	12"	138.3271038
19915	Iqbal Town	Johar Town	9"	RCC	1148.15	127972.562	1000	111459.7932	239432.3547	26	1992	0-3	F	H	T	1	12"	111.4597932
19916	Iqbal Town	Johar Town	9"	RCC	1148.15	281921.047	1000	245543.7414	527464.788	26	1992	0-3	B	L	T	3	12"	245.5437414
19917	Iqbal Town	Johar Town	9"	RCC	1148.15	235916.058	1000	205474.9453	441391.0037	26	1992	0-3	B	L	T	3	12"	205.4749453
19918	Iqbal Town	Johar Town	9"	RCC	1148.15	158065.138	1000	137669.4139	295734.5516	26	1992	0-3	B	L	T	3	12"	137.6694139
19919	Iqbal Town	Johar Town	36"	RCC	7596.3	4037248.02	3000	1594426.768	5631674.789	26	1992	0-3	B	L	P	3	42"	531.4755895
19920	Iqbal Town	Johar Town	30"	RCC	5197.5	2809025.66	3000	1621371.234	4430396.897	26	1992	0-3	B	L	P	3	36"	540.457078
19921	Iqbal Town	Johar Town	24"	RCC	3633.75	2151129.9	2000	1183972.423	3335102.32	26	1992	0-3	B	L	P	3	30"	591.9862117
19922	Iqbal Town	Johar Town	36"	RCC	7596.3	4486907.74	3000	1772010.483	6258918.226	26	1992	6-10	D	H	P	10	42"	590.6701609
19923	Iqbal Town	Johar Town	54"	RCC	1148.15	1090240.62	1000	949562.8811	2039803.503	26	1992	>10	B	L	P	15	60"	949.5628811

19924	Iqbal Town	Johar Town	42"	RCC	9835.5	12741237.2	3000	3886300.795	16627537.95	26	1992	6-10	C	H	P	10	48"	1295.433598
19925	Iqbal Town	Johar Town	48"	RCC	12462.5	9728427.66	3000	2341848.182	12070275.84	26	1992	>10	B	L	P	15	48"	780.6160607
19926	Iqbal Town	Johar Town	36"	RCC	7596.3	5635600.63	3000	2225662.742	7861263.372	26	1992	6-10	C	M	P	10	42"	741.8875807
19927	Iqbal Town	Johar Town	18"	RCC	2560.7	885342.179	2000	691484.4996	1576826.679	22	1996	6-10	C	M	P	10	18"	345.7422498
19928	Iqbal Town	Johar Town	21"	RCC	3114.2	317940.987	2000	204187.9052	522128.8923	26	1992	6-10	C	M	S	10	24"	102.0939526
19929	Iqbal Town	Johar Town	24"	RCC	3633.75	756658.07	2000	416461.27	1173119.34	26	1992	6-10	C	M	S	10	27"	208.230635
19930	Iqbal Town	Johar Town	30"	RCC	5197.5	3043029.81	3000	1756438.563	4799468.373	26	1992	6-10	C	M	S	10	36"	585.479521
19931	Iqbal Town	Johar Town	9"	RCC	1148.15	119419.972	1000	104010.7755	223430.7474	26	1992	6-10	C	L	T	10	12"	104.0107755
19932	Iqbal Town	Johar Town	30"	RCC	5197.5	2405458.87	3000	1388432.247	3793891.114	26	1992	6-10	C	H	P	10	30"	462.8107489
19933	Iqbal Town	Johar Town	66"	RCC	1148.15	224893.568	1000	195874.7272	420768.2952	26	1992	0-3	C	H	P	1	8"x10"	195.8747272
19934	Iqbal Town	Johar Town	60"	RCC	1148.15	1474780.82	1000	1284484.447	2759265.264	26	1992	4-5	C	H	P	5	60"	1284.484447
19935	Iqbal Town	Johar Town	42"	RCC	9835.5	9420122.61	3000	2873302.61	12293425.22	26	1992	6-10	B	M	P	10	48"	957.7675366
19936	Iqbal Town	Johar Town	18"	RCC	2560.7	1569226.06	2000	1225622.729	2794848.79	26	1992	6-10	C	M	P	10	18"	612.8113645
19937	Iqbal Town	Johar Town	12"	RCC	1667.2	324928.617	1000	194894.8041	519823.4215	26	1992	0-3	F	H	S	1	18"	194.8948041
19938	Iqbal Town	Johar Town	12"	RCC	1667.2	455936.529	1000	273474.4059	729410.9354	22	1996	6-10	C	M	S	10	18"	273.4744059
19939	Iqbal Town	Johar Town	9"	RCC	1148.15	306407.326	1000	266870.466	573277.7916	22	1996	6-10	C	M	S	10	12"	266.870466
19940	Iqbal Town	Johar Town	9"	RCC	1148.15	229718.899	1000	200077.4283	429796.3277	22	1996	4-5	C	H	T	5	9"	200.0774283
19941	Iqbal Town	Johar Town	9"	RCC	1148.15	222797.848	1000	194049.4256	416847.2736	22	1996	6-10	C	M	T	10	9"	194.0494256
19942	Iqbal Town	Johar Town	9"	RCC	1148.15	156128.691	1000	135982.8339	292111.5247	22	1996	6-10	D	M	T	10	9"	135.9828339
19943	Iqbal Town	Johar Town	9"	RCC	1148.15	239650.84	1000	208727.8141	448378.6539	22	1996	6-10	C	M	S	10	12"	208.7278141
19944	Iqbal Town	Johar Town	9"	RCC	1148.15	349009.039	1000	303975.1247	652984.1641	22	1996	6-10	C	M	T	10	9"	303.9751247
19945	Iqbal Town	Johar Town	9"	RCC	1148.15	160082.774	1000	139426.7073	299509.4813	22	1996	6-10	C	M	T	10	9"	139.4267073
19946	Iqbal Town	Johar Town	9"	RCC	1148.15	275675.311	1000	240103.9159	515779.227	22	1996	6-10	C	M	S	10	12"	240.1039159
19947	Iqbal Town	Johar Town	12"	RCC	1667.2	640928.232	1000	384433.9203	1025362.152	22	1996	6-10	C	M	P	10	15"	384.4339203
19948	Iqbal Town	Johar Town	9"	RCC	1148.15	361180.315	1000	314575.896	675756.2111	22	1996	6-10	C	M	S	10	12"	314.575896

19949	Iqbal Town	Johar Town	24"	RCC	3633.75	4732113.94	2000	2604534.678	7336648.621	9	2009	>10	B	L	P	15	24"	1302.267339
19950	Iqbal Town	Johar Town	9"	RCC	1148.15	74087.8231	1000	64527.99995	138615.8231	22	1996	6-10	C	M	S	10	9"	64.52799995
19951	Iqbal Town	Johar Town	9"	RCC	1148.15	309479.025	1000	269545.8126	579024.8374	22	1996	6-10	C	M	S	10	12"	269.5458126
19952	Iqbal Town	Johar Town	9"	RCC	1148.15	778250.247	1000	677829.767	1456080.014	22	1996	6-10	C	M	P	10	12"	677.829767
19953	Iqbal Town	Johar Town	9"	RCC	1148.15	390028.012	1000	339701.2687	729729.2805	22	1996	6-10	C	M	S	10	12"	339.7012687
19954	Iqbal Town	Johar Town	9"	RCC	1148.15	353306.577	1000	307718.1348	661024.7114	22	1996	6-10	C	M	P	10	12"	307.7181348
19955	Iqbal Town	Johar Town	9"	RCC	1148.15	435052.985	1000	378916.5046	813969.4893	22	1996	6-10	C	M	S	10	12"	378.9165046
19956	Iqbal Town	Johar Town	9"	RCC	1148.15	191137.143	1000	166474.0172	357611.16	22	1996	6-10	C	M	T	10	9"	166.4740172
19957	Iqbal Town	Johar Town	9"	RCC	1148.15	186299.758	1000	162260.8182	348560.5767	22	1996	6-10	C	M	T	10	9"	162.2608182
19958	Iqbal Town	Johar Town	9"	RCC	1148.15	211132.202	1000	183889.0403	395021.2419	22	1996	6-10	C	M	T	10	9"	183.8890403
19959	Iqbal Town	Johar Town	12"	RCC	1667.2	420930.127	1000	252477.2836	673407.4109	22	1996	6-10	C	M	P	10	12"	252.4772836
19960	Iqbal Town	Johar Town	9"	RCC	1148.15	274415.514	1000	239006.6754	513422.1898	22	1996	6-10	C	M	P	10	9"	239.0066754
19961	Iqbal Town	Johar Town	12"	RCC	1667.2	136483.152	1000	81863.69508	218346.8475	22	1996	6-10	C	M	S	10	12"	81.86369508
19962	Iqbal Town	Johar Town	9"	RCC	1148.15	150719.118	1000	131271.2778	281990.3953	22	1996	6-10	C	M	T	10	9"	131.2712778
19963	Iqbal Town	Johar Town	9"	RCC	1148.15	445302.679	1000	387843.6433	833146.3225	22	1996	6-10	C	M	S	10	12"	387.8436433
19964	Iqbal Town	Johar Town	9"	RCC	1148.15	444401.738	1000	387058.9542	831460.6924	22	1996	6-10	C	M	S	10	12"	387.0589542
19965	Iqbal Town	Johar Town	9"	RCC	1148.15	255061.993	1000	222150.4101	477212.4035	22	1996	6-10	C	M	T	10	9"	222.1504101
19966	Iqbal Town	Johar Town	9"	RCC	1148.15	125229.97	1000	109071.0882	234301.0582	22	1996	6-10	C	M	T	10	9"	109.0710882
19967	Iqbal Town	Johar Town	9"	RCC	1148.15	262818.917	1000	228906.4291	491725.3457	22	1996	6-10	C	M	T	10	9"	228.9064291
19968	Iqbal Town	Johar Town	9"	RCC	1148.15	362868.039	1000	316045.8467	678913.8856	22	1996	6-10	C	M	S	10	9"	316.0458467
19969	Iqbal Town	Johar Town	9"	RCC	1148.15	122213.94	1000	106444.2274	228658.1671	22	1996	6-10	C	M	S	10	9"	106.4442274
19970	Iqbal Town	Johar Town	9"	RCC	1148.15	144199.282	1000	125592.7207	269792.003	22	1996	6-10	C	M	S	10	9"	125.5927207
19971	Iqbal Town	Johar Town	9"	RCC	1148.15	134050.276	1000	116753.278	250803.5542	22	1996	6-10	C	M	S	10	9"	116.753278
19972	Iqbal Town	Johar Town	9"	RCC	1148.15	269242.92	1000	234501.5197	503744.4395	22	1996	6-10	C	M	P	10	9"	234.5015197
19973	Iqbal Town	Johar Town	12"	RCC	1667.2	727252.111	1000	436211.6787	1163463.789	22	1996	6-10	C	M	P	10	18"	436.2116787

19974	Iqbal Town	Johar Town	9"	RCC	1148.15	718364.631	1000	625671.4115	1344036.043	22	1996	6-10	C	M	P	10	12"	625.6714115
19975	Iqbal Town	Johar Town	9"	RCC	1148.15	449954.525	1000	391895.2446	841849.7696	22	1996	6-10	C	M	S	10	12"	391.8952446
19976	Iqbal Town	Johar Town	9"	RCC	1148.15	143704.396	1000	125161.6917	268866.088	22	1996	6-10	C	M	T	10	9"	125.1616917
19977	Iqbal Town	Johar Town	9"	RCC	1148.15	393831.323	1000	343013.8252	736845.1486	22	1996	6-10	C	M	T	10	12"	343.0138252
19978	Iqbal Town	Johar Town	9"	RCC	1148.15	120291.672	1000	104769.9974	225061.6698	22	1996	6-10	C	M	T	10	12"	104.7699974
19979	Iqbal Town	Johar Town	9"	RCC	1148.15	156824.151	1000	136588.5566	293412.7078	22	1996	6-10	C	M	P	10	9"	136.5885566
19980	Iqbal Town	Johar Town	12"	RCC	1667.2	687872.344	1000	412591.3771	1100463.721	22	1996	6-10	C	M	S	10	18"	412.5913771
19981	Iqbal Town	Johar Town	9"	RCC	1148.15	520729.024	1000	453537.4508	974266.475	22	1996	6-10	C	M	S	10	12"	453.5374508
19982	Iqbal Town	Johar Town	9"	RCC	1148.15	221699.567	1000	193092.8601	414792.4275	22	1996	6-10	C	M	T	10	12"	193.0928601
19983	Iqbal Town	Johar Town	9"	RCC	1148.15	158020.082	1000	137630.1721	295650.2542	22	1996	6-10	C	M	T	10	12"	137.6301721
19984	Iqbal Town	Johar Town	9"	RCC	1148.15	99346.497	1000	86527.45457	185873.9515	22	1996	6-10	C	M	T	10	12"	86.52745457
19985	Iqbal Town	Johar Town	9"	RCC	1148.15	148541.441	1000	129374.5944	277916.0349	22	1996	6-10	C	M	T	10	12"	129.3745944
19986	Iqbal Town	Johar Town	9"	RCC	1148.15	230675.843	1000	200910.894	431586.7368	22	1996	6-10	C	M	T	10	12"	200.910894
19987	Iqbal Town	Johar Town	9"	RCC	1148.15	180425.493	1000	157144.5311	337570.0246	22	1996	6-10	C	M	T	10	12"	157.1445311
19988	Iqbal Town	Johar Town	9"	RCC	1148.15	147008.669	1000	128039.6021	275048.2713	22	1996	6-10	C	M	T	10	12"	128.0396021
19989	Iqbal Town	Johar Town	9"	RCC	1148.15	148292.032	1000	129157.3676	277449.3992	22	1996	6-10	C	M	T	10	12"	129.1573676
19990	Iqbal Town	Johar Town	9"	RCC	1148.15	149216.482	1000	129962.5328	279179.0148	22	1996	6-10	C	M	T	10	12"	129.9625328
19991	Iqbal Town	Johar Town	9"	RCC	1148.15	225372.196	1000	196291.5962	421663.7924	22	1996	6-10	C	M	T	10	12"	196.2915962
19992	Iqbal Town	Johar Town	12"	RCC	1667.2	600369.461	1000	360106.4427	960475.904	22	1996	6-10	C	M	T	10	15"	360.1064427
19993	Iqbal Town	Johar Town	9"	RCC	1148.15	306285.924	1000	266764.7295	573050.6536	22	1996	6-10	C	M	T	10	9"	266.7647295
19994	Iqbal Town	Johar Town	9"	RCC	1148.15	123760.617	1000	107791.3312	231551.9481	22	1996	6-10	C	M	T	10	9"	107.7913312
19995	Iqbal Town	Johar Town	9"	RCC	1148.15	128424.352	1000	111853.2873	240277.6391	22	1996	6-10	C	M	T	10	9"	111.8532873
19996	Iqbal Town	Johar Town	9"	RCC	1148.15	129074.641	1000	112419.6671	241494.3079	22	1996	6-10	C	M	T	10	9"	112.4196671
19997	Iqbal Town	Johar Town	9"	RCC	1148.15	134078.414	1000	116777.7853	250856.1995	22	1996	6-10	C	M	T	10	9"	116.7777853
19998	Iqbal Town	Johar Town	9"	RCC	1148.15	98868.6886	1000	86111.29961	184979.9883	22	1996	6-10	C	M	T	10	9"	86.11129961

19999	Iqbal Town	Johar Town	9"	RCC	1148.15	47847.6318	1000	41673.6766	89521.3084	22	1996	6-10	C	M	T	10	9"	41.6736766
20000	Iqbal Town	Johar Town	9"	RCC	1148.15	312381.562	1000	272073.8248	584455.3867	22	1996	6-10	C	M	S	10	18"	272.0738248
20001	Iqbal Town	Johar Town	9"	RCC	1148.15	99847.7072	1000	86963.99179	186811.699	22	1996	6-10	C	M	T	10	9"	86.96399179
20002	Iqbal Town	Johar Town	9"	RCC	1148.15	102404.872	1000	89191.19605	191596.0678	22	1996	6-10	C	M	T	10	9"	89.19119605
20003	Iqbal Town	Johar Town	9"	RCC	1148.15	103587.931	1000	90221.60044	193809.531	22	1996	6-10	C	M	T	10	9"	90.22160044
20004	Iqbal Town	Johar Town	9"	RCC	1148.15	129739.86	1000	112999.0508	242738.9111	22	1996	6-10	C	M	T	10	9"	112.9990508
20005	Iqbal Town	Johar Town	9"	RCC	1148.15	163540.587	1000	142438.3458	305978.9325	22	1996	6-10	C	M	T	10	9"	142.4383458
20006	Iqbal Town	Johar Town	12"	RCC	1667.2	115362.853	1000	69195.56935	184558.4226	22	1996	6-10	C	M	P	10	18"	69.19556935
20007	Iqbal Town	Johar Town	9"	RCC	1148.15	80602.8739	1000	70202.38985	150805.2637	22	1996	6-10	C	M	P	10	12"	70.20238985
20008	Iqbal Town	Johar Town	9"	RCC	1148.15	192239.626	1000	167434.2433	359673.8698	22	1996	6-10	C	M	P	10	12"	167.4342433
20009	Iqbal Town	Johar Town	9"	RCC	1148.15	484411.186	1000	421905.8366	906317.0228	22	1996	6-10	C	M	S	10	12"	421.9058366
20010	Iqbal Town	Johar Town	9"	RCC	1148.15	336044.478	1000	292683.4285	628727.907	22	1996	6-10	C	M	T	10	9"	292.6834285
20011	Iqbal Town	Johar Town	9"	RCC	1148.15	138701.982	1000	120804.7577	259506.7401	22	1996	6-10	C	M	T	10	9"	120.8047577
20012	Iqbal Town	Johar Town	9"	RCC	1148.15	19244.0331	1000	16760.90504	36004.93817	22	1996	6-10	C	M	T	10	9"	16.76090504
20013	Iqbal Town	Johar Town	18"	RCC	2560.7	734787.119	2000	573895.5119	1308682.631	22	1996	6-10	C	M	S	10	24"	286.947756
20014	Iqbal Town	Johar Town	12"	RCC	1667.2	791943.991	1000	475014.3902	1266958.382	22	1996	6-10	C	M	S	10	15"	475.0143902
20015	Iqbal Town	Johar Town	9"	RCC	1148.15	79396.127	1000	69151.35395	148547.481	22	1996	6-10	C	M	S	10	9"	69.15135395
20016	Iqbal Town	Johar Town	12"	RCC	1667.2	899372.547	1000	539450.9041	1438823.451	22	1996	6-10	C	M	S	10	18"	539.4509041
20017	Iqbal Town	Johar Town	12"	RCC	1667.2	339929.602	1000	203892.5153	543822.1169	22	1996	6-10	C	M	S	10	18"	203.8925153
20018	Iqbal Town	Johar Town	9"	RCC	1148.15	144206.919	1000	125599.3723	269806.2915	22	1996	6-10	C	M	T	10	9"	125.5993723
20019	Iqbal Town	Johar Town	9"	RCC	1148.15	145465.405	1000	126695.4711	272160.8763	22	1996	6-10	C	M	T	10	9"	126.6954711
20020	Iqbal Town	Johar Town	9"	RCC	1148.15	199777.329	1000	173999.3289	373776.6583	22	1996	6-10	C	M	T	10	9"	173.9993289
20021	Iqbal Town	Johar Town	9"	RCC	1148.15	344117.698	1000	299714.9313	643832.6297	22	1996	6-10	C	M	T	10	9"	299.7149313
20022	Iqbal Town	Johar Town	9"	RCC	1148.15	405870.449	1000	353499.4984	759369.9474	22	1996	6-10	C	M	T	10	12"	353.4994984
20023	Iqbal Town	Johar Town	9"	RCC	1148.15	364950.274	1000	317859.4031	682809.6767	22	1996	6-10	C	M	S	10	12"	317.8594031

20024	Iqbal Town	Johar Town	12"	RCC	1667.2	290336.534	1000	174146.1939	464482.7283	22	1996	6-10	C	M	S	10	15"	174.1461939
20025	Iqbal Town	Johar Town	9"	RCC	1148.15	235121.941	1000	204783.2953	439905.2359	22	1996	6-10	C	M	T	10	12"	204.7832953
20026	Iqbal Town	Johar Town	9"	RCC	1148.15	170660.429	1000	148639.4892	319299.9187	22	1996	6-10	C	M	T	10	12"	148.6394892
20027	Iqbal Town	Johar Town	9"	RCC	1148.15	149580.387	1000	130279.482	279859.8693	22	1996	6-10	C	M	T	10	12"	130.279482
20028	Iqbal Town	Johar Town	9"	RCC	1148.15	151082.657	1000	131587.9086	282670.5659	22	1996	6-10	C	M	T	10	12"	131.5879086
20029	Iqbal Town	Johar Town	9"	RCC	1148.15	209034.346	1000	182061.8785	391096.2243	22	1996	6-10	C	M	T	10	12"	182.0618785
20030	Iqbal Town	Johar Town	9"	RCC	1148.15	269031.534	1000	234317.4101	503348.9445	22	1996	6-10	C	M	T	10	9"	234.3174101
20031	Iqbal Town	Johar Town	9"	RCC	1148.15	24150.7519	1000	21034.49191	45185.24379	22	1996	6-10	C	M	T	10	9"	21.03449191
20032	Iqbal Town	Johar Town	9"	RCC	1148.15	215565.289	1000	187750.1098	403315.3983	22	1996	6-10	C	M	T	10	9"	187.7501098
20033	Iqbal Town	Johar Town	9"	RCC	1148.15	323754.786	1000	281979.5201	605734.3061	22	1996	6-10	C	M	T	10	12"	281.9795201
20034	Iqbal Town	Johar Town	9"	RCC	1148.15	180774.443	1000	157448.4546	338222.8978	22	1996	6-10	C	M	T	10	9"	157.4484546
20035	Iqbal Town	Johar Town	9"	RCC	1148.15	112497.793	1000	97981.79066	210479.5836	22	1996	6-10	C	M	T	10	9"	97.98179066
20036	Iqbal Town	Johar Town	9"	RCC	1148.15	78173.9678	1000	68086.89437	146260.8621	22	1996	6-10	C	M	T	10	9"	68.08689437
20037	Iqbal Town	Johar Town	9"	RCC	1148.15	532714.983	1000	463976.8177	996691.801	22	1996	6-10	C	M	T	10	12"	463.9768177
20038	Iqbal Town	Johar Town	9"	RCC	1148.15	162233.408	1000	141299.8374	303533.2457	22	1996	6-10	C	M	T	10	12"	141.2998374
20039	Iqbal Town	Johar Town	9"	RCC	1148.15	226534.927	1000	197304.2953	423839.222	22	1996	6-10	C	M	T	10	9"	197.3042953
20040	Iqbal Town	Johar Town	12"	RCC	1667.2	119492.47	1000	71672.54679	191165.0168	22	1996	6-10	C	M	T	10	12"	71.67254679
20041	Iqbal Town	Johar Town	9"	RCC	1148.15	200331.455	1000	174481.9538	374813.409	22	1996	6-10	C	M	T	10	9"	174.4819538
20042	Iqbal Town	Johar Town	9"	RCC	1148.15	209329.053	1000	182318.5583	391647.6111	22	1996	6-10	C	M	T	10	9"	182.3185583
20043	Iqbal Town	Johar Town	9"	RCC	1148.15	209625.191	1000	182576.4847	392201.6757	22	1996	6-10	C	M	T	10	9"	182.5764847
20044	Iqbal Town	Johar Town	18"	RCC	2560.7	720473.777	2000	562716.2702	1283190.047	22	1996	6-10	C	M	P	10	24"	281.3581351
20045	Iqbal Town	Johar Town	12"	RCC	1667.2	445573.697	1000	267258.6952	712832.3919	22	1996	6-10	C	M	P	10	18"	267.2586952
20046	Iqbal Town	Johar Town	9"	RCC	1148.15	335960.057	1000	292609.9007	628569.9581	22	1996	6-10	C	M	P	10	12"	292.6099007
20047	Iqbal Town	Johar Town	6"	RCC	1148.15	207501.468	1000	180726.7939	388228.2622	22	1996	6-10	D	M	S	10	9"	180.7267939
20048	Iqbal Town	Johar Town	12"	RCC	1667.2	323256.099	1000	193891.6138	517147.7124	22	1996	6-10	C	M	S	10	15"	193.8916138

20049	Iqbal Town	Johar Town	9"	RCC	1148.15	137226.4	1000	119519.5752	256745.9755	22	1996	6-10	C	M	T	10	9"	119.5195752
20050	Iqbal Town	Johar Town	9"	RCC	1148.15	297276.948	1000	258918.2144	556195.1622	22	1996	6-10	C	M	T	10	9"	258.9182144
20051	Iqbal Town	Johar Town	9"	RCC	1148.15	150215.786	1000	130832.8926	281048.6781	22	1996	6-10	C	M	T	10	9"	130.8328926
20052	Iqbal Town	Johar Town	9"	RCC	1148.15	151235.12	1000	131720.6985	282955.8186	22	1996	6-10	C	M	T	10	9"	131.7206985
20053	Iqbal Town	Johar Town	9"	RCC	1148.15	196454.84	1000	171105.5526	367560.3928	22	1996	6-10	C	M	T	10	9"	171.1055526
20054	Iqbal Town	Johar Town	9"	RCC	1148.15	210664.341	1000	183481.5495	394145.8906	22	1996	6-10	C	M	T	10	9"	183.4815495
20055	Iqbal Town	Johar Town	9"	RCC	1148.15	114050.51	1000	99334.15502	213384.6651	22	1996	6-10	C	M	T	10	9"	99.33415502
20056	Iqbal Town	Johar Town	9"	RCC	1148.15	105655.943	1000	92022.76987	197678.7131	22	1996	6-10	C	M	T	10	9"	92.02276987
20057	Iqbal Town	Johar Town	9"	RCC	1148.15	258000.066	1000	224709.3725	482709.4386	22	1996	6-10	C	M	T	10	12"	224.7093725
20058	Iqbal Town	Johar Town	9"	RCC	1148.15	535021.03	1000	465985.3064	1001006.336	22	1996	6-10	C	M	T	10	12"	465.9853064
20059	Iqbal Town	Johar Town	9"	RCC	1148.15	305266.074	1000	265876.4745	571142.5486	26	1992	0-3	B	L	T	3	12"	265.8764745
20060	Iqbal Town	Johar Town	9"	RCC	1148.15	400768.529	1000	349055.8981	749824.4275	26	1992	6-10	C	L	T	10	12"	349.0558981
20061	Iqbal Town	Johar Town	9"	RCC	1148.15	429023.221	1000	373664.7835	802688.0047	26	1992	0-3	B	L	T	3	12"	373.6647835
20062	Iqbal Town	Johar Town	9"	RCC	1148.15	69266.2451	1000	60328.56776	129594.8128	26	1992	0-3	B	L	T	3	12"	60.32856776
20063	Iqbal Town	Johar Town	9"	RCC	1148.15	82038.4745	1000	71452.7496	153491.2241	26	1992	0-3	B	L	T	3	12"	71.4527496
20064	Iqbal Town	Johar Town	9"	RCC	1148.15	81508.7725	1000	70991.397	152500.1695	26	1992	0-3	B	L	T	3	12"	70.991397
20065	Iqbal Town	Johar Town	9"	RCC	1148.15	80245.9553	1000	69891.52575	150137.481	26	1992	0-3	B	L	T	3	12"	69.89152575
20066	Iqbal Town	Johar Town	12"	RCC	1667.2	607222.479	1000	364216.938	971439.417	26	1992	0-3	B	L	T	3	12"	364.216938
20067	Iqbal Town	Johar Town	15"	RCC	2560.7	141091.888	2000	110197.905	251289.7926	26	1992	0-3	B	L	T	3	18"	55.09895249
20068	Iqbal Town	Johar Town	9"	RCC	1148.15	279976.474	1000	243850.084	523826.558	26	1992	0-3	B	L	T	3	12"	243.850084
20069	Iqbal Town	Johar Town	9"	RCC	1148.15	70933.8347	1000	61780.98222	132714.817	26	1992	0-3	B	L	T	3	12"	61.78098222
20070	Iqbal Town	Johar Town	9"	RCC	1148.15	83833.1252	1000	73015.82997	156848.9552	26	1992	0-3	B	L	T	3	12"	73.01582997
20071	Iqbal Town	Johar Town	9"	RCC	1148.15	103062.989	1000	89764.39426	192827.3835	26	1992	0-3	B	L	T	3	12"	89.76439426
20072	Iqbal Town	Johar Town	9"	RCC	1148.15	143734.825	1000	125188.194	268923.0189	26	1992	0-3	B	L	T	3	12"	125.188194
20073	Iqbal Town	Johar Town	9"	RCC	1148.15	60739.6637	1000	52902.20239	113641.8661	26	1992	0-3	B	L	T	3	12"	52.90220239

20074	Iqbal Town	Johar Town	9"	RCC	1148.15	272133.546	1000	237019.1579	509152.7039	26	1992	0-3	B	L	T	3	12"	237.0191579
20075	Iqbal Town	Johar Town	9"	RCC	1148.15	213756.471	1000	186174.6906	399931.1617	26	1992	0-3	B	L	T	3	12"	186.1746906
20076	Iqbal Town	Johar Town	9"	RCC	1148.15	144655.646	1000	125990.1985	270645.8449	26	1992	0-3	B	L	T	3	12"	125.9901985
20077	Iqbal Town	Johar Town	9"	RCC	1148.15	144350.798	1000	125724.6856	270075.4833	26	1992	0-3	B	L	T	3	12"	125.7246856
20078	Iqbal Town	Johar Town	9"	RCC	1148.15	227480.026	1000	198127.445	425607.4709	26	1992	0-3	B	L	T	3	12"	198.127445
20079	Iqbal Town	Johar Town	9"	RCC	1148.15	223961.367	1000	195062.8116	419024.1786	26	1992	0-3	B	L	T	3	12"	195.0628116
20080	Iqbal Town	Johar Town	9"	RCC	1148.15	337924.592	1000	294320.9438	632245.5355	26	1992	0-3	B	L	T	3	12"	294.3209438
20081	Iqbal Town	Johar Town	9"	RCC	1148.15	196560.702	1000	171197.7549	367758.4571	26	1992	0-3	B	L	T	3	12"	171.1977549
20082	Iqbal Town	Johar Town	9"	RCC	1148.15	184308.204	1000	160526.2413	344834.4453	26	1992	0-3	B	L	T	3	12"	160.5262413
20083	Iqbal Town	Johar Town	9"	RCC	1148.15	82488.3369	1000	71844.56466	154332.9016	26	1992	0-3	B	L	T	3	12"	71.84456466
20084	Iqbal Town	Johar Town	9"	RCC	1148.15	68510.9158	1000	59670.70141	128181.6172	26	1992	0-3	B	L	T	3	12"	59.67070141
20085	Iqbal Town	Johar Town	9"	RCC	1148.15	130507.811	1000	113667.9101	244175.721	26	1992	6-10	B	M	T	10	9"	113.6679101
20086	Iqbal Town	Johar Town	9"	RCC	1148.15	41572.7674	1000	36208.48095	77781.24834	26	1992	6-10	B	M	T	10	9"	36.20848095
20087	Iqbal Town	Johar Town	9"	RCC	1148.15	570881.67	1000	497218.717	1068100.387	26	1992	6-10	B	M	T	10	9"	497.218717
20088	Iqbal Town	Johar Town	12"	RCC	1667.2	683192.72	1000	409784.5011	1092977.221	26	1992	0-3	B	L	P	3	18"	409.7845011
20089	Iqbal Town	Johar Town	12"	RCC	1667.2	227151.921	1000	136247.5534	363399.4743	26	1992	0-3	B	L	S	3	15"	136.2475534
20090	Iqbal Town	Johar Town	12"	RCC	1667.2	714380.119	1000	428490.954	1142871.073	26	1992	0-3	B	L	S	3	15"	428.490954
20091	Iqbal Town	Johar Town	12"	RCC	1667.2	282325.079	1000	169340.8582	451665.937	26	1992	0-3	B	L	S	3	15"	169.3408582
20092	Iqbal Town	Johar Town	9"	RCC	1148.15	187903.941	1000	163658.0074	351561.9487	26	1992	0-3	B	L	T	3	12"	163.6580074
20093	Iqbal Town	Johar Town	9"	RCC	1148.15	111003.096	1000	96679.9601	207683.0563	26	1992	0-3	B	L	T	3	12"	96.6799601
20094	Iqbal Town	Johar Town	9"	RCC	1148.15	100249.918	1000	87314.30372	187564.2215	26	1992	0-3	B	L	T	3	12"	87.31430372
20095	Iqbal Town	Johar Town	18"	RCC	2560.7	271757.555	2000	212252.5523	484010.1076	26	1992	0-3	B	L	S	3	24"	106.1262762
20096	Iqbal Town	Johar Town	12"	RCC	1667.2	404470.008	1000	242604.3714	647074.3794	26	1992	0-3	B	L	S	3	15"	242.6043714
20097	Iqbal Town	Johar Town	12"	RCC	1667.2	404567.911	1000	242663.0946	647231.006	26	1992	0-3	B	L	T	3	18"	242.6630946
20098	Iqbal Town	Johar Town	9"	RCC	1148.15	205352	1000	178854.6789	384206.6785	26	1992	0-3	B	L	T	3	12"	178.8546789

20099	Iqbal Town	Johar Town	9"	RCC	1148.15	243886.982	1000	212417.351	456304.3326	26	1992	0-3	B	L	T	3	12"	212.417351
20100	Iqbal Town	Johar Town	9"	RCC	1148.15	335164.949	1000	291917.3877	627082.3364	26	1992	0-3	B	L	T	3	12"	291.9173877
20101	Iqbal Town	Johar Town	9"	RCC	1148.15	222347.99	1000	193657.6146	416005.6048	26	1992	0-3	B	L	T	3	12"	193.6576146
20102	Iqbal Town	Johar Town	9"	RCC	1148.15	431430.99	1000	375761.8692	807192.8594	26	1992	0-3	B	L	T	3	12"	375.7618692
20103	Iqbal Town	Johar Town	12"	RCC	1667.2	446698.082	1000	267933.1106	714631.1927	26	1992	0-3	B	L	S	3	18"	267.9331106
20104	Iqbal Town	Johar Town	18"	RCC	2560.7	1085424.71	2000	847756.2443	1933180.952	26	1992	0-3	B	L	S	3	24"	423.8781222
20105	Iqbal Town	Johar Town	9"	RCC	1148.15	620314.281	1000	540272.8571	1160587.138	26	1992	0-3	B	L	T	3	12"	540.2728571
20106	Iqbal Town	Johar Town	9"	RCC	1148.15	613964.761	1000	534742.6389	1148707.4	26	1992	0-3	B	L	T	3	12"	534.7426389
20107	Iqbal Town	Johar Town	9"	RCC	1148.15	297003.675	1000	258680.2031	555683.8784	26	1992	0-3	B	L	T	3	12"	258.6802031
20108	Iqbal Town	Johar Town	9"	RCC	1148.15	285083.695	1000	248298.3018	533381.997	26	1992	0-3	B	L	T	3	12"	248.2983018
20109	Iqbal Town	Johar Town	9"	RCC	1148.15	178521.762	1000	155486.4452	334008.2073	26	1992	0-3	B	L	T	3	12"	155.4864452
20110	Iqbal Town	Johar Town	9"	RCC	1148.15	177115.7	1000	154261.8128	331377.5132	26	1992	0-3	B	L	T	3	12"	154.2618128
20111	Iqbal Town	Johar Town	9"	RCC	1148.15	176914.291	1000	154086.3919	331000.6828	26	1992	0-3	B	L	T	3	12"	154.0863919
20112	Iqbal Town	Johar Town	9"	RCC	1148.15	179720.823	1000	156530.7865	336251.6091	26	1992	0-3	B	L	T	3	12"	156.5307865
20113	Iqbal Town	Johar Town	9"	RCC	1148.15	221835.527	1000	193211.2761	415046.8028	26	1992	0-3	B	L	T	3	12"	193.2112761
20114	Iqbal Town	Johar Town	9"	RCC	1148.15	198734.319	1000	173090.902	371825.2211	26	1992	0-3	B	L	T	3	12"	173.090902
20115	Iqbal Town	Johar Town	9"	RCC	1148.15	202126.248	1000	176045.1582	378171.4065	26	1992	0-3	B	L	T	3	12"	176.0451582
20116	Iqbal Town	Johar Town	9"	RCC	1148.15	202137.961	1000	176055.3592	378193.3199	26	1992	0-3	B	L	T	3	12"	176.0553592
20117	Iqbal Town	Johar Town	9"	RCC	1148.15	219686.511	1000	191339.5561	411026.0675	26	1992	0-3	B	L	T	3	12"	191.3395561
20118	Iqbal Town	Johar Town	9"	RCC	1148.15	172822.037	1000	150522.1765	323344.2134	26	1992	0-3	B	L	T	3	12"	150.5221765
20119	Iqbal Town	Johar Town	9"	RCC	1148.15	236395.389	1000	205892.4264	442287.8158	26	1992	0-3	B	L	T	3	12"	205.8924264
20120	Iqbal Town	Johar Town	9"	RCC	1148.15	240396.134	1000	209376.9406	449773.075	26	1992	0-3	B	L	T	3	12"	209.3769406
20121	Iqbal Town	Johar Town	9"	RCC	1148.15	315332.867	1000	274644.3124	589977.1797	26	1992	0-3	B	L	T	3	12"	274.6443124
20122	Iqbal Town	Johar Town	12"	RCC	1667.2	799542.761	1000	479572.1933	1279114.954	26	1992	0-3	B	L	S	3	15"	479.5721933
20123	Iqbal Town	Johar Town	12"	RCC	1667.2	729807.692	1000	437744.5371	1167552.229	26	1992	0-3	B	L	S	3	15"	437.7445371

20124	Iqbal Town	Johar Town	18"	RCC	2560.7	976290.656	2000	762518.5738	1738809.23	4	2014	>10	A	M	S	20	18"	381.2592869
20125	Iqbal Town	Johar Town	9"	RCC	1148.15	289397.674	1000	252055.6319	541453.3056	26	1992	0-3	B	L	S	3	12"	252.0556319
20126	Iqbal Town	Johar Town	12"	RCC	1667.2	1390076.8	1000	833779.273	2223856.077	26	1992	0-3	B	L	S	3	15"	833.779273
20127	Iqbal Town	Johar Town	9"	RCC	1148.15	302146.53	1000	263159.4562	565305.9859	26	1992	0-3	B	L	T	3	12"	263.1594562
20128	Iqbal Town	Johar Town	9"	RCC	1148.15	248005.123	1000	216004.1134	464009.2361	26	1992	0-3	B	L	T	3	12"	216.0041134
20129	Iqbal Town	Johar Town	9"	RCC	1148.15	248821.602	1000	216715.2389	465536.8404	26	1992	0-3	B	L	T	3	12"	216.7152389
20130	Iqbal Town	Johar Town	9"	RCC	1148.15	249228.082	1000	217069.2695	466297.3512	26	1992	0-3	B	L	T	3	12"	217.0692695
20131	Iqbal Town	Johar Town	9"	RCC	1148.15	248880.645	1000	216766.6635	465647.3081	26	1992	0-3	B	L	T	3	12"	216.7666635
20132	Iqbal Town	Johar Town	9"	RCC	1148.15	249271.319	1000	217106.9278	466378.247	26	1992	0-3	B	L	T	3	12"	217.1069278
20133	Iqbal Town	Johar Town	9"	RCC	1148.15	420744.161	1000	366454.0005	787198.1612	26	1992	0-3	B	L	T	3	12"	366.4540005
20134	Iqbal Town	Johar Town	9"	RCC	1148.15	135149.889	1000	117711.0036	252860.8923	26	1992	0-3	B	L	T	3	12"	117.7110036
20135	Iqbal Town	Johar Town	9"	RCC	1148.15	137526.331	1000	119780.8048	257307.1359	26	1992	0-3	B	L	T	3	12"	119.7808048
20136	Iqbal Town	Johar Town	9"	RCC	1148.15	133544.971	1000	116313.1743	249858.1453	26	1992	0-3	B	L	T	3	12"	116.3131743
20137	Iqbal Town	Johar Town	9"	RCC	1148.15	132751.575	1000	115622.1527	248373.7273	26	1992	0-3	B	L	T	3	12"	115.6221527
20138	Iqbal Town	Johar Town	9"	RCC	1148.15	221923.413	1000	193287.8225	415211.2358	26	1992	0-3	B	L	T	3	12"	193.2878225
20139	Iqbal Town	Johar Town	12"	RCC	1667.2	400211.184	1000	240049.8946	640261.0788	26	1992	0-3	B	L	S	3	15"	240.0498946
20140	Iqbal Town	Johar Town	12"	RCC	1667.2	623143.686	1000	373766.6061	996910.2918	26	1992	0-3	B	L	S	3	15"	373.7666061
20141	Iqbal Town	Johar Town	12"	RCC	1667.2	471994.74	1000	283106.25	755100.9899	26	1992	0-3	B	L	S	3	15"	283.10625
20142	Iqbal Town	Johar Town	9"	RCC	1148.15	172608.145	1000	150335.8836	322944.0285	26	1992	0-3	B	L	T	3	12"	150.3358836
20143	Iqbal Town	Johar Town	9"	RCC	1148.15	171984.786	1000	149792.959	321777.7449	26	1992	0-3	B	L	T	3	12"	149.792959
20144	Iqbal Town	Johar Town	9"	RCC	1148.15	241890.04	1000	210678.0821	452568.1221	26	1992	0-3	B	L	T	3	12"	210.6780821
20145	Iqbal Town	Johar Town	9"	RCC	1148.15	177959.145	1000	154996.4251	332955.5705	26	1992	0-3	B	L	T	3	12"	154.9964251
20146	Iqbal Town	Johar Town	9"	RCC	1148.15	238650.039	1000	207856.1502	446506.1891	26	1992	0-3	B	L	T	3	12"	207.8561502
20147	Iqbal Town	Johar Town	9"	RCC	1148.15	156053.248	1000	135917.1255	291970.3731	26	1992	0-3	B	L	T	3	12"	135.9171255
20148	Iqbal Town	Johar Town	9"	RCC	1148.15	151275.538	1000	131755.9015	283031.4399	26	1992	0-3	B	L	T	3	12"	131.7559015

20149	Iqbal Town	Johar Town	9"	RCC	1148.15	123092.378	1000	107209.3176	230301.6956	26	1992	0-3	B	L	T	3	12"	107.2093176
20150	Iqbal Town	Johar Town	9"	RCC	1148.15	123417.979	1000	107492.9052	230910.8842	26	1992	0-3	B	L	T	3	12"	107.4929052
20151	Iqbal Town	Johar Town	9"	RCC	1148.15	319126.498	1000	277948.4371	597074.9353	26	1992	0-3	B	L	T	3	12"	277.9484371
20152	Iqbal Town	Johar Town	9"	RCC	1148.15	127155.911	1000	110748.5177	237904.4283	26	1992	0-3	B	L	T	3	12"	110.7485177
20153	Iqbal Town	Johar Town	9"	RCC	1148.15	125785.104	1000	109554.5915	235339.6958	26	1992	0-3	B	L	T	3	12"	109.5545915
20154	Iqbal Town	Johar Town	9"	RCC	1148.15	183063.76	1000	159442.3725	342506.1324	26	1992	0-3	B	L	T	3	12"	159.4423725
20155	Iqbal Town	Johar Town	9"	RCC	1148.15	181736.073	1000	158286.0021	340022.0755	26	1992	0-3	B	L	T	3	12"	158.2860021
20156	Iqbal Town	Johar Town	9"	RCC	1148.15	169951.065	1000	148021.6563	317972.721	26	1992	0-3	B	L	T	3	12"	148.0216563
20157	Iqbal Town	Johar Town	9"	RCC	1148.15	172366.912	1000	150125.7781	322492.6902	26	1992	0-3	B	L	T	3	12"	150.1257781
20158	Iqbal Town	Johar Town	9"	RCC	1148.15	173562.126	1000	151166.7688	324728.8943	26	1992	0-3	B	L	T	3	12"	151.1667688
20159	Iqbal Town	Johar Town	9"	RCC	1148.15	266981.901	1000	232532.2483	499514.1491	26	1992	0-3	B	L	T	3	12"	232.5322483
20160	Iqbal Town	Johar Town	9"	RCC	1148.15	256541.4	1000	223438.9237	479980.324	26	1992	0-3	B	L	T	3	12"	223.4389237
20161	Iqbal Town	Johar Town	9"	RCC	1148.15	126333.262	1000	110032.0185	236365.2805	26	1992	0-3	B	L	T	3	12"	110.0320185
20162	Iqbal Town	Johar Town	9"	RCC	1148.15	223257.504	1000	194449.7709	417707.2754	26	1992	0-3	B	L	T	3	12"	194.4497709
20163	Iqbal Town	Johar Town	9"	RCC	1148.15	395654.968	1000	344602.158	740257.1256	26	1992	0-3	B	L	T	3	12"	344.602158
20164	Iqbal Town	Johar Town	9"	RCC	1148.15	81781.8905	1000	71229.27364	153011.1642	26	1992	0-3	B	L	T	3	12"	71.22927364
20165	Iqbal Town	Johar Town	9"	RCC	1148.15	334644.383	1000	291463.9922	626108.3748	26	1992	6-10	C	M	S	10	12"	291.4639922
20166	Iqbal Town	Johar Town	9"	RCC	1148.15	285617.21	1000	248762.9752	534380.1851	26	1992	6-10	C	M	S	10	12"	248.7629752
20167	Iqbal Town	Johar Town	9"	RCC	1148.15	382386.521	1000	333045.7877	715432.3088	26	1992	6-10	C	M	S	10	12"	333.0457877
20168	Iqbal Town	Johar Town	9"	RCC	1148.15	174572.126	1000	152046.4453	326618.5715	26	1992	6-10	C	M	S	10	12"	152.0464453
20169	Iqbal Town	Johar Town	9"	RCC	1148.15	305818.367	1000	266357.5027	572175.8694	26	1992	6-10	C	L	T	10	12"	266.3575027
20170	Iqbal Town	Johar Town	9"	RCC	1148.15	161581.383	1000	140731.9454	302313.3286	26	1992	6-10	C	L	T	10	12"	140.7319454
20171	Iqbal Town	Johar Town	9"	RCC	1148.15	330467.841	1000	287826.365	618294.2059	26	1992	6-10	C	L	T	10	12"	287.826365
20172	Iqbal Town	Johar Town	9"	RCC	1148.15	276527.26	1000	240845.9347	517373.1946	26	1992	6-10	C	L	T	10	12"	240.8459347
20173	Iqbal Town	Johar Town	9"	RCC	1148.15	273962.811	1000	238612.3862	512575.1973	26	1992	6-10	C	L	T	10	12"	238.6123862

20174	Iqbal Town	Johar Town	9"	RCC	1148.15	384395.929	1000	334795.9146	719191.8439	26	1992	6-10	C	L	T	10	12"	334.7959146
20175	Iqbal Town	Johar Town	9"	RCC	1148.15	139230.816	1000	121265.3536	260496.1693	26	1992	6-10	C	L	T	10	12"	121.2653536
20176	Iqbal Town	Johar Town	9"	RCC	1148.15	272780.549	1000	237582.6758	510363.225	26	1992	6-10	C	L	T	10	12"	237.5826758
20177	Iqbal Town	Johar Town	9"	RCC	1148.15	225991.337	1000	196830.8467	422822.1833	26	1992	6-10	C	L	T	10	12"	196.8308467
20178	Iqbal Town	Johar Town	12"	RCC	1667.2	380574.707	1000	228271.7773	608846.4844	26	1992	6-10	C	L	T	10	15"	228.2717773
20179	Iqbal Town	Johar Town	15"	RCC	2560.7	661587.671	2000	516724.0763	1178311.747	26	1992	6-10	C	L	T	10	15"	258.3620382
20180	Iqbal Town	Johar Town	12"	RCC	1667.2	683523.537	1000	409982.9276	1093506.465	26	1992	6-10	C	M	S	10	12"	409.9829276
20181	Iqbal Town	Johar Town	48"	RCC	12462.5	13478221	3000	3244506.569	16722727.61	26	1992	6-10	C	H	P	10	54"	1081.50219
20182	Iqbal Town	Johar Town	30"	RCC	5197.5	1260855.78	3000	727766.6858	1988622.469	26	1992	6-10	C	H	P	10	36"	242.5888953
20183	Iqbal Town	Johar Town	24"	RCC	3633.75	1538207.74	2000	846622.7694	2384830.514	26	1992	6-10	C	H	P	10	30"	423.3113847
20184	Iqbal Town	Johar Town	12"	RCC	1667.2	419740.881	1000	251763.9643	671504.8455	26	1992	6-10	C	H	P	10	12"	251.7639643
20185	Iqbal Town	Johar Town	9"	RCC	1148.15	274686.887	1000	239243.032	513929.9192	26	1992	6-10	C	M	S	10	12"	239.243032
20186	Iqbal Town	Johar Town	9"	RCC	1148.15	213369.123	1000	185837.3239	399206.4474	26	1992	6-10	C	L	T	10	9"	185.8373239
20187	Iqbal Town	Johar Town	9"	RCC	1148.15	201416.661	1000	175427.1317	376843.7929	26	1992	6-10	C	L	T	10	9"	175.4271317
20188	Iqbal Town	Johar Town	9"	RCC	1148.15	196493.015	1000	171138.8019	367631.8172	26	1992	6-10	C	L	T	10	9"	171.1388019
20189	Iqbal Town	Johar Town	9"	RCC	1148.15	215597.528	1000	187778.189	403375.7167	26	1992	6-10	C	L	T	10	9"	187.778189
20190	Iqbal Town	Johar Town	12"	RCC	1667.2	325518.097	1000	195248.3787	520766.4757	26	1992	6-10	C	L	T	10	12"	195.2483787
20191	Iqbal Town	Johar Town	9"	RCC	1148.15	72293.8719	1000	62965.5288	135259.4007	26	1992	6-10	C	L	T	10	9"	62.9655288
20192	Iqbal Town	Johar Town	18"	RCC	2560.7	694145.328	2000	542152.793	1236298.121	26	1992	6-10	C	H	P	10	24"	271.0763965
20193	Iqbal Town	Johar Town	12"	RCC	1667.2	176685.21	1000	105977.2135	282662.4239	26	1992	6-10	C	L	T	10	12"	105.9772135
20194	Iqbal Town	Johar Town	9"	RCC	1148.15	276358.433	1000	240698.8924	517057.3258	26	1992	6-10	C	L	T	10	9"	240.6988924
20195	Iqbal Town	Johar Town	9"	RCC	1148.15	277215.537	1000	241445.4011	518660.9385	26	1992	6-10	C	L	T	10	9"	241.4454011
20196	Iqbal Town	Johar Town	9"	RCC	1148.15	293913.505	1000	255988.769	549902.2741	26	1992	6-10	C	L	T	10	9"	255.988769
20197	Iqbal Town	Johar Town	9"	RCC	1148.15	459867.056	1000	400528.7253	860395.7813	26	1992	6-10	C	L	T	10	12"	400.5287253
20198	Iqbal Town	Johar Town	9"	RCC	1148.15	318196.579	1000	277138.5089	595335.0879	26	1992	6-10	C	L	T	10	12"	277.1385089

20199	Iqbal Town	Johar Town	12"	RCC	1667.2	223234.784	1000	133898.0232	357132.8076	26	1992	6-10	C	M	S	10	18"	133.8980232
20200	Iqbal Town	Johar Town	9"	RCC	1148.15	696257.874	1000	606417.1698	1302675.043	26	1992	6-10	C	M	S	10	12"	606.4171698
20201	Iqbal Town	Johar Town	9"	RCC	1148.15	313360.085	1000	272926.0856	586286.1708	26	1992	6-10	C	L	T	10	12"	272.9260856
20202	Iqbal Town	Johar Town	9"	RCC	1148.15	232291.239	1000	202317.8498	434609.089	26	1992	6-10	C	L	T	10	9"	202.3178498
20203	Iqbal Town	Johar Town	9"	RCC	1148.15	38287.5266	1000	33347.14682	71634.67344	26	1992	6-10	C	L	T	10	9"	33.34714682
20204	Iqbal Town	Johar Town	9"	RCC	1148.15	37913.6655	1000	33021.52641	70935.19195	26	1992	6-10	C	L	T	10	9"	33.02152641
20205	Iqbal Town	Johar Town	15"	RCC	2560.7	937563.175	2000	732271.0002	1669834.175	26	1992	6-10	C	L	T	10	18"	366.1355001
20206	Iqbal Town	Johar Town	12"	RCC	1667.2	285362.756	1000	171162.8813	456525.637	26	1992	6-10	C	L	T	10	12"	171.1628813
20207	Iqbal Town	Johar Town	9"	RCC	1148.15	75638.9613	1000	65878.9891	141517.9504	26	1992	6-10	C	L	T	10	12"	65.8789891
20208	Iqbal Town	Johar Town	9"	RCC	1148.15	124913.305	1000	108795.2841	233708.5896	26	1992	6-10	C	L	T	10	12"	108.7952841
20209	Iqbal Town	Johar Town	9"	RCC	1148.15	397003.815	1000	345776.9588	742780.7741	26	1992	6-10	C	L	T	10	12"	345.7769588
20210	Iqbal Town	Johar Town	9"	RCC	1148.15	370131.162	1000	322371.782	692502.9436	26	1992	6-10	C	L	T	10	12"	322.371782
20211	Iqbal Town	Johar Town	12"	RCC	1667.2	838529.462	1000	502956.7311	1341486.193	26	1992	6-10	C	L	T	10	18"	502.9567311
20212	Iqbal Town	Johar Town	12"	RCC	1667.2	517258.282	1000	310255.6876	827513.97	26	1992	6-10	C	L	T	10	12"	310.2556876
20213	Iqbal Town	Johar Town	9"	RCC	1148.15	256676.257	1000	223556.3791	480232.6358	26	1992	6-10	C	L	T	10	12"	223.5563791
20214	Iqbal Town	Johar Town	9"	RCC	1148.15	247705.04	1000	215742.7513	463447.7911	26	1992	6-10	C	L	T	10	12"	215.7427513
20215	Iqbal Town	Johar Town	9"	RCC	1148.15	242835.555	1000	211501.5937	454337.1486	26	1992	6-10	C	L	T	10	12"	211.5015937
20216	Iqbal Town	Johar Town	9"	RCC	1148.15	229350.282	1000	199756.3755	429106.6579	26	1992	6-10	C	L	T	10	12"	199.7563755
20217	Iqbal Town	Johar Town	9"	RCC	1148.15	216749.667	1000	188781.6635	405531.3305	26	1992	6-10	C	L	T	10	12"	188.7816635
20218	Iqbal Town	Johar Town	9"	RCC	1148.15	208230.958	1000	181362.1545	389593.1123	26	1992	6-10	C	L	T	10	12"	181.3621545
20219	Iqbal Town	Johar Town	9"	RCC	1148.15	193717.462	1000	168721.3883	362438.8504	26	1992	6-10	C	L	T	10	12"	168.7213883
20220	Iqbal Town	Johar Town	9"	RCC	1148.15	148054.641	1000	128950.608	277005.2486	26	1992	6-10	C	L	T	10	12"	128.950608
20221	Iqbal Town	Johar Town	9"	RCC	1148.15	340991.133	1000	296991.7978	637982.9304	26	1992	6-10	C	L	T	10	12"	296.9917978
20222	Iqbal Town	Johar Town	9"	RCC	1148.15	281645.479	1000	245303.7316	526949.211	26	1992	6-10	C	L	T	10	12"	245.3037316
20223	Iqbal Town	Johar Town	9"	RCC	1148.15	294389.468	1000	256403.3168	550792.7849	26	1992	6-10	C	L	T	10	12"	256.4033168

20224	Iqbal Town	Johar Town	15"	RCC	2560.7	774895.854	2000	605221.8959	1380117.75	26	1992	6-10	C	M	S	10	18"	302.6109479
20225	Iqbal Town	Johar Town	9"	RCC	1148.15	320237.725	1000	278916.2783	599154.0031	26	1992	6-10	C	L	T	10	12"	278.9162783
20226	Iqbal Town	Johar Town	9"	RCC	1148.15	190264.296	1000	165713.797	355978.0931	26	1992	6-10	C	M	S	10	12"	165.713797
20227	Iqbal Town	Johar Town	9"	RCC	1148.15	201118.024	1000	175167.0285	376285.0524	26	1992	6-10	C	L	T	10	12"	175.1670285
20228	Iqbal Town	Johar Town	9"	RCC	1148.15	253892.227	1000	221131.5833	475023.8108	26	1992	6-10	C	L	T	10	12"	221.1315833
20229	Iqbal Town	Johar Town	9"	RCC	1148.15	258601.26	1000	225232.9922	483834.2521	26	1992	6-10	C	M	S	10	12"	225.2329922
20230	Iqbal Town	Johar Town	9"	RCC	1148.15	289935.303	1000	252523.8889	542459.192	26	1992	6-10	C	M	S	10	12"	252.5238889
20231	Iqbal Town	Johar Town	9"	RCC	1148.15	376191.706	1000	327650.3122	703842.0182	26	1992	6-10	C	L	T	10	12"	327.6503122
20232	Iqbal Town	Johar Town	9"	RCC	1148.15	249501.769	1000	217307.6414	466809.41	26	1992	6-10	C	L	T	10	12"	217.3076414
20233	Iqbal Town	Johar Town	12"	RCC	1667.2	498211.18	1000	298831.082	797042.2619	26	1992	6-10	C	M	S	10	15"	298.831082
20234	Iqbal Town	Johar Town	12"	RCC	1667.2	514453.652	1000	308573.4477	823027.0998	26	1992	6-10	C	L	T	10	18"	308.5734477
20235	Iqbal Town	Johar Town	18"	RCC	2560.7	194432.985	2000	151859.2455	346292.2306	26	1992	6-10	C	M	S	10	24"	75.92962277
20236	Iqbal Town	Johar Town	9"	RCC	1148.15	139549.159	1000	121542.6201	261091.7794	26	1992	6-10	C	L	T	10	9"	121.5426201
20237	Iqbal Town	Johar Town	9"	RCC	1148.15	189566.7	1000	165106.2145	354672.9148	26	1992	6-10	C	L	T	10	12"	165.1062145
20238	Iqbal Town	Johar Town	9"	RCC	1148.15	168969.794	1000	147167.0022	316136.7958	26	1992	6-10	C	L	T	10	12"	147.1670022
20239	Iqbal Town	Johar Town	9"	RCC	1148.15	175867.153	1000	153174.3701	329041.5232	26	1992	6-10	C	L	T	10	12"	153.1743701
20240	Iqbal Town	Johar Town	9"	RCC	1148.15	94620.2016	1000	82411.01039	177031.212	26	1992	6-10	C	L	T	10	12"	82.41101039
20241	Iqbal Town	Johar Town	9"	RCC	1148.15	177393.099	1000	154503.4178	331896.5169	26	1992	6-10	C	L	T	10	12"	154.5034178
20242	Iqbal Town	Johar Town	9"	RCC	1148.15	134560.266	1000	117197.4618	251757.7276	26	1992	6-10	C	L	T	10	12"	117.1974618
20243	Iqbal Town	Johar Town	9"	RCC	1148.15	200756.73	1000	174852.3535	375609.0833	26	1992	6-10	C	L	T	10	12"	174.8523535
20244	Iqbal Town	Johar Town	9"	RCC	1148.15	197803.894	1000	172280.5331	370084.4271	26	1992	6-10	C	L	T	10	12"	172.2805331
20245	Iqbal Town	Johar Town	9"	RCC	1148.15	200439.353	1000	174575.9295	375015.283	26	1992	6-10	C	L	T	10	12"	174.5759295
20246	Iqbal Town	Johar Town	9"	RCC	1148.15	150583.011	1000	131152.7334	281735.7443	26	1992	6-10	C	L	T	10	12"	131.1527334
20247	Iqbal Town	Johar Town	9"	RCC	1148.15	416537.209	1000	362789.887	779327.0958	26	1992	6-10	C	M	S	10	12"	362.789887
20248	Iqbal Town	Johar Town	9"	RCC	1148.15	268016.842	1000	233433.6475	501450.4899	26	1992	6-10	C	M	S	10	12"	233.4336475

20249	Iqbal Town	Johar Town	12"	RCC	1667.2	545536.111	1000	327216.9569	872753.0675	26	1992	6-10	C	M	S	10	18"	327.2169569
20250	Iqbal Town	Johar Town	15"	RCC	2560.7	1642913.86	2000	1283175.585	2926089.444	26	1992	6-10	C	M	S	10	24"	641.5877923
20251	Iqbal Town	Johar Town	12"	RCC	1667.2	304595.071	1000	182698.5792	487293.6504	26	1992	6-10	C	L	T	10	12"	182.6985792
20252	Iqbal Town	Johar Town	9"	RCC	1148.15	162920.933	1000	141898.648	304819.5808	27	1991	6-10	C	L	T	10	12"	141.898648
20253	Iqbal Town	Johar Town	9"	RCC	1148.15	115791.994	1000	100850.9293	216642.9237	27	1991	6-10	C	L	T	10	12"	100.8509293
20254	Iqbal Town	Johar Town	9"	RCC	1148.15	196749.968	1000	171362.5992	368112.5674	27	1991	6-10	C	L	T	10	12"	171.3625992
20255	Iqbal Town	Johar Town	9"	RCC	1148.15	132294.317	1000	115223.8964	247518.2131	27	1991	6-10	C	L	T	10	12"	115.2238964
20256	Iqbal Town	Johar Town	9"	RCC	1148.15	104281.034	1000	90825.2702	195106.3042	27	1991	6-10	C	L	T	10	12"	90.8252702
20257	Iqbal Town	Johar Town	9"	RCC	1148.15	75636.3302	1000	65876.69746	141513.0276	27	1991	6-10	C	L	T	10	12"	65.87669746
20258	Iqbal Town	Johar Town	9"	RCC	1148.15	141378.523	1000	123135.9342	264514.4571	27	1991	6-10	C	L	T	10	12"	123.1359342
20259	Iqbal Town	Johar Town	12"	RCC	1667.2	288831.293	1000	173243.3378	462074.6307	26	1992	6-10	C	L	T	10	15"	173.2433378
20260	Iqbal Town	Johar Town	9"	RCC	1148.15	154113.805	1000	134227.9358	288341.7403	26	1992	6-10	C	M	S	10	12"	134.2279358
20261	Iqbal Town	Johar Town	9"	RCC	1148.15	156831.633	1000	136595.0727	293426.7055	26	1992	6-10	C	L	T	10	12"	136.5950727
20262	Iqbal Town	Johar Town	9"	RCC	1148.15	77482.1929	1000	67484.38174	144966.5746	26	1992	6-10	C	L	T	10	12"	67.48438174
20263	Iqbal Town	Johar Town	9"	RCC	1148.15	136172.801	1000	118601.9258	254774.7269	26	1992	6-10	C	L	T	10	12"	118.6019258
20264	Iqbal Town	Johar Town	9"	RCC	1148.15	161037.393	1000	140258.1487	301295.5421	26	1992	6-10	C	L	T	10	12"	140.2581487
20265	Iqbal Town	Johar Town	9"	RCC	1148.15	487945.99	1000	424984.5317	912930.5218	26	1992	6-10	C	M	S	10	12"	424.9845317
20266	Iqbal Town	Johar Town	12"	RCC	1667.2	696685.844	1000	417877.7858	1114563.63	26	1992	6-10	C	M	S	10	18"	417.8777858
20267	Iqbal Town	Johar Town	9"	RCC	1148.15	904209.876	1000	787536.3633	1691746.239	26	1992	6-10	C	L	T	10	9"	787.5363633
20268	Iqbal Town	Johar Town	9"	RCC	1148.15	576098.084	1000	501762.0378	1077860.122	26	1992	6-10	C	L	T	10	9"	501.7620378
20269	Iqbal Town	Johar Town	9"	RCC	1148.15	341280.508	1000	297243.8338	638524.3415	26	1992	6-10	C	L	T	10	9"	297.2438338
20270	Iqbal Town	Johar Town	9"	RCC	1148.15	330000.897	1000	287419.6724	617420.5692	26	1992	6-10	C	L	T	10	9"	287.4196724
20271	Iqbal Town	Johar Town	9"	RCC	1148.15	109078.381	1000	95003.59798	204081.979	26	1992	6-10	C	L	T	10	9"	95.00359798
20272	Iqbal Town	Johar Town	9"	RCC	1148.15	98942.2894	1000	86175.40337	185117.6928	26	1992	6-10	C	L	T	10	9"	86.17540337
20273	Iqbal Town	Johar Town	9"	RCC	1148.15	211633.582	1000	184325.7257	395959.3077	26	1992	6-10	C	L	T	10	9"	184.3257257

20274	Iqbal Town	Johar Town	9"	RCC	1148.15	409502.765	1000	356663.1234	766165.8885	26	1992	6-10	C	L	T	10	9"	356.6631234
20275	Iqbal Town	Johar Town	9"	RCC	1148.15	355649.005	1000	309758.3112	665407.3162	26	1992	6-10	C	L	T	10	9"	309.7583112
20276	Iqbal Town	Johar Town	9"	RCC	1148.15	570704.167	1000	497064.1178	1067768.285	26	1992	6-10	C	L	T	10	9"	497.0641178
20277	Iqbal Town	Johar Town	9"	RCC	1148.15	335247.006	1000	291988.8567	627235.8626	26	1992	6-10	C	L	T	10	9"	291.9888567
20278	Iqbal Town	Johar Town	9"	RCC	1148.15	483681.547	1000	421270.3449	904951.8914	26	1992	6-10	C	M	S	10	9"	421.2703449
20279	Iqbal Town	Johar Town	9"	RCC	1148.15	286563.743	1000	249587.3734	536151.1161	26	1992	6-10	C	M	S	10	9"	249.5873734
20280	Iqbal Town	Johar Town	15"	RCC	2560.7	380333.97	2000	297054.6886	677388.659	26	1992	6-10	C	H	P	10	18"	148.5273443
20281	Iqbal Town	Johar Town	9"	RCC	1148.15	444128.007	1000	386820.5434	830948.5504	26	1992	6-10	C	M	S	10	12"	386.8205434
20282	Iqbal Town	Johar Town	9"	RCC	1148.15	83535.7565	1000	72756.83184	156292.5883	26	1992	6-10	C	L	T	10	9"	72.75683184
20283	Iqbal Town	Johar Town	9"	RCC	1148.15	169173.181	1000	147344.1461	316517.3274	26	1992	6-10	C	L	T	10	12"	147.3441461
20284	Iqbal Town	Johar Town	9"	RCC	1148.15	69398.9254	1000	60444.12786	129843.0533	26	1992	6-10	C	L	T	10	12"	60.44412786
20285	Iqbal Town	Johar Town	9"	RCC	1148.15	229166.065	1000	199595.9279	428761.9926	26	1992	6-10	C	L	T	10	12"	199.5959279
20286	Iqbal Town	Johar Town	9"	RCC	1148.15	67444.0521	1000	58741.49904	126185.5512	26	1992	6-10	C	L	T	10	12"	58.74149904
20287	Iqbal Town	Johar Town	9"	RCC	1148.15	224657.992	1000	195669.5484	420327.5404	26	1992	6-10	C	L	T	10	12"	195.6695484
20288	Iqbal Town	Johar Town	12"	RCC	1667.2	145778.566	1000	87439.15895	233217.7247	26	1992	6-10	C	L	T	10	18"	87.43915895
20289	Iqbal Town	Johar Town	9"	RCC	1148.15	530738.299	1000	462255.1919	992993.4905	26	1992	6-10	C	L	T	10	12"	462.2551919
20290	Iqbal Town	Johar Town	9"	RCC	1148.15	444132.96	1000	386824.857	830957.8166	26	1992	6-10	C	L	T	10	12"	386.824857
20291	Iqbal Town	Johar Town	9"	RCC	1148.15	217973.702	1000	189847.7565	407821.4581	26	1992	6-10	C	L	T	10	12"	189.8477565
20292	Iqbal Town	Johar Town	9"	RCC	1148.15	156273.458	1000	136108.9214	292382.3795	26	1992	6-10	C	L	T	10	12"	136.1089214
20293	Iqbal Town	Johar Town	9"	RCC	1148.15	168831.136	1000	147046.2365	315877.3728	26	1992	6-10	C	L	T	10	12"	147.0462365
20294	Iqbal Town	Johar Town	9"	RCC	1148.15	31605.7196	1000	27527.5178	59133.23737	26	1992	6-10	C	L	T	10	12"	27.5275178
20295	Iqbal Town	Johar Town	9"	RCC	1148.15	370312.179	1000	322529.4423	692841.6215	26	1992	6-10	C	M	S	10	12"	322.5294423
20296	Iqbal Town	Johar Town	12"	RCC	1667.2	476644.308	1000	285895.0981	762539.4056	26	1992	6-10	C	M	S	10	18"	285.8950981
20297	Iqbal Town	Johar Town	18"	RCC	2560.7	477172.116	2000	372688.8082	849860.9238	26	1992	6-10	C	M	S	10	24"	186.3444041
20298	Iqbal Town	Johar Town	15"	RCC	2560.7	681847.511	2000	532547.7492	1214395.26	26	1992	6-10	C	M	S	10	18"	266.2738746

20299	Iqbal Town	Johar Town	9"	RCC	1148.15	214727.51	1000	187020.4325	401747.942	26	1992	6-10	C	L	T	10	12"	187.0204325
20300	Iqbal Town	Johar Town	9"	RCC	1148.15	169546.97	1000	147669.7032	317216.6729	26	1992	6-10	C	L	T	10	12"	147.6697032
20301	Iqbal Town	Johar Town	9"	RCC	1148.15	196371.508	1000	171032.9732	367404.4813	26	1992	6-10	C	L	T	10	12"	171.0329732
20302	Iqbal Town	Johar Town	9"	RCC	1148.15	175873.111	1000	153179.5589	329052.6694	26	1992	6-10	C	L	T	10	12"	153.1795589
20303	Iqbal Town	Johar Town	9"	RCC	1148.15	33494.7045	1000	29172.76013	62667.46468	26	1992	6-10	C	L	T	10	9"	29.17276013
20304	Iqbal Town	Johar Town	9"	RCC	1148.15	91026.9559	1000	79281.41437	170308.3703	26	1992	6-10	C	L	T	10	9"	79.28141437
20305	Iqbal Town	Johar Town	9"	RCC	1148.15	95463.1574	1000	83145.19651	178608.3539	26	1992	6-10	C	L	T	10	9"	83.14519651
20306	Iqbal Town	Johar Town	9"	RCC	1148.15	105036.701	1000	91483.43075	196520.1318	26	1992	6-10	C	L	T	10	9"	91.48343075
20307	Iqbal Town	Johar Town	9"	RCC	1148.15	127044.147	1000	110651.1754	237695.3224	26	1992	6-10	C	L	T	10	9"	110.6511754
20308	Iqbal Town	Johar Town	9"	RCC	1148.15	128452.654	1000	111877.9374	240330.5912	26	1992	6-10	C	L	T	10	9"	111.8779374
20309	Iqbal Town	Johar Town	9"	RCC	1148.15	188055.063	1000	163789.6293	351844.6922	26	1992	6-10	C	L	T	10	9"	163.7896293
20310	Iqbal Town	Johar Town	9"	RCC	1148.15	152467.676	1000	132794.2129	285261.8884	26	1992	6-10	C	L	T	10	9"	132.7942129
20311	Iqbal Town	Johar Town	9"	RCC	1148.15	260130.608	1000	226565.003	486695.6112	26	1992	6-10	C	L	T	10	12"	226.565003
20312	Iqbal Town	Johar Town	9"	RCC	1148.15	209614.919	1000	182567.5385	392182.4579	26	1992	6-10	C	L	T	10	12"	182.5675385
20313	Iqbal Town	Johar Town	9"	RCC	1148.15	334756.001	1000	291561.2079	626317.2089	26	1992	6-10	C	L	T	10	12"	291.5612079
20314	Iqbal Town	Johar Town	9"	RCC	1148.15	134437.223	1000	117090.2955	251527.5184	26	1992	6-10	C	L	T	10	12"	117.0902955
20315	Iqbal Town	Johar Town	9"	RCC	1148.15	129889.283	1000	113129.193	243018.476	26	1992	6-10	C	L	T	10	12"	113.129193
20316	Iqbal Town	Johar Town	9"	RCC	1148.15	28102.2914	1000	24476.1498	52578.44119	26	1992	6-10	C	L	T	10	12"	24.4761498
20317	Iqbal Town	Johar Town	9"	RCC	1148.15	259676.056	1000	226169.1032	485845.1591	26	1992	6-10	C	L	T	10	12"	226.1691032
20318	Iqbal Town	Johar Town	9"	RCC	1148.15	247849.444	1000	215868.522	463717.9655	26	1992	6-10	C	L	T	10	12"	215.868522
20319	Iqbal Town	Johar Town	9"	RCC	1148.15	229543.892	1000	199925.0027	429468.8945	26	1992	6-10	C	L	T	10	12"	199.9250027
20320	Iqbal Town	Johar Town	9"	RCC	1148.15	218883.355	1000	190640.0338	409523.3886	26	1992	6-10	C	L	T	10	12"	190.6400338
20321	Iqbal Town	Johar Town	9"	RCC	1148.15	80728.7062	1000	70311.98557	151040.6918	26	1992	6-10	C	L	T	10	12"	70.31198557
20322	Iqbal Town	Johar Town	12"	RCC	1667.2	601770.538	1000	360946.8197	962717.3574	26	1992	6-10	C	L	T	10	15"	360.9468197
20323	Iqbal Town	Johar Town	9"	RCC	1148.15	198269.717	1000	172686.2491	370955.9659	26	1992	6-10	C	L	T	10	9"	172.6862491

20324	Iqbal Town	Johar Town	9"	RCC	1148.15	402909.289	1000	350920.4277	753829.7168	26	1992	6-10	C	L	T	10	12"	350.9204277
20325	Iqbal Town	Johar Town	9"	RCC	1148.15	198511.861	1000	172897.1487	371409.01	26	1992	6-10	C	L	T	10	12"	172.8971487
20326	Iqbal Town	Johar Town	9"	RCC	1148.15	132766.132	1000	115634.8321	248400.9646	26	1992	6-10	C	M	S	10	9"	115.6348321
20327	Iqbal Town	Johar Town	9"	RCC	1148.15	348747.661	1000	303747.4729	652495.1338	26	1992	6-10	C	L	T	10	12"	303.7474729
20328	Iqbal Town	Johar Town	9"	RCC	1148.15	57802.0724	1000	50343.65927	108145.7317	26	1992	6-10	C	L	T	10	12"	50.34365927
20329	Iqbal Town	Johar Town	9"	RCC	1148.15	87835.6152	1000	76501.86401	164337.4792	26	1992	6-10	C	L	T	10	12"	76.50186401
20330	Iqbal Town	Johar Town	9"	RCC	1148.15	88123.4908	1000	76752.59404	164876.0849	26	1992	6-10	C	L	T	10	12"	76.75259404
20331	Iqbal Town	Johar Town	9"	RCC	1148.15	61656.1701	1000	53700.4486	115356.6187	26	1992	6-10	C	L	T	10	12"	53.7004486
20332	Iqbal Town	Johar Town	9"	RCC	1148.15	49644.7097	1000	43238.87098	92883.58069	26	1992	6-10	C	L	T	10	12"	43.23887098
20333	Iqbal Town	Johar Town	9"	RCC	1148.15	150534.514	1000	131110.4945	281645.0087	26	1992	6-10	C	L	T	10	9"	131.1104945
20334	Iqbal Town	Johar Town	9"	RCC	1148.15	61364.3779	1000	53446.30743	114810.6853	26	1992	6-10	C	L	T	10	9"	53.44630743
20335	Iqbal Town	Johar Town	9"	RCC	1148.15	50059.9794	1000	43600.55686	93660.53622	26	1992	6-10	C	L	T	10	9"	43.60055686
20336	Iqbal Town	Johar Town	12"	RCC	1667.2	886853.151	1000	531941.6691	1418794.82	26	1992	6-10	C	L	T	10	15"	531.9416691
20337	Iqbal Town	Johar Town	9"	RCC	1148.15	390366.719	1000	339996.2711	730362.9897	26	1992	6-10	C	L	T	10	12"	339.9962711
20338	Iqbal Town	Johar Town	18"	RCC	2560.7	421978.821	2000	329580.8342	751559.6552	26	1992	6-10	C	M	S	10	24"	164.7904171
20339	Iqbal Town	Johar Town	12"	RCC	1667.2	678115.908	1000	406739.3881	1084855.296	26	1992	6-10	C	L	T	10	15"	406.7393881
20340	Iqbal Town	Johar Town	9"	RCC	1148.15	125270.136	1000	109106.0711	234376.2066	26	1992	6-10	C	L	T	10	9"	109.1060711
20341	Iqbal Town	Johar Town	9"	RCC	1148.15	505523.894	1000	440294.2943	945818.1884	26	1992	4-5	C	L	T	5	12"	440.2942943
20342	Iqbal Town	Johar Town	9"	RCC	1148.15	120599.225	1000	105037.8654	225637.0905	26	1992	4-5	C	L	T	5	12"	105.0378654
20343	Iqbal Town	Johar Town	9"	RCC	1148.15	127881.582	1000	111380.553	239262.1349	26	1992	6-10	C	L	T	10	9"	111.380553
20344	Iqbal Town	Johar Town	9"	RCC	1148.15	249486.179	1000	217294.0637	466780.243	26	1992	4-5	C	L	T	5	12"	217.2940637
20345	Iqbal Town	Johar Town	12"	RCC	1667.2	281148.538	1000	168635.1597	449783.6979	26	1992	6-10	C	L	T	10	15"	168.6351597
20346	Iqbal Town	Johar Town	12"	RCC	1667.2	303850.308	1000	182251.8644	486102.1726	26	1992	6-10	C	L	T	10	15"	182.2518644
20347	Iqbal Town	Johar Town	9"	RCC	1148.15	147132.869	1000	128147.7763	275280.6457	26	1992	6-10	C	L	T	10	9"	128.1477763
20348	Iqbal Town	Johar Town	9"	RCC	1148.15	60798.0789	1000	52953.08006	113751.1589	26	1992	6-10	C	L	T	10	9"	52.95308006

20349	Iqbal Town	Johar Town	9"	RCC	1148.15	125671.828	1000	109455.9314	235127.759	26	1992	6-10	C	L	T	10	9"	109.4559314
20350	Iqbal Town	Johar Town	9"	RCC	1148.15	147443.991	1000	128418.7524	275862.743	26	1992	6-10	C	L	T	10	9"	128.4187524
20351	Iqbal Town	Johar Town	9"	RCC	1148.15	109279.785	1000	95179.01385	204458.7986	26	1992	6-10	C	L	T	10	9"	95.17901385
20352	Iqbal Town	Johar Town	9"	RCC	1148.15	340720.52	1000	296756.1033	637476.6232	26	1992	6-10	C	L	T	10	9"	296.7561033
20353	Iqbal Town	Johar Town	9"	RCC	1148.15	335758.909	1000	292434.7072	628193.6163	26	1992	6-10	C	L	T	10	9"	292.4347072
20354	Iqbal Town	Johar Town	9"	RCC	1148.15	124348.258	1000	108303.1466	232651.4043	26	1992	6-10	C	L	T	10	9"	108.3031466
20355	Iqbal Town	Johar Town	9"	RCC	1148.15	194080.199	1000	169037.3202	363117.5193	26	1992	6-10	C	L	T	10	12"	169.0373202
20356	Iqbal Town	Johar Town	9"	RCC	1148.15	186274.219	1000	162238.5744	348512.7937	26	1992	6-10	C	L	T	10	12"	162.2385744
20357	Iqbal Town	Johar Town	9"	RCC	1148.15	73418.5209	1000	63945.06025	137363.5812	26	1992	6-10	C	L	T	10	12"	63.94506025
20358	Iqbal Town	Johar Town	9"	RCC	1148.15	74295.2746	1000	64708.68318	139003.9578	26	1992	6-10	C	L	T	10	12"	64.70868318
20359	Iqbal Town	Johar Town	9"	RCC	1148.15	187875.694	1000	163633.4054	351509.0997	26	1992	6-10	C	L	T	10	12"	163.6334054
20360	Iqbal Town	Johar Town	9"	RCC	1148.15	213498.607	1000	185950.1001	399448.7076	26	1992	6-10	C	L	T	10	12"	185.9501001
20361	Iqbal Town	Johar Town	9"	RCC	1148.15	105120.217	1000	91556.17019	196676.387	26	1992	6-10	C	L	T	10	12"	91.55617019
20362	Iqbal Town	Johar Town	12"	RCC	1667.2	265456.548	1000	159222.9777	424679.526	26	1992	6-10	C	L	T	10	12"	159.2229777
20363	Iqbal Town	Johar Town	9"	RCC	1148.15	133015.087	1000	115851.6633	248866.7506	26	1992	6-10	C	L	T	10	9"	115.8516633
20364	Iqbal Town	Johar Town	9"	RCC	1148.15	127181.171	1000	110770.5188	237951.6901	26	1992	6-10	C	L	T	10	9"	110.7705188
20365	Iqbal Town	Johar Town	9"	RCC	1148.15	125261.777	1000	109098.7915	234360.569	26	1992	6-10	C	L	T	10	9"	109.0987915
20366	Iqbal Town	Johar Town	9"	RCC	1148.15	120599.121	1000	105037.7745	225636.8954	26	1992	6-10	C	L	T	10	9"	105.0377745
20367	Iqbal Town	Johar Town	9"	RCC	1148.15	188111.927	1000	163839.1564	351951.0839	26	1992	6-10	C	L	T	10	9"	163.8391564
20368	Iqbal Town	Johar Town	9"	RCC	1148.15	354107.929	1000	308416.0859	662524.015	26	1992	6-10	C	L	T	10	12"	308.4160859
20369	Iqbal Town	Johar Town	9"	RCC	1148.15	281758.56	1000	245402.2211	527160.7812	26	1992	6-10	C	L	T	10	12"	245.4022211
20370	Iqbal Town	Johar Town	9"	RCC	1148.15	272350.616	1000	237208.2181	509558.8337	26	1992	6-10	C	L	T	10	12"	237.2082181
20371	Iqbal Town	Johar Town	9"	RCC	1148.15	102489.966	1000	89265.31056	191755.2769	26	1992	6-10	C	L	T	10	12"	89.26531056
20372	Iqbal Town	Johar Town	9"	RCC	1148.15	130668.488	1000	113807.8541	244476.3418	26	1992	6-10	C	L	T	10	12"	113.8078541
20373	Iqbal Town	Johar Town	9"	RCC	1148.15	143300.483	1000	124809.8968	268110.3799	26	1992	6-10	C	L	T	10	12"	124.8098968

20374	Iqbal Town	Johar Town	9"	RCC	1148.15	127370.831	1000	110935.706	238306.5369	26	1992	6-10	C	L	T	10	12"	110.935706
20375	Iqbal Town	Johar Town	9"	RCC	1148.15	70164.9526	1000	61111.31176	131276.2643	26	1992	6-10	C	L	T	10	12"	61.11131176
20376	Iqbal Town	Johar Town	9"	RCC	1148.15	133112.171	1000	115936.2199	249048.3908	26	1992	6-10	C	L	T	10	9"	115.9362199
20377	Iqbal Town	Johar Town	9"	RCC	1148.15	437068.545	1000	380671.9898	817740.5349	26	1992	6-10	C	L	T	10	9"	380.6719898
20378	Iqbal Town	Johar Town	9"	RCC	1148.15	298607.919	1000	260077.4455	558685.3645	26	1992	6-10	C	L	T	10	9"	260.0774455
20379	Iqbal Town	Johar Town	9"	RCC	1148.15	65446.5681	1000	57001.75769	122448.3258	26	1992	6-10	C	L	T	10	9"	57.00175769
20380	Iqbal Town	Johar Town	12"	RCC	1667.2	1069413.86	1000	641443.052	1710856.908	26	1992	6-10	C	L	T	10	15"	641.443052
20381	Iqbal Town	Johar Town	9"	RCC	1148.15	199178.173	1000	173477.4837	372655.6566	26	1992	6-10	C	L	T	10	9"	173.4774837
20382	Iqbal Town	Johar Town	9"	RCC	1148.15	313151.333	1000	272744.2695	585895.6025	26	1992	6-10	C	L	T	10	9"	272.7442695
20383	Iqbal Town	Johar Town	9"	RCC	1148.15	178619.249	1000	155571.3534	334190.6028	26	1992	6-10	C	L	T	10	9"	155.5713534
20384	Iqbal Town	Johar Town	9"	RCC	1148.15	274557.693	1000	239130.5081	513688.201	26	1992	6-10	C	L	T	10	12"	239.1305081
20385	Iqbal Town	Johar Town	9"	RCC	1148.15	201087.032	1000	175140.0358	376227.068	26	1992	6-10	C	L	T	10	9"	175.1400358
20386	Iqbal Town	Johar Town	9"	RCC	1148.15	54560.9135	1000	47520.71897	102081.6324	26	1992	6-10	C	L	T	10	9"	47.52071897
20387	Iqbal Town	Johar Town	9"	RCC	1148.15	187529.428	1000	163331.8192	350861.2474	26	1992	6-10	C	L	T	10	9"	163.3318192
20388	Iqbal Town	Johar Town	9"	RCC	1148.15	135793.479	1000	118271.549	254065.0281	26	1992	6-10	C	L	T	10	9"	118.271549
20389	Iqbal Town	Johar Town	9"	RCC	1148.15	130348.925	1000	113529.5259	243878.4511	26	1992	6-10	C	L	T	10	9"	113.5295259
20390	Iqbal Town	Johar Town	9"	RCC	1148.15	580524.683	1000	505617.4565	1086142.139	26	1992	6-10	C	L	T	10	12"	505.6174565
20391	Iqbal Town	Johar Town	9"	RCC	1148.15	224153.232	1000	195229.9191	419383.1508	26	1992	6-10	C	L	T	10	9"	195.2299191
20392	Iqbal Town	Johar Town	9"	RCC	1148.15	222692.873	1000	193957.9955	416650.868	26	1992	6-10	C	L	T	10	9"	193.9579955
20393	Iqbal Town	Johar Town	9"	RCC	1148.15	100810.803	1000	87802.81546	188613.618	26	1992	6-10	C	L	T	10	9"	87.80281546
20394	Iqbal Town	Johar Town	9"	RCC	1148.15	306064.106	1000	266571.5331	572635.6387	26	1992	6-10	C	L	T	10	9"	266.5715331
20395	Iqbal Town	Johar Town	9"	RCC	1148.15	194495.026	1000	169398.6204	363893.6463	26	1992	6-10	C	L	T	10	9"	169.3986204
20396	Iqbal Town	Johar Town	9"	RCC	1148.15	208315.958	1000	181436.187	389752.1451	26	1992	6-10	C	L	T	10	9"	181.436187
20397	Iqbal Town	Johar Town	9"	RCC	1148.15	162249.043	1000	141313.4549	303562.4981	26	1992	6-10	C	L	T	10	9"	141.3134549
20398	Iqbal Town	Johar Town	9"	RCC	1148.15	162420.01	1000	141462.361	303882.3707	26	1992	6-10	C	L	T	10	9"	141.462361

20399	Iqbal Town	Johar Town	9"	RCC	1148.15	303876.581	1000	264666.2729	568542.8541	26	1992	6-10	C	L	T	10	9"	264.6662729
20400	Iqbal Town	Johar Town	9"	RCC	1148.15	222667.033	1000	193935.4901	416602.523	26	1992	6-10	C	L	T	10	9"	193.9354901
20401	Iqbal Town	Johar Town	9"	RCC	1148.15	371221.949	1000	323321.8214	694543.7706	26	1992	6-10	C	L	T	10	12"	323.3218214
20402	Iqbal Town	Johar Town	18"	RCC	2560.7	233718.784	2000	182542.886	416261.6702	26	1992	6-10	C	M	S	10	24"	91.27144302
20403	Iqbal Town	Johar Town	15"	RCC	2560.7	657559.345	2000	513577.8072	1171137.153	26	1992	6-10	C	M	S	10	18"	256.7889036
20404	Iqbal Town	Johar Town	12"	RCC	1667.2	399448.544	1000	239592.4569	639041.0009	26	1992	6-10	C	L	T	10	12"	239.5924569
20405	Iqbal Town	Johar Town	15"	RCC	2560.7	346115.065	2000	270328.4767	616443.5418	26	1992	6-10	C	L	T	10	18"	135.1642384
20406	Iqbal Town	Johar Town	12"	RCC	1667.2	841351.849	1000	504649.6215	1346001.47	26	1992	6-10	C	L	T	10	15"	504.6496215
20407	Iqbal Town	Johar Town	9"	RCC	1148.15	252783.543	1000	220165.9565	472949.4995	26	1992	6-10	C	L	T	10	9"	220.1659565
20408	Iqbal Town	Johar Town	9"	RCC	1148.15	289518.789	1000	252161.1194	541679.9087	26	1992	6-10	C	L	T	10	9"	252.1611194
20409	Iqbal Town	Johar Town	9"	RCC	1148.15	124451.561	1000	108393.1206	232844.6821	26	1992	6-10	C	L	T	10	9"	108.3931206
20410	Iqbal Town	Johar Town	9"	RCC	1148.15	291563.322	1000	253941.8384	545505.1602	26	1992	6-10	C	L	T	10	9"	253.9418384
20411	Iqbal Town	Johar Town	9"	RCC	1148.15	169343.873	1000	147492.8126	316836.6853	26	1992	6-10	C	L	T	10	9"	147.4928126
20412	Iqbal Town	Johar Town	9"	RCC	1148.15	175154.428	1000	152553.6109	327708.0392	26	1992	6-10	C	L	T	10	9"	152.5536109
20413	Iqbal Town	Johar Town	9"	RCC	1148.15	314403.045	1000	273834.4683	588237.5131	26	1992	6-10	C	L	T	10	9"	273.8344683
20414	Iqbal Town	Johar Town	9"	RCC	1148.15	222362.062	1000	193669.8706	416031.9326	26	1992	6-10	C	L	T	10	9"	193.6698706
20415	Iqbal Town	Johar Town	9"	RCC	1148.15	219840.568	1000	191473.7339	411314.3016	26	1992	6-10	C	L	T	10	9"	191.4737339
20416	Iqbal Town	Johar Town	9"	RCC	1148.15	220919.246	1000	192413.2268	413332.4732	26	1992	6-10	C	L	T	10	9"	192.4132268
20417	Iqbal Town	Johar Town	9"	RCC	1148.15	146517.241	1000	127611.5849	274128.8261	26	1992	6-10	C	L	T	10	9"	127.6115849
20418	Iqbal Town	Johar Town	9"	RCC	1148.15	146711.341	1000	127780.639	274491.9796	26	1992	6-10	C	L	T	10	9"	127.780639
20419	Iqbal Town	Johar Town	9"	RCC	1148.15	221897.938	1000	193265.6345	415163.5728	26	1992	6-10	C	L	T	10	9"	193.2656345
20420	Iqbal Town	Johar Town	9"	RCC	1148.15	220479.038	1000	192029.8201	412508.858	26	1992	6-10	C	L	T	10	9"	192.0298201
20421	Iqbal Town	Johar Town	9"	RCC	1148.15	106126.638	1000	92432.72914	198559.3671	26	1992	6-10	C	L	T	10	9"	92.43272914
20422	Iqbal Town	Johar Town	9"	RCC	1148.15	100343.613	1000	87395.90878	187739.5215	26	1992	6-10	C	L	T	10	9"	87.39590878
20423	Iqbal Town	Johar Town	9"	RCC	1148.15	665017.993	1000	579208.2853	1244226.278	26	1992	6-10	C	L	T	10	9"	579.2082853

20424	Iqbal Town	Johar Town	9"	RCC	1148.15	133480.273	1000	116256.824	249737.0965	26	1992	6-10	C	L	T	10	9"	116.256824
20425	Iqbal Town	Johar Town	9"	RCC	1148.15	140333.984	1000	122226.176	262560.1599	26	1992	6-10	C	L	T	10	9"	122.226176
20426	Iqbal Town	Johar Town	9"	RCC	1148.15	151572.864	1000	132014.8625	283587.7269	26	1992	6-10	C	L	T	10	9"	132.0148625
20427	Iqbal Town	Johar Town	9"	RCC	1148.15	170612.772	1000	148597.9811	319210.7532	26	1992	6-10	C	L	T	10	9"	148.5979811
20428	Iqbal Town	Johar Town	9"	RCC	1148.15	273428.695	1000	238147.1886	511575.8833	26	1992	6-10	C	L	T	10	9"	238.1471886
20429	Iqbal Town	Johar Town	9"	RCC	1148.15	75328.2853	1000	65608.40069	140936.6859	26	1992	6-10	C	L	T	10	9"	65.60840069
20430	Iqbal Town	Johar Town	9"	RCC	1148.15	626610.081	1000	545756.287	1172366.368	26	1992	6-10	C	L	T	10	12"	545.756287
20431	Iqbal Town	Johar Town	9"	RCC	1148.15	261917.808	1000	228121.5938	490039.4016	26	1992	6-10	C	L	T	10	9"	228.1215938
20432	Iqbal Town	Johar Town	9"	RCC	1148.15	120749.778	1000	105168.9916	225918.7693	26	1992	6-10	C	L	T	10	9"	105.1689916
20433	Iqbal Town	Johar Town	18"	RCC	2560.7	50131.9552	2000	39154.88355	89286.83871	26	1992	6-10	C	M	S	10	24"	19.57744178
20434	Iqbal Town	Johar Town	12"	RCC	1667.2	507493.809	1000	304398.8778	811892.687	26	1992	6-10	C	L	T	10	15"	304.3988778
20435	Iqbal Town	Johar Town	12"	RCC	1667.2	285478.721	1000	171232.4383	456711.1594	26	1992	6-10	C	L	T	10	15"	171.2324383
20436	Iqbal Town	Johar Town	9"	RCC	1148.15	99434.3624	1000	86603.98244	186038.3449	26	1992	6-10	C	L	T	10	9"	86.60398244
20437	Iqbal Town	Johar Town	9"	RCC	1148.15	145192.345	1000	126457.6452	271649.9905	26	1992	6-10	C	L	T	10	9"	126.4576452
20438	Iqbal Town	Johar Town	9"	RCC	1148.15	441127.456	1000	384207.1643	825334.62	26	1992	6-10	C	L	T	10	9"	384.2071643
20439	Iqbal Town	Johar Town	9"	RCC	1148.15	75030.7087	1000	65349.2215	140379.9302	26	1992	6-10	C	L	T	10	9"	65.3492215
20440	Iqbal Town	Johar Town	9"	RCC	1148.15	321917.65	1000	280379.4368	602297.0872	26	1992	6-10	C	L	T	10	9"	280.3794368
20441	Iqbal Town	Johar Town	9"	RCC	1148.15	111074.918	1000	96742.51421	207817.4319	26	1992	6-10	C	L	T	10	9"	96.74251421
20442	Iqbal Town	Johar Town	9"	RCC	1148.15	125915.928	1000	109668.5342	235584.4618	26	1992	6-10	C	L	T	10	9"	109.6685342
20443	Iqbal Town	Johar Town	9"	RCC	1148.15	123403.91	1000	107480.6515	230884.5615	26	1992	6-10	C	L	T	10	9"	107.4806515
20444	Iqbal Town	Johar Town	9"	RCC	1148.15	354672.659	1000	308907.947	663580.6063	26	1992	6-10	C	L	T	10	9"	308.907947
20445	Iqbal Town	Johar Town	9"	RCC	1148.15	99292.7256	1000	86480.62149	185773.347	26	1992	6-10	C	L	T	10	9"	86.48062149
20446	Iqbal Town	Johar Town	9"	RCC	1148.15	227845.904	1000	198446.1122	426292.016	26	1992	6-10	C	L	T	10	12"	198.4461122
20447	Iqbal Town	Johar Town	9"	RCC	1148.15	357220.38	1000	311126.9258	668347.3057	26	1992	6-10	C	L	T	10	15"	311.1269258
20448	Iqbal Town	Johar Town	12"	RCC	1667.2	584074.126	1000	350332.3695	934406.4958	26	1992	6-10	C	L	T	10	18"	350.3323695

20449	Iqbal Town	Johar Town	18"	RCC	2560.7	68602.1113	2000	53580.7485	122182.8598	26	1992	6-10	C	M	S	10	24"	26.79037425
20450	Iqbal Town	Johar Town	15"	RCC	2560.7	212231.381	2000	165760.4416	377991.8231	26	1992	6-10	C	M	S	10	18"	82.88022082
20451	Iqbal Town	Johar Town	12"	RCC	1667.2	395961.063	1000	237500.6375	633461.7003	26	1992	6-10	C	L	T	10	15"	237.5006375
20452	Iqbal Town	Johar Town	12"	RCC	1667.2	259234.379	1000	155490.8704	414725.2495	26	1992	6-10	C	L	T	10	15"	155.4908704
20453	Iqbal Town	Johar Town	12"	RCC	1667.2	279388.343	1000	167579.3804	446967.7233	26	1992	6-10	C	L	T	10	15"	167.5793804
20454	Iqbal Town	Johar Town	9"	RCC	1148.15	261670.863	1000	227906.5135	489577.377	26	1992	6-10	C	L	T	10	9"	227.9065135
20455	Iqbal Town	Johar Town	9"	RCC	1148.15	148408.224	1000	129258.5672	277666.791	26	1992	6-10	C	L	T	10	9"	129.2585672
20456	Iqbal Town	Johar Town	9"	RCC	1148.15	99545.2094	1000	86700.52637	186245.7357	26	1992	6-10	C	L	T	10	9"	86.70052637
20457	Iqbal Town	Johar Town	9"	RCC	1148.15	122009.006	1000	106265.7368	228274.7426	26	1992	6-10	C	L	T	10	9"	106.2657368
20458	Iqbal Town	Johar Town	9"	RCC	1148.15	118156.838	1000	102910.6288	221067.4672	26	1992	6-10	C	L	T	10	9"	102.9106288
20459	Iqbal Town	Johar Town	9"	RCC	1148.15	175515.356	1000	152867.9664	328383.3221	26	1992	6-10	C	L	T	10	9"	152.8679664
20460	Iqbal Town	Johar Town	9"	RCC	1148.15	95389.4207	1000	83080.97432	178470.395	26	1992	6-10	C	L	T	10	9"	83.08097432
20461	Iqbal Town	Johar Town	9"	RCC	1148.15	224110.188	1000	195192.4294	419302.6171	26	1992	6-10	C	L	T	10	9"	195.1924294
20462	Iqbal Town	Johar Town	9"	RCC	1148.15	86790.4726	1000	75591.58004	162382.0527	26	1992	6-10	C	L	T	10	9"	75.59158004
20463	Iqbal Town	Johar Town	9"	RCC	1148.15	173286.484	1000	150926.6945	324213.1789	26	1992	6-10	C	L	T	10	9"	150.9266945
20464	Iqbal Town	Johar Town	9"	RCC	1148.15	56284.3377	1000	49021.76347	105306.1012	26	1992	6-10	C	L	T	10	9"	49.02176347
20465	Iqbal Town	Johar Town	9"	RCC	1148.15	337930.886	1000	294326.4258	632257.3115	26	1992	6-10	C	L	T	10	12"	294.3264258
20466	Iqbal Town	Johar Town	9"	RCC	1148.15	337492.806	1000	293944.8732	631437.6793	26	1992	6-10	C	L	T	10	9"	293.9448732
20467	Iqbal Town	Johar Town	12"	RCC	1667.2	727548.147	1000	436389.2438	1163937.391	26	1992	6-10	C	L	T	10	18"	436.3892438
20468	Iqbal Town	Johar Town	9"	RCC	1148.15	282739.23	1000	246256.3516	528995.5817	26	1992	6-10	C	L	T	10	9"	246.2563516
20469	Iqbal Town	Johar Town	9"	RCC	1148.15	283091.707	1000	246563.347	529655.0538	26	1992	6-10	C	L	T	10	12"	246.563347
20470	Iqbal Town	Johar Town	9"	RCC	1148.15	281150.16	1000	244872.3254	526022.4857	26	1992	6-10	C	L	T	10	12"	244.8723254
20471	Iqbal Town	Johar Town	9"	RCC	1148.15	253186.371	1000	220516.8065	473703.1778	26	1992	6-10	C	L	T	10	9"	220.5168065
20472	Iqbal Town	Johar Town	9"	RCC	1148.15	251173.852	1000	218763.9699	469937.8219	26	1992	6-10	C	L	T	10	9"	218.7639699
20473	Iqbal Town	Johar Town	9"	RCC	1148.15	143861.062	1000	125298.1425	269159.2048	26	1992	6-10	C	L	T	10	9"	125.2981425

20474	Iqbal Town	Johar Town	9"	RCC	1148.15	145109.284	1000	126385.3017	271494.5858	26	1992	6-10	C	L	T	10	9"	126.3853017
20475	Iqbal Town	Johar Town	9"	RCC	1148.15	205994.716	1000	179414.4635	385409.1798	26	1992	6-10	C	L	T	10	9"	179.4144635
20476	Iqbal Town	Johar Town	9"	RCC	1148.15	255159.212	1000	222235.0845	477394.2968	26	1992	6-10	C	L	T	10	9"	222.2350845
20477	Iqbal Town	Johar Town	9"	RCC	1148.15	209434.484	1000	182410.3857	391844.8701	26	1992	6-10	C	L	T	10	9"	182.4103857
20478	Iqbal Town	Johar Town	9"	RCC	1148.15	270483.102	1000	235581.6764	506064.7781	26	1992	6-10	C	L	T	10	9"	235.5816764
20479	Iqbal Town	Johar Town	9"	RCC	1148.15	279599.358	1000	243521.6285	523120.9863	26	1992	6-10	C	L	T	10	9"	243.5216285
20480	Iqbal Town	Johar Town	9"	RCC	1148.15	399559.824	1000	348003.1566	747562.9809	26	1992	6-10	C	L	T	10	9"	348.0031566
20481	Iqbal Town	Johar Town	9"	RCC	1148.15	141350.115	1000	123111.1918	264461.3066	26	1992	6-10	C	L	T	10	9"	123.1111918
20482	Iqbal Town	Johar Town	9"	RCC	1148.15	146769.317	1000	127831.1344	274600.4513	26	1992	6-10	C	L	T	10	9"	127.8311344
20483	Iqbal Town	Johar Town	9"	RCC	1148.15	219266.123	1000	190973.4117	410239.5344	26	1992	6-10	C	L	T	10	9"	190.9734117
20484	Iqbal Town	Johar Town	9"	RCC	1148.15	148429.309	1000	129276.9312	277706.2399	26	1992	6-10	C	L	T	10	9"	129.2769312
20485	Iqbal Town	Johar Town	9"	RCC	1148.15	240367.753	1000	209352.2212	449719.974	26	1992	6-10	C	L	T	10	12"	209.3522212
20486	Iqbal Town	Johar Town	9"	RCC	1148.15	228597.808	1000	199100.9956	427698.8037	26	1992	6-10	C	L	T	10	9"	199.1009956
20487	Iqbal Town	Johar Town	9"	RCC	1148.15	77890.649	1000	67840.13326	145730.7823	26	1992	6-10	C	L	T	10	9"	67.84013326
20488	Iqbal Town	Johar Town	9"	RCC	1148.15	423327.403	1000	368703.9173	792031.3199	26	1992	6-10	C	L	T	10	9"	368.7039173
20489	Iqbal Town	Johar Town	12"	RCC	1667.2	522511.284	1000	313406.4806	835917.765	26	1992	6-10	C	L	T	10	15"	313.4064806
20490	Iqbal Town	Johar Town	9"	RCC	1148.15	348105.579	1000	303188.2413	651293.8206	26	1992	6-10	C	L	T	10	12"	303.1882413
20491	Iqbal Town	Johar Town	9"	RCC	1148.15	398282.941	1000	346891.0347	745173.9761	26	1992	6-10	C	L	T	10	9"	346.8910347
20492	Iqbal Town	Johar Town	9"	RCC	1148.15	653673.823	1000	569327.8955	1223001.719	26	1992	6-10	C	L	T	10	12"	569.3278955
20493	Iqbal Town	Johar Town	9"	RCC	1148.15	265341.162	1000	231103.2196	496444.3813	26	1992	6-10	C	L	T	10	9"	231.1032196
20494	Iqbal Town	Johar Town	15"	RCC	2560.7	68516.6179	2000	53513.97498	122030.5928	26	1992	6-10	C	M	S	10	18"	26.75698749
20495	Iqbal Town	Johar Town	12"	RCC	1667.2	442965.493	1000	265694.2737	708659.7667	26	1992	6-10	C	L	T	10	15"	265.6942737
20496	Iqbal Town	Johar Town	9"	RCC	1148.15	347839.205	1000	302956.2387	650795.4441	26	1992	6-10	C	L	T	10	9"	302.9562387
20497	Iqbal Town	Johar Town	9"	RCC	1148.15	459104.956	1000	399864.9617	858969.9174	26	1992	6-10	C	L	T	10	9"	399.8649617
20498	Iqbal Town	Johar Town	9"	RCC	1148.15	183878.182	1000	160151.707	344029.8893	26	1992	6-10	C	L	T	10	9"	160.151707

20499	Iqbal Town	Johar Town	9"	RCC	1148.15	293496.03	1000	255625.1621	549121.192	26	1992	6-10	C	L	T	10	9"	255.6251621
20500	Iqbal Town	Johar Town	9"	RCC	1148.15	21088.7497	1000	18367.5911	39456.34082	26	1992	6-10	C	L	T	10	12"	18.3675911
20501	Iqbal Town	Johar Town	30"	RCC	5197.5	5116327.53	3000	2953147.204	8069474.735	26	1992	6-10	C	H	P	10	36"	984.3824013
20502	Iqbal Town	Johar Town	9"	RCC	1148.15	260167.747	1000	226597.35	486765.0974	26	1992	6-10	C	L	T	10	12"	226.59735
20503	Iqbal Town	Johar Town	9"	RCC	1148.15	175447.867	1000	152809.1862	328257.0534	26	1992	6-10	C	L	T	10	9"	152.8091862
20504	Iqbal Town	Johar Town	9"	RCC	1148.15	618577.039	1000	538759.7782	1157336.818	26	1992	6-10	C	L	T	10	9"	538.7597782
20505	Iqbal Town	Johar Town	9"	RCC	1148.15	129342.165	1000	112652.6715	241994.8362	26	1992	6-10	C	L	T	10	9"	112.6526715
20506	Iqbal Town	Johar Town	9"	RCC	1148.15	355686.746	1000	309791.1825	665477.9287	26	1992	6-10	C	L	T	10	9"	309.7911825
20507	Iqbal Town	Johar Town	9"	RCC	1148.15	82688.4855	1000	72018.88737	154707.3729	26	1992	6-10	C	L	T	10	9"	72.01888737
20508	Iqbal Town	Johar Town	9"	RCC	1148.15	331668.861	1000	288872.4133	620541.2747	26	1992	6-10	C	L	T	10	9"	288.8724133
20509	Iqbal Town	Johar Town	9"	RCC	1148.15	315186.964	1000	274517.2352	589704.1989	26	1992	6-10	C	L	T	10	9"	274.5172352
20510	Iqbal Town	Johar Town	9"	RCC	1148.15	127290.322	1000	110865.5852	238155.9068	26	1992	6-10	C	L	T	10	9"	110.8655852
20511	Iqbal Town	Johar Town	9"	RCC	1148.15	121263.775	1000	105616.6655	226880.4401	26	1992	6-10	C	L	T	10	9"	105.6166655
20512	Iqbal Town	Johar Town	9"	RCC	1148.15	73692.1415	1000	64183.37458	137875.5161	26	1992	6-10	C	L	T	10	9"	64.18337458
20513	Iqbal Town	Johar Town	9"	RCC	1148.15	75789.0471	1000	66009.70871	141798.7558	26	1992	6-10	C	L	T	10	9"	66.00970871
20514	Iqbal Town	Johar Town	9"	RCC	1148.15	82741.8859	1000	72065.39733	154807.2833	26	1992	6-10	C	L	T	10	9"	72.06539733
20515	Iqbal Town	Johar Town	9"	RCC	1148.15	72994.4462	1000	63575.70541	136570.1516	26	1992	6-10	C	L	T	10	9"	63.57570541
20516	Iqbal Town	Johar Town	9"	RCC	1148.15	37290.0174	1000	32478.34987	69768.36728	26	1992	6-10	C	L	T	10	18"	32.47834987
20517	Iqbal Town	Johar Town	9"	RCC	1148.15	429939.063	1000	374462.4507	804401.5135	26	1992	6-10	C	L	T	10	12"	374.4624507
20518	Iqbal Town	Johar Town	9"	RCC	1148.15	129531.372	1000	112817.4642	242348.8358	26	1992	6-10	C	L	T	10	9"	112.8174642
20519	Iqbal Town	Johar Town	9"	RCC	1148.15	170430.366	1000	148439.1115	318869.4774	26	1992	6-10	C	L	T	10	9"	148.4391115
20520	Iqbal Town	Johar Town	9"	RCC	1148.15	118435.627	1000	103153.444	221589.0707	26	1992	6-10	C	L	T	10	9"	103.153444
20521	Iqbal Town	Johar Town	9"	RCC	1148.15	354529.334	1000	308783.1154	663312.4494	26	1992	6-10	C	L	T	10	12"	308.7831154
20522	Iqbal Town	Johar Town	9"	RCC	1148.15	257693.328	1000	224442.2143	482135.5426	26	1992	6-10	C	L	T	10	9"	224.4422143
20523	Iqbal Town	Johar Town	9"	RCC	1148.15	207356.11	1000	180600.1915	387956.3014	26	1992	6-10	C	L	T	10	9"	180.6001915

20524	Iqbal Town	Johar Town	9"	RCC	1148.15	207739.095	1000	180933.7589	388672.8542	26	1992	6-10	C	L	T	10	9"	180.9337589
20525	Iqbal Town	Johar Town	12"	RCC	1667.2	313187.536	1000	187852.4091	501039.9455	26	1992	6-10	C	L	T	10	12"	187.8524091
20526	Iqbal Town	Johar Town	15"	RCC	2560.7	722717.228	2000	564468.4875	1287185.716	26	1992	6-10	C	M	S	10	18"	282.2342438
20527	Iqbal Town	Johar Town	12"	RCC	1667.2	920697.898	1000	552242.0216	1472939.92	26	1992	6-10	C	M	S	10	18"	552.2420216
20528	Iqbal Town	Johar Town	9"	RCC	1148.15	283718.458	1000	247109.2258	530827.6834	26	1992	6-10	C	L	T	10	9"	247.1092258
20529	Iqbal Town	Johar Town	9"	RCC	1148.15	240665.931	1000	209611.9242	450277.855	26	1992	6-10	C	L	T	10	9"	209.6119242
20530	Iqbal Town	Johar Town	9"	RCC	1148.15	119570.248	1000	104141.661	223711.9091	26	1992	6-10	C	L	T	10	9"	104.141661
20531	Iqbal Town	Johar Town	9"	RCC	1148.15	96554.8461	1000	84096.02068	180650.8668	26	1992	6-10	C	L	T	10	9"	84.09602068
20532	Iqbal Town	Johar Town	9"	RCC	1148.15	175984.977	1000	153276.9906	329261.9673	26	1992	6-10	C	L	T	10	9"	153.2769906
20533	Iqbal Town	Johar Town	9"	RCC	1148.15	118277.083	1000	103015.3579	221292.441	26	1992	6-10	C	L	T	10	9"	103.0153579
20534	Iqbal Town	Johar Town	9"	RCC	1148.15	66427.5485	1000	57856.15858	124283.7071	26	1992	6-10	C	L	T	10	9"	57.85615858
20535	Iqbal Town	Johar Town	9"	RCC	1148.15	272005.484	1000	236907.6204	508913.1047	26	1992	6-10	C	L	T	10	9"	236.9076204
20536	Iqbal Town	Johar Town	9"	RCC	1148.15	101653.715	1000	88536.96411	190190.6795	26	1992	6-10	C	L	T	10	9"	88.53696411
20537	Iqbal Town	Johar Town	9"	RCC	1148.15	102041.428	1000	88874.64842	190916.076	26	1992	6-10	C	L	T	10	9"	88.87464842
20538	Iqbal Town	Johar Town	9"	RCC	1148.15	258525.434	1000	225166.9504	483692.3845	26	1992	6-10	C	L	T	10	12"	225.1669504
20539	Iqbal Town	Johar Town	9"	RCC	1148.15	122606.33	1000	106785.9859	229392.3156	26	1992	6-10	C	L	T	10	9"	106.7859859
20540	Iqbal Town	Johar Town	9"	RCC	1148.15	111366.636	1000	96996.59123	208363.2274	26	1992	6-10	C	L	T	10	9"	96.99659123
20541	Iqbal Town	Johar Town	9"	RCC	1148.15	63253.976	1000	55092.08379	118346.0598	26	1992	6-10	C	L	T	10	9"	55.09208379
20542	Iqbal Town	Johar Town	9"	RCC	1148.15	63224.9303	1000	55066.78597	118291.7163	26	1992	6-10	C	L	T	10	9"	55.06678597
20543	Iqbal Town	Johar Town	9"	RCC	1148.15	119229.167	1000	103844.5905	223073.7571	26	1992	6-10	C	L	T	10	9"	103.8445905
20544	Iqbal Town	Johar Town	9"	RCC	1148.15	125516.214	1000	109320.3974	234836.6117	26	1992	6-10	C	L	T	10	9"	109.3203974
20545	Iqbal Town	Johar Town	9"	RCC	1148.15	97044.2711	1000	84522.29331	181566.5644	26	1992	6-10	C	L	T	10	9"	84.52229331
20546	Iqbal Town	Johar Town	9"	RCC	1148.15	121706.51	1000	106002.2733	227708.7834	26	1992	6-10	C	L	T	10	9"	106.0022733
20547	Iqbal Town	Johar Town	9"	RCC	1148.15	84193.2313	1000	73329.4703	157522.7016	26	1992	6-10	C	L	T	10	9"	73.3294703
20548	Iqbal Town	Johar Town	9"	RCC	1148.15	85166.0023	1000	74176.72109	159342.7234	26	1992	6-10	C	L	T	10	9"	74.17672109

20549	Iqbal Town	Johar Town	9"	RCC	1148.15	127875.691	1000	111375.4218	239251.1123	26	1992	6-10	C	L	T	10	9"	111.3754218
20550	Iqbal Town	Johar Town	15"	RCC	2560.7	283095.739	2000	221108.0868	504203.8258	26	1992	6-10	C	M	S	10	18"	110.5540434
20551	Iqbal Town	Johar Town	9"	RCC	1148.15	352112.09	1000	306677.7776	658789.868	26	1992	6-10	C	L	T	10	12"	306.6777776
20552	Iqbal Town	Johar Town	9"	RCC	1148.15	140289.923	1000	122187.8004	262477.7234	26	1992	6-10	C	L	T	10	9"	122.1878004
20553	Iqbal Town	Johar Town	9"	RCC	1148.15	45359.4481	1000	39506.55237	84866.00047	26	1992	6-10	C	L	T	10	9"	39.50655237
20554	Iqbal Town	Johar Town	9"	RCC	1148.15	187017.137	1000	162885.6308	349902.7677	26	1992	6-10	C	L	T	10	9"	162.8856308
20555	Iqbal Town	Johar Town	9"	RCC	1148.15	292525.043	1000	254779.465	547304.5078	26	1992	6-10	C	L	T	10	12"	254.779465
20556	Iqbal Town	Johar Town	9"	RCC	1148.15	174065.222	1000	151604.9485	325670.1701	26	1992	6-10	C	L	T	10	9"	151.6049485
20557	Iqbal Town	Johar Town	9"	RCC	1148.15	125583.736	1000	109379.2064	234962.9422	26	1992	6-10	C	L	T	10	9"	109.3792064
20558	Iqbal Town	Johar Town	9"	RCC	1148.15	79147.9826	1000	68935.22847	148083.211	26	1992	6-10	C	L	T	10	9"	68.93522847
20559	Iqbal Town	Johar Town	9"	RCC	1148.15	147328.365	1000	128318.0462	275646.411	26	1992	6-10	C	L	T	10	9"	128.3180462
20560	Iqbal Town	Johar Town	9"	RCC	1148.15	104295.059	1000	90837.48585	195132.5452	26	1992	6-10	C	L	T	10	9"	90.83748585
20561	Iqbal Town	Johar Town	15"	RCC	2560.7	822930.118	2000	642738.406	1465668.524	26	1992	6-10	C	M	S	10	18"	321.369203
20562	Iqbal Town	Johar Town	9"	RCC	1148.15	45155.7715	1000	39329.15693	84484.92845	26	1992	6-10	C	L	T	10	9"	39.32915693
20563	Iqbal Town	Johar Town	12"	RCC	1667.2	326387.314	1000	195769.7418	522157.0554	26	1992	6-10	C	L	T	10	15"	195.7697418
20564	Iqbal Town	Johar Town	9"	RCC	1148.15	289795.619	1000	252402.2289	542197.8481	26	1992	6-10	C	L	T	10	9"	252.4022289
20565	Iqbal Town	Johar Town	9"	RCC	1148.15	454616.345	1000	395955.5327	850571.8776	26	1992	6-10	C	L	T	10	9"	395.9555327
20566	Iqbal Town	Johar Town	9"	RCC	1148.15	157517.229	1000	137192.2043	294709.4337	26	1992	6-10	C	L	T	10	9"	137.1922043
20567	Iqbal Town	Johar Town	9"	RCC	1148.15	133383.319	1000	116172.381	249555.7002	26	1992	6-10	C	L	T	10	9"	116.172381
20568	Iqbal Town	Johar Town	9"	RCC	1148.15	73064.1331	1000	63636.40042	136700.5336	26	1992	6-10	C	L	T	10	9"	63.63640042
20569	Iqbal Town	Johar Town	9"	RCC	1148.15	403558.04	1000	351485.468	755043.5081	26	1992	6-10	C	L	T	10	9"	351.485468
20570	Iqbal Town	Johar Town	9"	RCC	1148.15	451984.666	1000	393663.4288	845648.0946	26	1992	6-10	C	L	T	10	12"	393.6634288
20571	Iqbal Town	Johar Town	9"	RCC	1148.15	255177.137	1000	222250.6962	477427.833	26	1992	6-10	C	L	T	10	12"	222.2506962
20572	Iqbal Town	Johar Town	9"	RCC	1148.15	249450.74	1000	217263.1975	466713.9377	26	1992	6-10	C	L	T	10	9"	217.2631975
20573	Iqbal Town	Johar Town	9"	RCC	1148.15	81025.2662	1000	70570.27931	151595.5455	26	1992	6-10	C	L	T	10	9"	70.57027931

20574	Iqbal Town	Johar Town	9"	RCC	1148.15	87498.2318	1000	76208.01448	163706.2463	26	1992	6-10	C	L	T	10	9"	76.20801448
20575	Iqbal Town	Johar Town	9"	RCC	1148.15	311958.997	1000	271705.7852	583664.7825	26	1992	6-10	C	L	T	10	12"	271.7057852
20576	Iqbal Town	Johar Town	9"	RCC	1148.15	44889.2124	1000	39096.99293	83986.20537	26	1992	6-10	C	L	T	10	9"	39.09699293
20577	Iqbal Town	Johar Town	9"	RCC	1148.15	38214.3513	1000	33283.41361	71497.76495	26	1992	6-10	C	L	T	10	9"	33.28341361
20578	Iqbal Town	Johar Town	9"	RCC	1148.15	36250.41	1000	31572.88678	67823.29674	26	1992	6-10	C	L	T	10	9"	31.57288678
20579	Iqbal Town	Johar Town	9"	RCC	1148.15	92374.9655	1000	80455.48538	172830.4509	26	1992	6-10	C	L	T	10	9"	80.45548538
20580	Iqbal Town	Johar Town	9"	RCC	1148.15	32853.3909	1000	28614.19751	61467.58838	26	1992	6-10	C	L	T	10	9"	28.61419751
20581	Iqbal Town	Johar Town	9"	RCC	1148.15	94126.5601	1000	81981.06525	176107.6253	26	1992	6-10	C	L	T	10	9"	81.98106525
20582	Iqbal Town	Johar Town	9"	RCC	1148.15	154886.24	1000	134900.7013	289786.9415	26	1992	6-10	C	L	T	10	9"	134.9007013
20583	Iqbal Town	Johar Town	9"	RCC	1148.15	197180.953	1000	171737.9725	368918.9256	26	1992	6-10	C	L	T	10	9"	171.7379725
20584	Iqbal Town	Johar Town	9"	RCC	1148.15	68266.7755	1000	59458.06339	127724.8389	26	1992	6-10	C	L	T	10	9"	59.45806339
20585	Iqbal Town	Johar Town	9"	RCC	1148.15	171053.187	1000	148981.5678	320034.7548	26	1992	6-10	C	L	T	10	12"	148.9815678
20586	Iqbal Town	Johar Town	24"	RCC	3633.75	413694.495	2000	227695.6286	641390.1237	26	1992	6-10	C	H	P	10	24"	113.8478143
20587	Iqbal Town	Johar Town	15"	RCC	2560.7	1735199.8	2000	1355254.27	3090454.075	26	1992	6-10	C	M	S	10	18"	677.6271351
20588	Iqbal Town	Johar Town	12"	RCC	1667.2	457367.982	1000	274333.0028	731700.985	26	1992	6-10	C	L	T	10	12"	274.3330028
20589	Iqbal Town	Johar Town	9"	RCC	1148.15	400430.857	1000	348761.7971	749192.6544	26	1992	6-10	C	L	T	10	9"	348.7617971
20590	Iqbal Town	Johar Town	9"	RCC	1148.15	407190.952	1000	354649.6116	761840.5631	26	1992	6-10	C	L	T	10	9"	354.6496116
20591	Iqbal Town	Johar Town	15"	RCC	2560.7	1316135.46	2000	1027949.747	2344085.206	26	1992	6-10	C	L	T	10	15"	513.9748737
20592	Iqbal Town	Johar Town	12"	RCC	1667.2	508275.358	1000	304867.657	813143.0148	26	1992	6-10	C	L	T	10	15"	304.867657
20593	Iqbal Town	Johar Town	9"	RCC	1148.15	354599.762	1000	308844.4556	663444.2173	26	1992	6-10	C	L	T	10	9"	308.8444556
20594	Iqbal Town	Johar Town	9"	RCC	1148.15	309676.53	1000	269717.8329	579394.3628	26	1992	6-10	C	L	T	10	12"	269.7178329
20595	Iqbal Town	Johar Town	9"	RCC	1148.15	344543.241	1000	300085.5648	644628.806	26	1992	6-10	C	L	T	10	9"	300.0855648
20596	Iqbal Town	Johar Town	9"	RCC	1148.15	155499.748	1000	135435.0461	290934.7942	26	1992	6-10	C	L	T	10	9"	135.4350461
20597	Iqbal Town	Johar Town	9"	RCC	1148.15	112535.51	1000	98014.64133	210550.1518	26	1992	6-10	C	L	T	10	9"	98.01464133
20598	Iqbal Town	Johar Town	9"	RCC	1148.15	108651.703	1000	94631.97548	203283.6781	26	1992	6-10	C	L	T	10	9"	94.63197548

20599	Iqbal Town	Johar Town	9"	RCC	1148.15	114046.773	1000	99330.90027	213377.6734	26	1992	6-10	C	L	T	10	9"	99.33090027
20600	Iqbal Town	Johar Town	9"	RCC	1148.15	243165.486	1000	211788.953	454954.4393	26	1992	6-10	C	L	T	10	9"	211.788953
20601	Iqbal Town	Johar Town	9"	RCC	1148.15	83436.0772	1000	72670.01456	156106.0918	26	1992	6-10	C	L	T	10	9"	72.67001456
20602	Iqbal Town	Johar Town	9"	RCC	1148.15	355242.596	1000	309404.3429	664646.9393	26	1992	6-10	C	L	T	10	12"	309.4043429
20603	Iqbal Town	Johar Town	9"	RCC	1148.15	291343.715	1000	253750.5684	545094.2835	26	1992	6-10	C	L	T	10	12"	253.7505684
20604	Iqbal Town	Johar Town	9"	RCC	1148.15	492768.015	1000	429184.3532	921952.3684	26	1992	6-10	C	L	T	10	9"	429.1843532
20605	Iqbal Town	Johar Town	9"	RCC	1148.15	105054.925	1000	91499.30332	196554.2284	26	1992	6-10	C	L	T	10	9"	91.49930332
20606	Iqbal Town	Johar Town	9"	RCC	1148.15	82958.5763	1000	72254.1273	155212.7036	26	1992	6-10	C	L	T	10	9"	72.2541273
20607	Iqbal Town	Johar Town	9"	RCC	1148.15	272230.62	1000	237103.7062	509334.3265	26	1992	6-10	C	L	T	10	9"	237.1037062
20608	Iqbal Town	Johar Town	9"	RCC	1148.15	184864.228	1000	161010.5191	345874.7466	26	1992	6-10	C	L	T	10	9"	161.0105191
20609	Iqbal Town	Johar Town	9"	RCC	1148.15	165826.599	1000	144429.3858	310255.985	26	1992	6-10	C	L	T	10	9"	144.4293858
20610	Iqbal Town	Johar Town	9"	RCC	1148.15	127086.281	1000	110687.8726	237774.1536	26	1992	6-10	C	L	T	10	9"	110.6878726
20611	Iqbal Town	Johar Town	15"	RCC	2560.7	317384.647	2000	247888.9729	565273.6195	26	1992	6-10	C	M	S	10	18"	123.9444865
20612	Iqbal Town	Johar Town	12"	RCC	1667.2	365448.388	1000	219198.8893	584647.2775	26	1992	6-10	C	L	T	10	12"	219.1988893
20613	Iqbal Town	Johar Town	12"	RCC	1667.2	424415.693	1000	254567.9541	678983.6472	26	1992	6-10	C	L	T	10	12"	254.5679541
20614	Iqbal Town	Johar Town	9"	RCC	1148.15	363255.441	1000	316383.2612	679638.7025	26	1992	6-10	C	L	T	10	9"	316.3832612
20615	Iqbal Town	Johar Town	9"	RCC	1148.15	225625.248	1000	196511.996	422137.2441	26	1992	6-10	C	L	T	10	9"	196.511996
20616	Iqbal Town	Johar Town	9"	RCC	1148.15	324622.141	1000	282734.9569	607357.0976	26	1992	6-10	C	L	T	10	9"	282.7349569
20617	Iqbal Town	Johar Town	9"	RCC	1148.15	139843.759	1000	121799.2065	261642.9655	26	1992	6-10	C	L	T	10	9"	121.7992065
20618	Iqbal Town	Johar Town	9"	RCC	1148.15	137375.316	1000	119649.2758	257024.5919	26	1992	6-10	C	L	T	10	9"	119.6492758
20619	Iqbal Town	Johar Town	9"	RCC	1148.15	181000.657	1000	157645.4793	338646.1364	26	1992	6-10	C	L	T	10	9"	157.6454793
20620	Iqbal Town	Johar Town	9"	RCC	1148.15	110996.844	1000	96674.51472	207671.3588	26	1992	6-10	C	L	T	10	9"	96.67451472
20621	Iqbal Town	Johar Town	9"	RCC	1148.15	242830.193	1000	211496.9238	454327.1169	26	1992	6-10	C	L	T	10	9"	211.4969238
20622	Iqbal Town	Johar Town	9"	RCC	1148.15	340154.45	1000	296263.0757	636417.5261	26	1992	6-10	C	L	T	10	9"	296.2630757
20623	Iqbal Town	Johar Town	9"	RCC	1148.15	127978.847	1000	111465.2676	239444.1145	26	1992	6-10	C	L	T	10	9"	111.4652676

20624	Iqbal Town	Johar Town	9"	RCC	1148.15	111058.395	1000	96728.12384	207786.5192	26	1992	6-10	C	L	T	10	9"	96.72812384
20625	Iqbal Town	Johar Town	9"	RCC	1148.15	203859.318	1000	177554.6034	381413.9213	26	1992	6-10	C	L	T	10	9"	177.5546034
20626	Iqbal Town	Johar Town	9"	RCC	1148.15	251241.339	1000	218822.7491	470064.0884	26	1992	6-10	C	L	T	10	9"	218.8227491
20627	Iqbal Town	Johar Town	18"	RCC	2560.7	1113185.66	2000	869438.5609	1982624.222	26	1992	6-10	C	M	S	10	24"	434.7192804
20628	Iqbal Town	Johar Town	9"	RCC	1148.15	297145.131	1000	258803.4064	555948.5374	26	1992	6-10	C	L	T	10	9"	258.8034064
20629	Iqbal Town	Johar Town	9"	RCC	1148.15	595487.796	1000	518649.8249	1114137.621	26	1992	6-10	C	L	T	10	12"	518.6498249
20630	Iqbal Town	Johar Town	9"	RCC	1148.15	247211.348	1000	215312.7624	462524.1105	26	1992	6-10	C	L	T	10	12"	215.3127624
20631	Iqbal Town	Johar Town	9"	RCC	1148.15	316866.544	1000	275980.0933	592846.6375	26	1992	6-10	C	L	T	10	12"	275.9800933
20632	Iqbal Town	Johar Town	9"	RCC	1148.15	71910.8182	1000	62631.90193	134542.7201	26	1992	6-10	C	L	T	10	9"	62.63190193
20633	Iqbal Town	Johar Town	9"	RCC	1148.15	160305.001	1000	139620.2599	299925.2612	26	1992	6-10	C	L	T	10	9"	139.6202599
20634	Iqbal Town	Johar Town	9"	RCC	1148.15	192485.809	1000	167648.6599	360134.4688	26	1992	6-10	C	L	T	10	9"	167.6486599
20635	Iqbal Town	Johar Town	9"	RCC	1148.15	167826.996	1000	146171.6644	313998.6608	26	1992	6-10	C	L	T	10	9"	146.1716644
20636	Iqbal Town	Johar Town	9"	RCC	1148.15	216819.883	1000	188842.8192	405662.702	26	1992	6-10	C	L	T	10	9"	188.8428192
20637	Iqbal Town	Johar Town	9"	RCC	1148.15	419290.519	1000	365187.9277	784478.4469	26	1992	6-10	C	L	T	10	12"	365.1879277
20638	Iqbal Town	Johar Town	9"	RCC	1148.15	121787.49	1000	106072.8039	227860.2937	26	1992	6-10	C	L	T	10	9"	106.0728039
20639	Iqbal Town	Johar Town	9"	RCC	1148.15	112013.684	1000	97560.14841	209573.8328	26	1992	6-10	C	L	T	10	9"	97.56014841
20640	Iqbal Town	Johar Town	9"	RCC	1148.15	111026.678	1000	96700.49865	207727.1762	26	1992	6-10	C	L	T	10	9"	96.70049865
20641	Iqbal Town	Johar Town	9"	RCC	1148.15	110383.169	1000	96140.02421	206523.193	26	1992	6-10	C	L	T	10	9"	96.14002421
20642	Iqbal Town	Johar Town	9"	RCC	1148.15	141262.752	1000	123035.1014	264297.8532	26	1992	6-10	C	L	T	10	9"	123.0351014
20643	Iqbal Town	Johar Town	9"	RCC	1148.15	140639.671	1000	122492.4191	263132.0902	26	1992	6-10	C	L	T	10	9"	122.4924191
20644	Iqbal Town	Johar Town	9"	RCC	1148.15	43536.3005	1000	37918.65215	81454.95262	26	1992	6-10	C	L	T	10	9"	37.91865215
20645	Iqbal Town	Johar Town	9"	RCC	1148.15	41663.1294	1000	36287.18321	77950.31261	26	1992	6-10	C	L	T	10	9"	36.28718321
20646	Iqbal Town	Johar Town	9"	RCC	1148.15	107858.422	1000	93941.05487	201799.477	26	1992	6-10	C	L	T	10	9"	93.94105487
20647	Iqbal Town	Johar Town	9"	RCC	1148.15	107445.239	1000	93581.1863	201026.4253	26	1992	6-10	C	L	T	10	9"	93.5811863
20648	Iqbal Town	Johar Town	9"	RCC	1148.15	106027.949	1000	92346.77427	198374.7231	26	1992	6-10	C	L	T	10	9"	92.34677427

20649	Iqbal Town	Johar Town	9"	RCC	1148.15	106482.334	1000	92742.52837	199224.8623	26	1992	6-10	C	L	T	10	9"	92.74252837
20650	Iqbal Town	Johar Town	9"	RCC	1148.15	113317.219	1000	98695.48312	212012.7021	26	1992	6-10	C	L	T	10	9"	98.69548312
20651	Iqbal Town	Johar Town	9"	RCC	1148.15	112038.881	1000	97582.09363	209620.9744	26	1992	6-10	C	L	T	10	9"	97.58209363
20652	Iqbal Town	Johar Town	9"	RCC	1148.15	111970.264	1000	97522.33034	209492.5939	26	1992	6-10	C	L	T	10	9"	97.52233034
20653	Iqbal Town	Johar Town	9"	RCC	1148.15	121426.764	1000	105758.6239	227185.388	26	1992	6-10	C	L	T	10	12"	105.7586239
20654	Iqbal Town	Johar Town	9"	RCC	1148.15	336928.361	1000	293453.2606	630381.6219	26	1992	6-10	C	L	T	10	12"	293.4532606
20655	Iqbal Town	Johar Town	9"	RCC	1148.15	109623.405	1000	95478.29515	205101.6997	26	1992	6-10	C	L	T	10	9"	95.47829515
20656	Iqbal Town	Johar Town	9"	RCC	1148.15	127451.356	1000	111005.8409	238457.1972	26	1992	6-10	C	L	T	10	9"	111.0058409
20657	Iqbal Town	Johar Town	9"	RCC	1148.15	165242.416	1000	143920.5821	309162.9984	26	1992	6-10	C	L	T	10	9"	143.9205821
20658	Iqbal Town	Johar Town	9"	RCC	1148.15	106484.586	1000	92744.4901	199229.0764	26	1992	6-10	C	L	T	10	9"	92.7444901
20659	Iqbal Town	Johar Town	9"	RCC	1148.15	109312.119	1000	95207.17577	204519.2946	26	1992	6-10	C	L	T	10	9"	95.20717577
20660	Iqbal Town	Johar Town	9"	RCC	1148.15	112146.427	1000	97675.76316	209822.1906	26	1992	6-10	C	L	T	10	9"	97.67576316
20661	Iqbal Town	Johar Town	9"	RCC	1148.15	105126.06	1000	91561.25947	196687.3195	26	1992	6-10	C	L	T	10	9"	91.56125947
20662	Iqbal Town	Johar Town	9"	RCC	1148.15	139966.653	1000	121906.2432	261872.8963	26	1992	6-10	C	L	T	10	9"	121.9062432
20663	Iqbal Town	Johar Town	9"	RCC	1148.15	54240.2674	1000	47241.44699	101481.7144	26	1992	6-10	C	L	T	10	9"	47.24144699
20664	Iqbal Town	Johar Town	12"	RCC	1667.2	312444.929	1000	187406.9872	499851.9162	26	1992	6-10	C	L	T	10	12"	187.4069872
20665	Iqbal Town	Johar Town	9"	RCC	1148.15	199899.652	1000	174105.8676	374005.5194	26	1992	6-10	C	L	T	10	9"	174.1058676
20666	Iqbal Town	Johar Town	9"	RCC	1148.15	133351.101	1000	116144.3204	249495.4218	26	1992	6-10	C	L	T	10	9"	116.1443204
20667	Iqbal Town	Johar Town	9"	RCC	1148.15	144192.92	1000	125587.1797	269780.1	26	1992	6-10	C	L	T	10	9"	125.5871797
20668	Iqbal Town	Johar Town	9"	RCC	1148.15	150261.922	1000	130873.0761	281134.9984	26	1992	6-10	C	L	T	10	9"	130.8730761
20669	Iqbal Town	Johar Town	9"	RCC	1148.15	77193.2397	1000	67232.71324	144425.953	26	1992	6-10	C	L	T	10	9"	67.23271324
20670	Iqbal Town	Johar Town	9"	RCC	1148.15	174788.351	1000	152234.7703	327023.1217	26	1992	6-10	C	L	T	10	9"	152.2347703
20671	Iqbal Town	Johar Town	9"	RCC	1148.15	366490.409	1000	319200.8094	685691.2187	26	1992	6-10	C	L	T	10	9"	319.2008094
20672	Iqbal Town	Johar Town	9"	RCC	1148.15	351628.361	1000	306256.4657	657884.8267	26	1992	6-10	C	L	T	10	9"	306.2564657
20673	Iqbal Town	Johar Town	9"	RCC	1148.15	67429.6496	1000	58728.95496	126158.6046	26	1992	6-10	C	L	T	10	9"	58.72895496

20674	Iqbal Town	Johar Town	12"	RCC	1667.2	1039250.16	1000	623350.6251	1662600.787	26	1992	6-10	C	L	T	10	18"	623.3506251
20675	Iqbal Town	Johar Town	9"	RCC	1148.15	35179.0939	1000	30639.80655	65818.90044	26	1992	6-10	C	L	T	10	9"	30.63980655
20676	Iqbal Town	Johar Town	9"	RCC	1148.15	158285.613	1000	137861.4404	296147.0531	26	1992	6-10	C	L	T	10	9"	137.8614404
20677	Iqbal Town	Johar Town	9"	RCC	1148.15	97601.8597	1000	85007.93424	182609.7939	26	1992	6-10	C	L	T	10	9"	85.00793424
20678	Iqbal Town	Johar Town	9"	RCC	1148.15	63705.6227	1000	55485.45284	119191.0755	26	1992	6-10	C	L	T	10	9"	55.48545284
20679	Iqbal Town	Johar Town	9"	RCC	1148.15	83649.0563	1000	72855.51216	156504.5685	26	1992	6-10	C	L	T	10	9"	72.85551216
20680	Iqbal Town	Johar Town	9"	RCC	1148.15	338520.272	1000	294839.7613	633360.0333	26	1992	6-10	C	L	T	10	9"	294.8397613
20681	Iqbal Town	Johar Town	9"	RCC	1148.15	54370.122	1000	47354.54605	101724.6681	26	1992	6-10	C	L	T	10	9"	47.35454605
20682	Iqbal Town	Johar Town	9"	RCC	1148.15	147554.538	1000	128515.0355	276069.5735	26	1992	6-10	C	L	T	10	9"	128.5150355
20683	Iqbal Town	Johar Town	9"	RCC	1148.15	491314.997	1000	427918.8237	919233.8211	26	1992	6-10	C	L	T	10	12"	427.9188237
20684	Iqbal Town	Johar Town	9"	RCC	1148.15	275602.562	1000	240040.554	515643.1161	26	1992	6-10	C	L	T	10	12"	240.040554
20685	Iqbal Town	Johar Town	9"	RCC	1148.15	443216.759	1000	386026.8772	829243.6363	26	1992	6-10	C	L	T	10	12"	386.0268772
20686	Iqbal Town	Johar Town	9"	RCC	1148.15	267237.037	1000	232754.4634	499991.5006	26	1992	6-10	C	L	T	10	12"	232.7544634
20687	Iqbal Town	Johar Town	9"	RCC	1148.15	399276.235	1000	347756.1601	747032.3953	26	1992	6-10	C	L	T	10	9"	347.7561601
20688	Iqbal Town	Johar Town	9"	RCC	1148.15	170236.448	1000	148270.2157	318506.6639	26	1992	6-10	C	L	T	10	9"	148.2702157
20689	Iqbal Town	Johar Town	9"	RCC	1148.15	191767.192	1000	167022.7689	358789.961	26	1992	6-10	C	L	T	10	9"	167.0227689
20690	Iqbal Town	Johar Town	9"	RCC	1148.15	130357.121	1000	113536.6645	243893.7859	26	1992	6-10	C	L	T	10	9"	113.5366645
20691	Iqbal Town	Johar Town	9"	RCC	1148.15	339270.772	1000	295493.4218	634764.194	26	1992	6-10	C	L	T	10	9"	295.4934218
20692	Iqbal Town	Johar Town	9"	RCC	1148.15	279641.113	1000	243557.9963	523199.1097	26	1992	6-10	C	L	T	10	9"	243.5579963
20693	Iqbal Town	Johar Town	9"	RCC	1148.15	320739.172	1000	279353.0216	600092.1933	26	1992	6-10	C	L	T	10	9"	279.3530216
20694	Iqbal Town	Johar Town	9"	RCC	1148.15	326619.219	1000	284474.3447	611093.5636	26	1992	6-10	C	L	T	10	12"	284.4743447
20695	Iqbal Town	Johar Town	9"	RCC	1148.15	344410.982	1000	299970.3713	644381.3532	26	1992	6-10	C	L	T	10	12"	299.9703713
20696	Iqbal Town	Johar Town	9"	RCC	1148.15	400790.667	1000	349075.1794	749865.8467	26	1992	6-10	C	L	T	10	12"	349.0751794
20697	Iqbal Town	Johar Town	9"	RCC	1148.15	166044.211	1000	144618.9182	310663.1292	26	1992	6-10	C	L	T	10	9"	144.6189182
20698	Iqbal Town	Johar Town	9"	RCC	1148.15	170910.233	1000	148857.0598	319767.293	26	1992	6-10	C	L	T	10	12"	148.8570598

20699	Iqbal Town	Johar Town	9"	RCC	1148.15	169714.481	1000	147815.5995	317530.08	26	1992	6-10	C	L	T	10	9"	147.8155995
20700	Iqbal Town	Johar Town	9"	RCC	1148.15	119617.145	1000	104182.5069	223799.6522	26	1992	6-10	C	L	T	10	9"	104.1825069
20701	Iqbal Town	Johar Town	9"	RCC	1148.15	118270.099	1000	103009.2753	221279.3747	26	1992	6-10	C	L	T	10	9"	103.0092753
20702	Iqbal Town	Johar Town	9"	RCC	1148.15	270066.325	1000	235218.6782	505285.0036	26	1992	6-10	C	L	T	10	9"	235.2186782
20703	Iqbal Town	Johar Town	9"	RCC	1148.15	341411.263	1000	297357.717	638768.9798	26	1992	6-10	C	L	T	10	9"	297.357717
20704	Iqbal Town	Johar Town	9"	RCC	1148.15	109169.672	1000	95083.10968	204252.7821	26	1992	6-10	C	L	T	10	9"	95.08310968
20705	Iqbal Town	Johar Town	9"	RCC	1148.15	59011.8387	1000	51397.32499	110409.1637	26	1992	6-10	C	L	T	10	9"	51.39732499
20706	Iqbal Town	Johar Town	9"	RCC	1148.15	303238.173	1000	264110.2409	567348.4139	26	1992	6-10	C	L	T	10	12"	264.1102409
20707	Iqbal Town	Johar Town	9"	RCC	1148.15	144193.242	1000	125587.4596	269780.7013	26	1992	6-10	C	L	T	10	9"	125.5874596
20708	Iqbal Town	Johar Town	9"	RCC	1148.15	189492.337	1000	165041.4463	354533.7829	26	1992	6-10	C	L	T	10	9"	165.0414463
20709	Iqbal Town	Johar Town	9"	RCC	1148.15	34564.3207	1000	30104.35981	64668.68053	26	1992	6-10	C	L	T	10	9"	30.10435981
20710	Iqbal Town	Johar Town	9"	RCC	1148.15	176294.503	1000	153546.5773	329841.0801	26	1992	6-10	C	L	T	10	9"	153.5465773
20711	Iqbal Town	Johar Town	9"	RCC	1148.15	154395.691	1000	134473.4495	288869.1406	26	1992	6-10	C	L	T	10	9"	134.4734495
20712	Iqbal Town	Johar Town	9"	RCC	1148.15	54426.8948	1000	47403.99319	101830.888	26	1992	6-10	C	L	T	10	9"	47.40399319
20713	Iqbal Town	Johar Town	9"	RCC	1148.15	76561.9776	1000	66682.90519	143244.8828	26	1992	6-10	C	L	T	10	9"	66.68290519
20714	Iqbal Town	Johar Town	9"	RCC	1148.15	113266.351	1000	98651.17872	211917.5296	26	1992		C	L	T	10	9"	98.65117872
20715	Iqbal Town	Johar Town	9"	RCC	1148.15	83915.4865	1000	73087.56391	157003.0504	26	1992		C	L	T	10	9"	73.08756391
20716	Iqbal Town	Johar Town	9"	RCC	1148.15	108471.562	1000	94475.07901	202946.641	26	1992		C	L	T	10	9"	94.47507901
20717	Iqbal Town	Johar Town	9"	RCC	1148.15	99871.8011	1000	86984.9768	186856.7779	26	1992		C	L	T	10	9"	86.9849768
20718	Iqbal Town	Johar Town	9"	RCC	1148.15	125311.474	1000	109142.0759	234453.5503	26	1992		C	L	T	10	9"	109.1420759
20719	Iqbal Town	Johar Town	9"	RCC	1148.15	122780.069	1000	106937.3072	229717.3764	26	1992		C	L	T	10	9"	106.9373072
20720	Iqbal Town	Johar Town	9"	RCC	1148.15	126926.157	1000	110548.4097	237474.5663	26	1992		C	L	T	10	12"	110.5484097
20721	Iqbal Town	Johar Town	9"	RCC	1148.15	143097.293	1000	124632.9255	267730.219	26	1992		C	L	T	10	12"	124.6329255
20722	Iqbal Town	Johar Town	9"	RCC	1148.15	281604.021	1000	245267.623	526871.6444	26	1992		C	L	T	10	12"	245.267623
20723	Iqbal Town	Johar Town	9"	RCC	1148.15	247285.629	1000	215377.4588	462663.0881	26	1992		C	L	T	10	9"	215.3774588

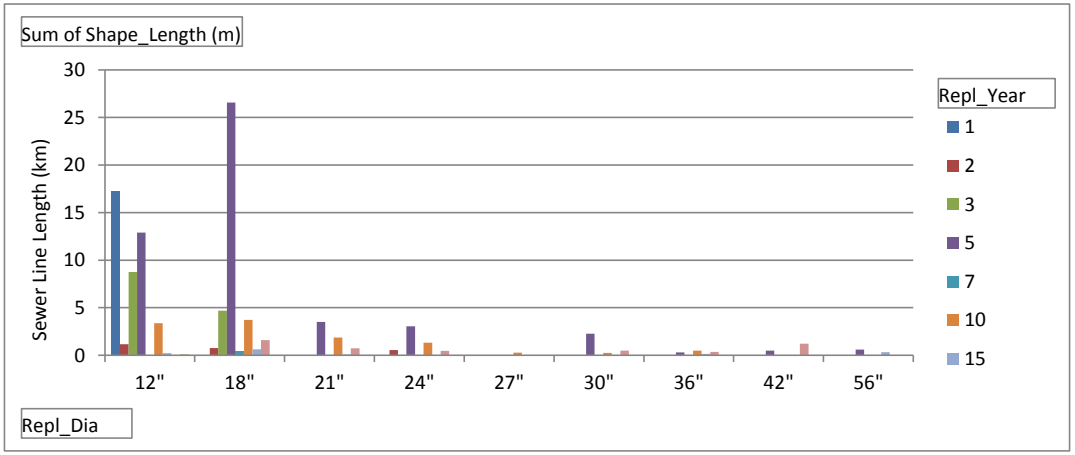
20724	Iqbal Town	Johar Town	9"	RCC	1148.15	219669.809	1000	191325.0086	410994.8172	26	1992		C	L	T	10	9"	191.3250086
20725	Iqbal Town	Johar Town	9"	RCC	1148.15	121006.284	1000	105392.3999	226398.6838	26	1992		C	L	T	10	9"	105.3923999
20726	Iqbal Town	Johar Town	9"	RCC	1148.15	41785.4584	1000	36393.72766	78179.18607	26	1992		C	L	T	10	9"	36.39372766
20727	Iqbal Town	Johar Town	9"	RCC	1148.15	112418.11	1000	97912.38949	210330.4995	26	1992		C	L	T	10	9"	97.91238949
20728	Iqbal Town	Johar Town	9"	RCC	1148.15	152566.404	1000	132880.2022	285446.6063	26	1992		C	L	T	10	12"	132.8802022
20729	Iqbal Town	Johar Town	18"	RCC	2560.7	15909.6277	2000	12425.99888	28335.62655	4	2014		B	M	S	20	18"	6.212999441
20730	Iqbal Town	Johar Town	9"	RCC	1148.15	419752.918	1000	365590.6614	785343.5794	26	1992		C	L	T	20	9"	365.5906614
20731	Iqbal Town	Johar Town	12"	RCC	1667.2	662512.594	1000	397380.3948	1059892.989	4	2014		B	L	T	20	12"	397.3803948
20732	Iqbal Town	Johar Town	12"	RCC	1667.2	436466.058	1000	261795.8599	698261.9175	26	1992		C	L	T	10	15"	261.7958599
20733	Iqbal Town	Johar Town	9"	RCC	1148.15	174428.808	1000	151921.6204	326350.4288	26	1992		C	L	T	10	9"	151.9216204
20734	Iqbal Town	Johar Town	9"	RCC	1148.15	73593.5382	1000	64097.49439	137691.0326	26	1992		C	L	T	10	9"	64.09749439
20735	Iqbal Town	Johar Town	9"	RCC	1148.15	99819.1787	1000	86939.14441	186758.3231	26	1992		C	L	T	10	9"	86.93914441
20736	Iqbal Town	Johar Town	9"	RCC	1148.15	137602.116	1000	119846.8114	257448.9279	26	1992		C	L	T	10	9"	119.8468114
20737	Iqbal Town	Johar Town	9"	RCC	1148.15	270638.507	1000	235717.029	506355.5358	26	1992		C	L	T	10	9"	235.717029
20738	Iqbal Town	Johar Town	9"	RCC	1148.15	91122.2548	1000	79364.4165	170486.6713	26	1992		C	L	T	10	9"	79.3644165
20739	Iqbal Town	Johar Town	12"	RCC	1667.2	224467.908	1000	134637.661	359105.5695	26	1992		C	L	T	10	12"	134.637661
20740	Iqbal Town	Johar Town	15"	RCC	2560.7	1087073.49	2000	849044.0034	1936117.493	26	1992		C	M	S	10	18"	424.5220017
20741	Iqbal Town	Johar Town	12"	RCC	1667.2	177617.799	1000	106536.588	284154.3874	26	1992		C	L	T	10	12"	106.536588
20742	Iqbal Town	Johar Town	12"	RCC	1667.2	620239.849	1000	372024.8612	992264.7098	26	1992		C	L	T	10	12"	372.0248612
20743	Iqbal Town	Johar Town	15"	RCC	2560.7	569949.094	2000	445151.009	1015100.103	26	1992		C	M	S	10	18"	222.5755045
20744	Iqbal Town	Johar Town	9"	RCC	1148.15	181309.031	1000	157914.0628	339223.0941	26	1992		C	L	T	10	9"	157.9140628
20745	Iqbal Town	Johar Town	9"	RCC	1148.15	238702.749	1000	207902.0587	446604.8075	26	1992		C	L	T	10	9"	207.9020587
20746	Iqbal Town	Johar Town	9"	RCC	1148.15	128228.376	1000	111682.599	239910.975	26	1992		C	L	T	10	9"	111.682599
20747	Iqbal Town	Johar Town	9"	RCC	1148.15	232656.648	1000	202636.1084	435292.7562	26	1992		C	L	T	10	9"	202.6361084
20748	Iqbal Town	Johar Town	9"	RCC	1148.15	179969.886	1000	156747.712	336717.5975	26	1992		C	L	T	10	9"	156.747712

20749	Iqbal Town	Johar Town	15"	RCC	2560.7	886718.224	2000	692559.2407	1579277.465	26	1992		C	M	S	10	18"	346.2796203
20750	Iqbal Town	Johar Town	24"	RCC	3633.75	345440.307	2000	190128.8242	535569.1316	4	2014		A	M	S	10	24"	95.06441208
20751	Iqbal Town	Johar Town	12"	RCC	1667.2	53941.4695	1000	32354.52825	86295.99775	26	1992		C	L	T	10	18"	32.35452825
20752	Iqbal Town	Johar Town	12"	RCC	1667.2	225448.53	1000	135225.8458	360674.376	26	1992		C	L	T	10	15"	135.2258458
20753	Iqbal Town	Johar Town	12"	RCC	1667.2	113997.463	1000	68376.59727	182374.0602	26	1992		B	L	S	3	15"	68.37659727
20754	Iqbal Town	Johar Town	9"	RCC	1148.15	80212.7213	1000	69862.58003	150075.3013	26	1992		D	H	T	1	12"	69.86258003
20755	Iqbal Town	Johar Town	9"	RCC	1148.15	31462.7552	1000	27403.00062	58865.75577	26	1992		D	H	T	1	12"	27.40300062
20756	Iqbal Town	Johar Town	9"	RCC	1148.15	86647.7104	1000	75467.23893	162114.9493	26	1992		D	H	T	1	12"	75.46723893
20757	Iqbal Town	Johar Town	9"	RCC	1148.15	126144.323	1000	109867.4586	236011.7811	26	1992		D	H	T	1	12"	109.8674586
20758	Iqbal Town	Johar Town	9"	RCC	1148.15	502052.801	1000	437271.0895	939323.8909	26	1992		D	H	T	1	12"	437.2710895
20759	Iqbal Town	Johar Town	18"	RCC	2560.7	351321.126	2000	274394.6001	625715.7263	4	2014		A	L	P	1	12"	137.1973001
20760	Iqbal Town	Johar Town	9"	RCC	1148.15	16808.5032	1000	14639.64043	31448.1436	26	1992		D	H	T	1	12"	14.63964043
20761	Iqbal Town	Johar Town	9"	RCC	1148.15	290691.723	1000	253182.7051	543874.428	26	1992		D	H	T	1	12"	253.1827051
20762	Iqbal Town	Johar Town	9"	RCC	1148.15	65894.1952	1000	57391.6258	123285.821	26	1992		D	H	T	1	12"	57.3916258
20763	Iqbal Town	Johar Town	9"	RCC	1148.15	91032.9724	1000	79286.6545	170319.6269	26	1992		D	H	T	1	12"	79.2866545
20764	Iqbal Town	Johar Town	9"	RCC	1148.15	193316.528	1000	168372.1884	361688.7166	26	1992		D	H	T	1	12"	168.3721884
20765	Iqbal Town	Johar Town	9"	RCC	1148.15	90935.3835	1000	79201.65791	170137.0414	26	1992		D	H	T	1	12"	79.20165791
20766	Iqbal Town	Johar Town	9"	RCC	1148.15	71608.1672	1000	62368.30306	133976.4702	26	1992		D	H	T	1	12"	62.36830306
20767	Iqbal Town	Johar Town	9"	RCC	1148.15	324421.42	1000	282560.1357	606981.5556	26	1992		D	H	T	1	12"	282.5601357
20768	Iqbal Town	Johar Town	9"	RCC	1148.15	128641.253	1000	112042.2012	240683.4546	26	1992		D	H	T	1	12"	112.0422012
20769	Iqbal Town	Johar Town	9"	RCC	1148.15	80581.9713	1000	70184.1844	150766.1557	26	1992		D	H	T	1	12"	70.1841844
20770	Iqbal Town	Johar Town	9"	RCC	1148.15	320438.2	1000	279090.8857	599529.0861	26	1992		D	H	T	1	12"	279.0908857
20771	Iqbal Town	Johar Town	9"	RCC	1148.15	244109.438	1000	212611.1027	456720.5403	26	1992		D	H	T	1	12"	212.6111027
20772	Iqbal Town	Johar Town	18"	RCC	2560.7	251412.157	2000	196362.0551	447774.2123	26	1992		D	H	P	1	18"	98.18102753
20773	Iqbal Town	Johar Town	24"	RCC	3633.75	477359.575	2000	262736.6079	740096.1824	4	2014		A	L	P	1	12"	131.368304

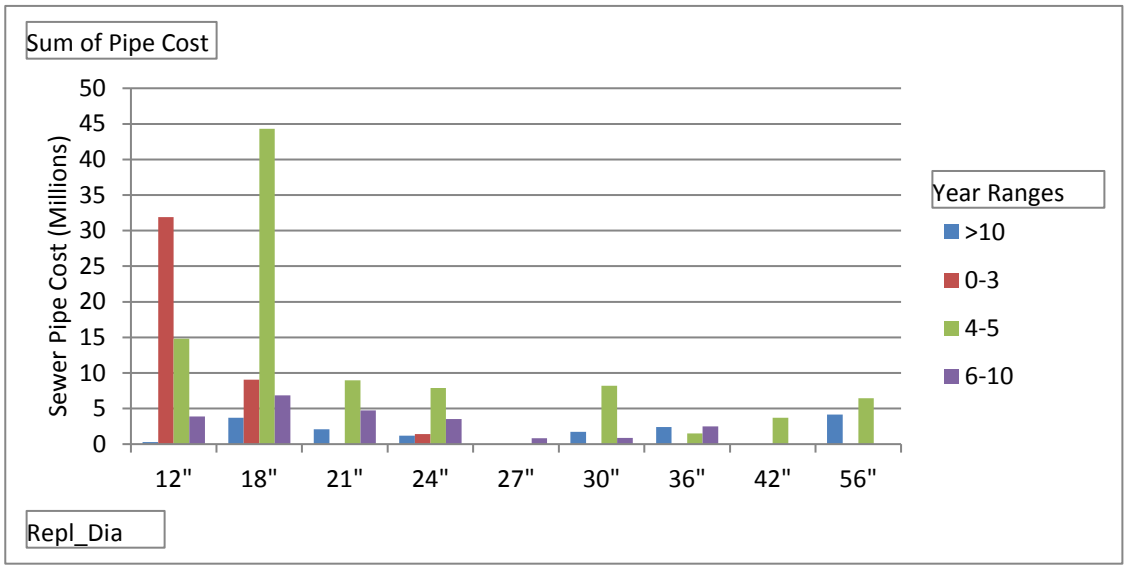
20774	Iqbal Town	Johar Town	9"	RCC	1148.15	130281.262	1000	113470.5932	243751.8547	9	2009		B	L	T	15	9"	113.4705932
20775	Iqbal Town	Johar Town	9"	RCC	1148.15	101776.561	1000	88643.95873	190420.5199	9	2009		B	L	T	15	9"	88.64395873
20776	Iqbal Town	Johar Town	9"	RCC	1148.15	130661.912	1000	113802.1266	244464.0383	9	2009		B	L	T	15	9"	113.8021266
20777	Iqbal Town	Johar Town	9"	RCC	1148.15	95734.0107	1000	83381.10065	179115.1114	9	2009		B	L	T	15	9"	83.38110065
20778	Iqbal Town	Johar Town	18"	RCC	2560.7	883105.332	2000	689737.4405	1572842.772	9	2009		B	L	P	15	18"	344.8687202
20779	Iqbal Town	Johar Town	9"	RCC	1148.15	530839.501	1000	462343.3361	993182.8373	22	1996		B	M	T	10	9"	462.3433361
20780	Iqbal Town	Johar Town	9"	RCC	1148.15	438143.929	1000	381608.6131	819752.5423	22	1996		B	M	T	10	9"	381.6086131
20781	Iqbal Town	Johar Town	9"	RCC	1148.15	230392.688	1000	200664.2753	431056.9629	22	1996		B	M	T	10	9"	200.6642753
20782	Iqbal Town	Johar Town	9"	RCC	1148.15	308210.1	1000	268440.6219	576650.722	22	1996		B	M	T	10	9"	268.4406219
20783	Iqbal Town	Johar Town	9"	RCC	1148.15	125265.784	1000	109102.2812	234368.0654	22	1996		B	M	T	10	9"	109.1022812
20784	Iqbal Town	Johar Town	9"	RCC	1148.15	73172.0714	1000	63730.41104	136902.4825	22	1996		B	M	T	10	9"	63.73041104
20785	Iqbal Town	Johar Town	9"	RCC	1148.15	117432.834	1000	102280.0449	219712.8785	22	1996		B	M	T	10	9"	102.2800449
20786	Iqbal Town	Johar Town	9"	RCC	1148.15	182693.671	1000	159120.037	341813.7076	22	1996		B	M	T	10	9"	159.120037
20787	Iqbal Town	Johar Town	9"	RCC	1148.15	160392.134	1000	139696.1496	300088.2839	22	1996		B	M	T	10	9"	139.6961496
20788	Iqbal Town	Johar Town	9"	RCC	1148.15	394485.849	1000	343583.8949	738069.7439	20	1998		C	L	T	10	12"	343.5838949
20789	Iqbal Town	Johar Town	9"	RCC	1148.15	166406.466	1000	144934.4306	311340.8971	20	1998		C	L	T	10	9"	144.9344306
20790	Iqbal Town	Johar Town	9"	RCC	1148.15	133962.862	1000	116677.1433	250640.0054	20	1998		C	L	T	10	9"	116.6771433
20791	Iqbal Town	Johar Town	9"	RCC	1148.15	168749.962	1000	146975.5365	315725.4988	20	1998		C	L	T	10	9"	146.9755365
20792	Iqbal Town	Johar Town	9"	RCC	1148.15	145893.946	1000	127068.7162	272962.6627	20	1998		C	L	T	10	9"	127.0687162
20793	Iqbal Town	Johar Town	9"	RCC	1148.15	147816.302	1000	128743.0227	276559.3242	20	1998		C	L	T	10	9"	128.7430227
20794	Iqbal Town	Johar Town	9"	RCC	1148.15	169080.242	1000	147263.1989	316343.4407	20	1998		C	L	T	10	9"	147.2631989
20795	Iqbal Town	Johar Town	18"	RCC	2560.7	1113187.43	2000	869439.9421	1982627.372	26	1992		C	H	P	10	18"	434.7199711
20796	Iqbal Town	Johar Town	12"	RCC	1667.2	378946.357	1000	227295.0796	606241.4362	26	1992		C	L	T	10	12"	227.2950796
20797	Iqbal Town	Johar Town	12"	RCC	1667.2	467041.169	1000	280135.058	747176.2266	26	1992		C	L	T	10	12"	280.135058
20798	Iqbal Town	Johar Town	9"	RCC	1148.15	135966.629	1000	118422.3567	254388.9855	26	1992		C	L	T	10	9"	118.4223567

20799	Iqbal Town	Johar Town	9"	RCC	1148.15	157458.739	1000	137141.2609	294599.9997	26	1992		C	L	T	10	9"	137.1412609
20800	Iqbal Town	Johar Town	9"	RCC	1148.15	173405.629	1000	151030.4657	324436.0949	26	1992		C	L	T	10	9"	151.0304657
20801	Iqbal Town	Johar Town	9"	RCC	1148.15	140229.01	1000	122134.7474	262363.7576	26	1992		C	L	T	10	9"	122.1347474
20802	Iqbal Town	Johar Town	15"	RCC	2560.7	303291.166	2000	236881.4515	540172.6179	26	1992		C	L	T	10	15"	118.4407257
20803	Iqbal Town	Johar Town	12"	RCC	1667.2	524180.577	1000	314407.736	838588.3134	26	1992		D	H	P	1	18"	314.407736
20804	Iqbal Town	Johar Town	9"	RCC	1148.15	181573.106	1000	158144.0627	339717.1683	26	1992		D	H	T	1	12"	158.1440627
20805	Iqbal Town	Johar Town	9"	RCC	1148.15	143372.229	1000	124872.3853	268244.6145	26	1992		D	H	T	1	12"	124.8723853
20806	Iqbal Town	Johar Town	9"	RCC	1148.15	227681.043	1000	198302.5241	425983.5672	26	1992		D	H	T	1	12"	198.3025241
20807	Iqbal Town	Johar Town	9"	RCC	1148.15	181262.431	1000	157873.4752	339135.9057	22	1996		B	M	T	10	9"	157.8734752
20808	Iqbal Town	Johar Town	12"	RCC	1667.2	86456.7484	1000	51857.45465	138314.203	26	1992		C	H	P	10	12"	51.85745465

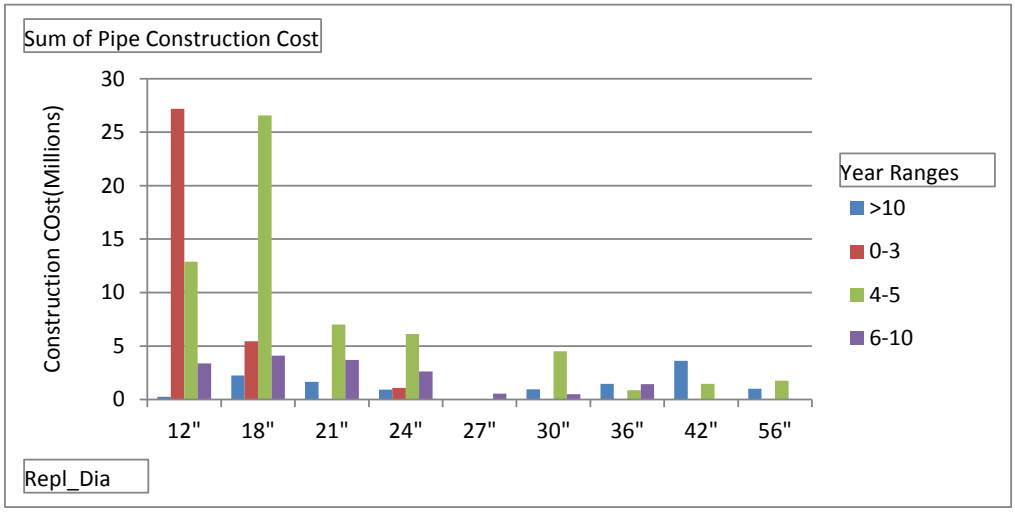
Sum of Shape_Length (m)	Column Labels									
Row Labels	1	2	3	5	7	10	15	20	25	Grand Total
12"	17263.76132	1172.797065	8761.049697	12887.56002		3367.088977	206.1832937		56.58958021	43715.02994
18"		760.4748213	4678.796019	26578.64799	391.2970875	3714.380108	630.4353472	1602.38144		38356.41281
21"				3506.299431		1852.012877	81.76714363	739.2487256		6179.328177
24"		545.7412443		3055.00922		1311.961373		458.5676839		5371.279521
27"						268.7753437				268.7753437
30"				2257.354292		241.9869011		478.6466587		2977.987851
36"				290.1648318		480.5997478	142.1837802	346.4222273		1259.370587
42"				489.2389389				1210.044948		1699.283887
56"				583.8188596			333.7623923			917.5812519
Grand Total	**17263.76132**	**2479.01313**	**13439.84572**	**49648.09357**	**391.2970875**	**11236.80533**	**1394.331957**	**4835.311683**	**56.58958021**	**100745.0494**



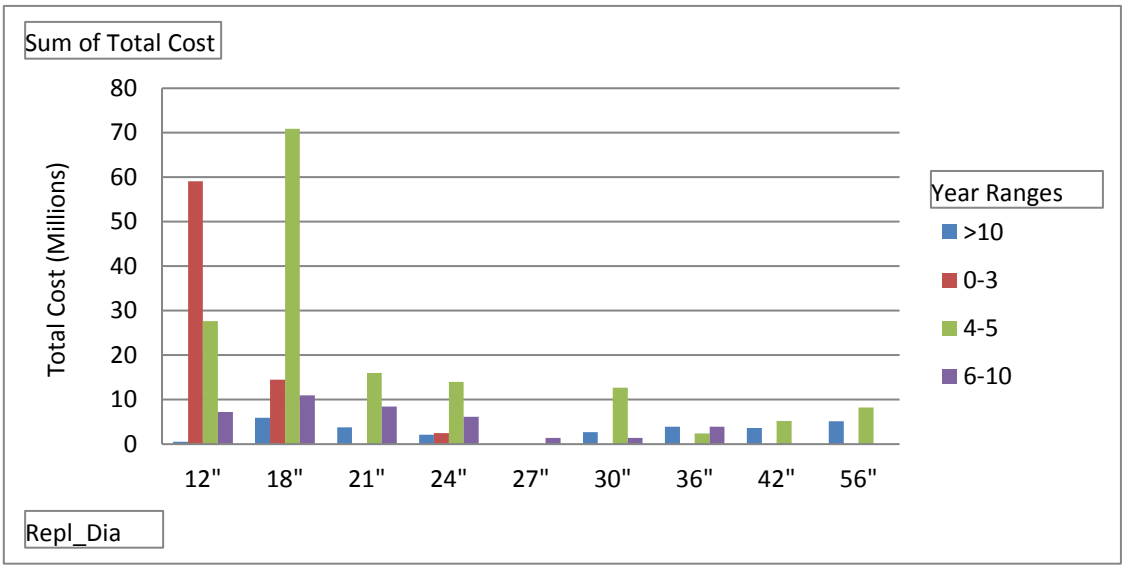
Sum of Pipe Cost	Column Labels				
Row Labels	>10	0-3	4-5	6-10	Grand Total
12"	301702.6752	31879338.19	14796852.03	3865923.209	50843816.11
18"	3722552.148	9068352.345	44311921.92	6844985.02	63947811.43
21"	2102375.336		8978580.953	4742449.375	15823405.66
24"	1174254.268	1397479.604	7868294.366	3526002.629	13966030.87
27"				837020.1754	837020.1754
30"	1739282.296		8202661.157	879319.902	10821263.36
36"	2419021.861		1508131.713	2497917.189	6425070.764
42"	0		3716405.751		3716405.751
56"	4159513.814		6461666.501		10621180.31
Grand Total	**15618702.4**	**42345170.14**	**95844514.39**	**23193617.5**	**177002004.4**



Sum of Pipe Construction Cost	Column Labels				
Row Labels	>10	0-3	4-5	6-10	Grand Total
12"	262772.8739	27197608.08	12887560.02	3367088.977	43715029.94
18"	2232816.787	5439270.841	26578647.99	4105677.195	38356412.81
21"	1642031.738		7012598.862	3704025.754	12358656.35
24"	917135.3679	1091482.489	6110018.441	2623922.745	10742559.04
27"				537550.6874	537550.6874
30"	957293.3174		4514708.583	483973.8023	5955975.703
36"	1465818.023		870494.4953	1441799.243	3778111.761
42"	3630134.843		1467716.817		5097851.66
56"	1001287.177		1751456.579		2752743.756
Grand Total	**12109290.13**	**33728361.41**	**61193201.78**	**16264038.41**	**123294891.7**



Sum of Total Cost	Column Labels				
Row Labels	>10	0-3	4-5	6-10	Grand Total
12"	564475.5491	59076946.27	27684412.05	7233012.187	94558846.05
18"	5955368.935	14507623.19	70890569.91	10950662.22	102304224.2
21"	3744407.075		15991179.81	8446475.129	28182062.02
24"	2091389.636	2488962.093	13978312.81	6149925.374	24708589.91
27"				1374570.863	1374570.863
30"	2696575.613		12717369.74	1363293.704	16777239.06
36"	3884839.884		2378626.208	3939716.433	10203182.53
42"	3630134.843		5184122.568		8814257.411
56"	5160800.991		8213123.08		13373924.07
Grand Total	**27727992.53**	**76073531.55**	**157037716.2**	**39457655.91**	**300296896.1**



FLEET DATA WSS PESHAWAR, ZONE-C.										
S.No	Asset Code	Asset Category	Asset Name	BRAND	Area (Union Council)	No's	Condition	Model	Risk	Remarks
1	ZC-FLT1	FLEET	China Tractor Trolley	China Generator Tractor	29	2	C	2006	MEDIUM	
2	ZC-FLT2	FLEET	Suzuki Mini Dumper	Suzuki	29	1	A	2015	LOW	
3	ZC-FLT3	FLEET	Arm Roll 5 Cum	Hino	29	1	A	2016	LOW	
4	ZC-FLT4	FLEET	Compactor	Hino	29	0	A	2013	LOW	
5	ZC-FLT5	FLEET	Open Truck	China Truck	29	0	C	1980	HIGH	
6	ZC-FLT6	FLEET	China Tractor Trolley	China Generator Tractor	31	1	B	2006	MEDIUM	
7	ZC-FLT7	FLEET	Suzuki Mini Dumper	Suzuki	31	2	A	2015	LOW	
8	ZC-FLT8	FLEET	Arm Roll 5 Cum	Hino	31	0	A	2016	LOW	
9	ZC-FLT9	FLEET	Compactor	Hino	31	1	A	2013	LOW	
10	ZC-FLT10	FLEET	Open Truck	China Truck	31	0	C	1980	HIGH	
11	ZC-FLT11	FLEET	China Tractor Trolley	China Generator Tractor	32	1	B	2006	MEDIUM	
12	ZC-FLT12	FLEET	Suzuki Mini Dumper	Suzuki	32	1	A	2015	LOW	
13	ZC-FLT13	FLEET	Arm Roll 5 Cum	Hino	32	1	A	2016	LOW	
14	ZC-FLT14	FLEET	Compactor	Hino	32	1	A	2013	LOW	
15	ZC-FLT15	FLEET	Open Truck	China Truck	32	0	C	1980	HIGH	
16	ZC-FLT16	FLEET	China Tractor Trolley	China Generator Tractor	33	0	B	2006	MEDIUM	
17	ZC-FLT17	FLEET	Suzuki Mini Dumper	Suzuki	33	2	A	2015	LOW	
18	ZC-FLT18	FLEET	Arm Roll 5 Cum	Hino	33	2	A	2016	LOW	
19	ZC-FLT19	FLEET	Compactor	Hino	33	1	A	2013	LOW	
20	ZC-FLT20	FLEET	Open Truck	China Truck	33	0	C	1980	HIGH	
21	ZC-FLT21	FLEET	China Tractor Trolley	China Generator Tractor	34	1	B	2006	MEDIUM	
22	ZC-FLT22	FLEET	Suzuki Mini Dumper	Suzuki	34	2	A	2015	LOW	
23	ZC-FLT23	FLEET	Arm Roll 5 Cum	Hino	34	0	A	2016	LOW	
24	ZC-FLT24	FLEET	Compactor	Hino	34	1	A	2013	LOW	
25	ZC-FLT25	FLEET	Open Truck	China Truck	34	0	C	1980	HIGH	
26	ZC-FLT26	FLEET	China Tractor Trolley	China Generator Tractor	35	1	B	2006	MEDIUM	
27	ZC-FLT27	FLEET	Suzuki Mini Dumper	Suzuki	35	1	A	2015	LOW	
28	ZC-FLT28	FLEET	Arm Roll 5 Cum	Hino	35	0	A	2016	LOW	
29	ZC-FLT29	FLEET	Compactor	Hino	35	1	A	2013	LOW	
30	ZC-FLT30	FLEET	Open Truck	China Truck	35	0	C	1980	HIGH	
31	ZC-FLT31	FLEET	China Tractor Trolley	China Generator Tractor	36	1	B	2006	MEDIUM	
32	ZC-FLT32	FLEET	Suzuki Mini Dumper	Suzuki	36	2	A	2015	LOW	
33	ZC-FLT33	FLEET	Arm Roll 5 Cum	Hino	36	1	A	2016	LOW	

FLEET DATA WSS PESHAWAR, ZONE-C.										
S.No	Asset Code	Asset Category	Asset Name	BRAND	Area (Union Council)	No's	Condition	Model	Risk	Remarks
34	ZC-FLT34	FLEET	Compactor	Hino	36	0	A	2013	LOW	
35	ZC-FLT35	FLEET	Open Truck	China Truck	36	1	C	1980	HIGH	
36	ZC-FLT36	FLEET	China Tractor Trolley	China Generator Tractor	81	0	B	2006	MEDIUM	
37	ZC-FLT37	FLEET	Suzuki Mini Dumper	Suzuki	81	3	A	2015	LOW	
38	ZC-FLT38	FLEET	Arm Roll 5 Cum	Hino	81	1	A	2016	LOW	
39	ZC-FLT39	FLEET	Compactor	Hino	81	0	A	2013	LOW	
40	ZC-FLT40	FLEET	Open Truck	China Truck	81	0	C	1980	HIGH	
41	ZC-FLT41	FLEET	China Tractor Trolley	China Generator Tractor	Kohat Road	0	B	2006	MEDIUM	

FLEET DATA WSS PESHAWAR, ZONE-C.										
S.No	Asset Code	Asset Category	Asset Name	BRAND	Area (Union Council)	No's	Condition	Model	Risk	Remarks
42	ZC-FLT42	FLEET	Suzuki Mini Dumper	Suzuki	Kohat Road	0	A	2015	LOW	
43	ZC-FLT43	FLEET	Arm Roll 5 Cum	Hino	Kohat Road	1	A	2016	LOW	
44	ZC-FLT44	FLEET	Compactor	Hino	Kohat Road	0	A	2013	LOW	
45	ZC-FLT45	FLEET	Open Truck	China Truck	Kohat Road	0	C	1980	HIGH	
46	ZC-FLT46	FLEET	China Tractor Trolley	China Generator Tractor	Main Jamrud Road	0	B	2006	MEDIUM	
47	ZC-FLT47	FLEET	Suzuki Mini Dumper	Suzuki	Main Jamrud Road	2	A	2015	LOW	
48	ZC-FLT48	FLEET	Arm Roll 5 Cum	Hino	Main Jamrud Road	2	A	2016	LOW	
49	ZC-FLT49	FLEET	Compactor	Hino	Main Jamrud Road	1	A	2013	LOW	
50	ZC-FLT50	FLEET	Open Truck	China Truck	Main Jamrud Road	0	C	1980	HIGH	
51	ZC-FLT51	FLEET	China Tractor Trolley	China Generator Tractor	Bara Road	0	B	2006	MEDIUM	
52	ZC-FLT52	FLEET	Suzuki Mini Dumper	Suzuki	Bara Road	1	A	2015	LOW	
53	ZC-FLT53	FLEET	Arm Roll 5 Cum	Hino	Bara Road	1	A	2016	LOW	
54	ZC-FLT54	FLEET	Compactor	Hino	Bara Road	0	A	2013	LOW	
55	ZC-FLT55	FLEET	Open Truck	China Truck	Bara Road	0	C	1980	HIGH	

TUBE WELLS
WSS PESHAWAR, ZONE-C

S.No	Asset Code	Asset Category	Asset Name	Address		Condition	Meter Condition	Transformer	HP	Risk	Operator Name	Cell Number	Supervisor Name	Supervsior Contact #	Remarks
				Neighbourhood Council	Union Council										
1	ZC-TW1	Tube Well	KOHAT BUS STAND	81	29	B	A	50	25	LOW	DILAWAR KHAN	0300-5967924	SHAHZAD GUL	0312-9102822	
2	ZC-TW2	Tube Well	JUDGE BANGLOW	95	34	A	A	50	20	LOW	JAFAR KHAN	0321-9691379	NASAR KHAN	0301-8899645	
3	ZC-TW3	Tube Well	GUL ABAD POLICE CHOWKI	96	34	A	A	50	20	LOW	M.FAYAZ	0308-5304528	NASAR KHAN	0301-8899645	
4	ZC-TW4	Tube Well	CHARKHANA ROAD TANKI	95	34	A	A	50	20	LOW	YOUSAF	0311-9977017	NASAR KHAN	0301-8899645	
5	ZC-TW5	Tube Well	Tv colony	94	33	A	A	50	20	LOW	Alham	0313-9674417	HAYAT KHAN	0333-9224810	
6	ZC-TW6	Tube Well	Arsala Danishabad	102	36	A	A	50	20	LOW	Farid	0322-9065764	SHAHZAD GUL	0312-9102822	
7	ZC-TW7	Tube Well	Danish abad tanki no 2	102	36	A	A	50	20	LOW	Haleem khan		SHAHZAD GUL	0312-9102822	
8	ZC-TW8	Tube Well	Arbab Atiq abad road	102	36	A	A	50	20	LOW	Abdul Majeed	0345-9059567	SHAHZAD GUL	0312-9102822	
9	ZC-TW9	Tube Well	Old Bilal lane	102	36	A	C	50	20	LOW	Wajid ali	0345-9041331	SHAHZAD GUL	0312-9102822	
10	ZC-TW10	Tube Well	NASEEM COLONY	94	33	A	A	50	23	LOW	ABDUL SALAM	0342-8586158	NASAR KHAN	0301-8899645	
11	ZC-TW11	Tube Well	BADAR KALI 2	81	29	B	A	50	25	LOW	FAHEEM	0346-9726961	SHAHZAD GUL	0312-9102822	
12	ZC-TW12	Tube Well	BADAR KAL ITANKI	81	29	B	A	50	25	LOW	MUAZ KHAN	0321-9078325	SHAHZAD GUL	0312-9102822	
13	ZC-TW13	Tube Well	BEKZAI	81	29	B	A	50	25	LOW	HILAL	0300-9348074	SHAHZAD GUL	0312-9102822	
14	ZC-TW14	Tube Well	ACHAR	81	29	B	B	50	25	LOW	NOOR REHMAN	0300-9399109	SHAHZAD GUL	0312-9102822	
15	ZC-TW15	Tube Well	GHAZI BABA	82	29	A	B	50	25	LOW	ANWAR ZAIB	0346-9097855	SHAHZAD GUL	0312-9102822	
16	ZC-TW16	Tube Well	GUL GASHT COLONY	87	31	B	C	50	25	LOW	MUSTAFA KHAN	0321-9009223	NASAR KHAN	0301-8899645	
17	ZC-TW17	Tube Well	JANDAR GALI	88	31	B	C	50	25	LOW	M.REHMAN	0303-8276737	NASAR KHAN	0301-8899645	
18	ZC-TW18	Tube Well	SARWAR COLONY (GULBARG)	88	31	D	F	50	25	HIGH	NUBAHAR	0323-9557154	NASAR KHAN	0301-8899645	
19	ZC-TW19	Tube Well	CHAMBA PIR ROAD	88	31	B	A	50	25	LOW	SHAH FARUKH	0336-9051684	NASAR KHAN	0301-8899645	
20	ZC-TW20	Tube Well	DHER BAGHBANAN MALANG PURA (NEW)	90	32	A	B	50	25	LOW	ABDULLAH SHAH	0313-2176100	NASAR KHAN	0301-8899645	
21	ZC-TW21	Tube Well	ROKHANO (KOTLA MUHSIN KHAN)	91	32	A	A	50	25	LOW	A.ZAHOR ALI KHAN	0333-9343929	NASAR KHAN	0301-8899645	
22	ZC-TW22	Tube Well	MUSHTAQ ABAD	91	32	A	F	50	25	LOW	LIAQAT ALI	0336-9298527	NASAR KHAN	0301-8899645	
23	ZC-TW23	Tube Well	IZZAT KHAN CHOWK	94	33	A	A	50	25	LOW	MALIK AMJID ALI	0300-9598557	NASAR KHAN	0301-8899645	
24	ZC-TW24	Tube Well	BADSHAHI LARA MOHALLA YOUSAF ABAD	93	33	A	A	50	25	LOW	KHUSDIL	0321-9004857	NASAR KHAN	0301-8899645	
25	ZC-TW25	Tube Well	MUHALLAH SCHOOL	96	33	B	F	50	25	LOW	ABDUL WAKEEL	0314-9071401	NASAR KHAN	0301-8899645	
26	ZC-TW26	Tube Well	GUL BARGH NO 4	96	33	B	F	50	25	LOW	JANZAIB KHAN	0344-9091829	NASAR KHAN	0301-8899645	
27	ZC-TW27	Tube Well	USMANIA COLONY	95	34	B	F	50	25	LOW	QAZI M.IMRAN	0345-9039237	NASAR KHAN	0301-8899645	
28	ZC-TW28	Tube Well	MISKEEN ABAD	95	34	A	A	50	25	LOW	ASGHAR SHAH AFRIDI	0345-9148317	NASAR KHAN	0301-8899645	
29	ZC-TW29	Tube Well	PIR LANGOT BABA	95	34	A	A	50	25	LOW	NOOR ALAM	0344-9853898	NASAR KHAN	0301-8899645	
30	ZC-TW30	Tube Well	GUL ABAD BAMBA ROAD 1 (NEW)	95	34	A	C	50	25	LOW	FAZL-E-WAHAB	0321-6982951	NASAR KHAN	0301-8899645	
31	ZC-TW31	Tube Well	GUL ABAD NO -2 BAMBA ROAD (JANGLA)	97	34	C	A	50	25	MEDIUM	M.NAEEM	0345-5114791	NASAR KHAN	0301-8899645	

TUBE WELLS
WSS PESHAWAR, ZONE-C

S.No	Asset Code	Asset Category	Asset Name	Address		Condition	Meter Condition	Transformer	HP	Risk	Operator Name	Cell Number	Supervisor Name	Supervsior Contact #	Remarks
				Neighbourhood Council	Union Council										
32	ZC-TW32	Tube Well	GULBARG NO 2 RAILWAY LINE	97	34	A	A	50	25	LOW	ASIM ALI	0346-9792659	NASAR KHAN	0301-8899645	
33	ZC-TW33	Tube Well	GULBARG SERVICE STATION	97	34	A	B	50	25	LOW	ABDUL WAHEED	NIL	NASAR KHAN	0301-8899645	
34	ZC-TW34	Tube Well	Umeed abad no 1(NASIR QUARTER)	94	33	C	B	50	25	MEDIUM	Ibrar hussain	0301-5977250	HAYAT KHAN	0333-9224810	
35	ZC-TW35	Tube Well	Saleem saraf	94	33	A	A	50	25	LOW	Mazhar hussain	0300-9599607	HAYAT KHAN	0333-9224810	
36	ZC-TW36	Tube Well	Jan bagh	93	33	A	A	50	25	LOW	IKRAM ULLAH		HAYAT KHAN	0333-9224810	
37	ZC-TW37	Tube Well	Sarhad street	94	33	B	A	50	25	LOW	Gohar ali	0334-9081813	HAYAT KHAN	0333-9224810	
38	ZC-TW38	Tube Well	Banker strret	94	34	B	A	50	25	LOW	Aziz gul	0301-5937839	HAYAT KHAN	0333-9224810	
39	ZC-TW39	Tube Well	Pawaka school	98	35	B	A	50	25	LOW	Sartaj khan	0303-977739	HAYAT KHAN	0333-9224810	
40	ZC-TW40	Tube Well	Pawaka Shakir bara	98	35	C	A	50	25	MEDIUM	Salah udin	0312-9982209	SHAHZAD GUL	0312-9102822	
41	ZC-TW41	Tube Well	Wali abad nawi kely	99	35	A	D	50	25	LOW	Faiz ur rehman	0322-9110783	SHAHZAD GUL	0312-9102822	

TUBE WELLS WSS PESHAWAR, ZONE-C															
S.No	Asset Code	Asset Category	Asset Name	Address		Condition	Meter Condition	Transformer	HP	Risk	Operator Name	Cell Number	Supervisor Name	Supervsior Contact #	Remarks
				Neighbourhood Council	Union Council										
42	ZC-TW42	Tube Well	Noouthia payan custom chowk	99	35	A	D	50	25	LOW	Rahatullah	0321-9116066	SHAHZAD GUL	0312-9102822	
43	ZC-TW43	Tube Well	Almaas wala Yousaf abad	100	35	A	D	50	25	LOW	Almas khan	0323-9112414	Hayat	0333-9224810	
44	ZC-TW44	Tube Well	Umer gul road	100	35	A	A	50	25	LOW	Arshid Khan	0322-9045214	Hayat	0333-9224810	
45	ZC-TW45	Tube Well	Niaz abad board	102	36	A	A	50	25	LOW	Amjid khan	0321-9093286	SHAHZAD GUL	0312-9102822	
46	ZC-TW46	Tube Well	Danish abad tanki no 1	102	36	C	B	50	25	MEDIUM	Kamran	0314-9094030	SHAHZAD GUL	0312-9102822	
47	ZC-TW47	Tube Well	Farhad danishabad	102	36	A	B	50	25	LOW	Mathi ullah	0302-5798387	SHAHZAD GUL	0312-9102822	
48	ZC-TW48	Tube Well	Gulshan iqbal tanki	102	36	A	C	50	25	LOW	Maaz khan	0332-9359337	SHAHZAD GUL	0312-9102822	
49	ZC-TW49	Tube Well	Lowar Lakhtay	98	35	A	F	50	25	LOW	Ghulam		SHAHZAD GUL	0312-9102822	
50	ZC-TW50	Tube Well	Pawaka Tanki	98	35	A	A	50	25	LOW	Humayoon		SHAHZAD GUL	0312-9102822	
51	ZC-TW51	Tube Well	Bara Gate Tube well	100	35	A	A	50	25	LOW	Mohammad Hilal Khan	0313-7878795	HAYAT	0333-9224810	
52	ZC-TW52	Tube Well	Gojarano	94	33	A	A	50	25	LOW	Amir Qayyum		HAYAT	0333-9224810	
53	ZC-TW53	Tube Well	Fida Hujra	99	35	A	A	50	25	LOW	Arshad		SHAHZAD GUL	0312-9102822	
54	ZC-TW54	Tube Well	SHEKHANO	81	29	B	B	50	30	LOW	ADNAN AHMAN	0315-9273688	SHAHZAD GUL	0312-9102822	
55	ZC-TW55	Tube Well	ACHAR MUHALLAH LOHARAN	82	29	B	B	50	30	LOW	MUHAMMAD FAISAL		SHAHZAD GUL	0312-9102822	
56	ZC-TW56	Tube Well	JAVED ABAD	82	29	A	A	50	30	LOW	HAWAS KHAN	0315-3537549	SHAHZAD GUL	0312-9102822	
57	ZC-TW57	Tube Well	JAVED ABAD NO. 2	82	29	A	A	50	30	LOW	ZARSHID KHAN	0310-9676949	SHAHZAD GUL	0312-9102822	
58	ZC-TW58	Tube Well	AMIN COLONY	82	29	A	A	50	30	LOW	WAJIDULLAH	0345-9021521	SHAHZAD GUL	0312-9102822	
59	ZC-TW59	Tube Well	DISTRICT COUNCILE TUBE WELL NO 1	87	31	A	A	50	30	LOW	M.JIBRAN	0344-9090341	NASAR KHAN	0301-8899645	
60	ZC-TW60	Tube Well	DISTRICT COUNCILE TUBE WELL NO 2	87	31	C	A	50	30	MEDIUM	IBRAR AHMAD	0332-9088345	NASAR KHAN	0301-8899645	
61	ZC-TW61	Tube Well	GULSTAN COLONY NO 3 (new)	87	31	C	A	50	30	MEDIUM	S.IQBAL HUSSAIN	0315-9361481	NASAR KHAN	0301-8899645	
62	ZC-TW62	Tube Well	MUSTARIQA COLONY (NIAMAT HUJRA)	87	31	B	C	50	30	LOW	REFAD KHAN	0311-9535258	NASAR KHAN	0301-8899645	
63	ZC-TW63	Tube Well	ASIF BAGHI PARK	87	31	B	C	50	30	LOW	M.NADEEM	0332-9200719	NASAR KHAN	0301-8899645	
64	ZC-TW64	Tube Well	LEWANEY BABA	87	31	B	C	50	30	LOW	SIKANDER HAYAT	0345-9101959	NASAR KHAN	0301-8899645	

TUBE WELLS WSS PESHAWAR, ZONE-C															
S.No	Asset Code	Asset Category	Asset Name	Address		Condition	Meter Condition	Transformer	HP	Risk	Operator Name	Cell Number	Supervisor Name	Supervsior Contact #	Remarks
				Neighbourhood Council	Union Council										
65	ZC-TW65	Tube Well	DHERI BAGHBANAN QABRISTAN (NASEER ABAD)NEW	91	32	A	B	50	30	LOW	GHULAM HUSSAIN	0322-9096884	NASAR KHAN	0301-8899645	
66	ZC-TW66	Tube Well	AUDIT COLONY	civil colony	30	A	B	50	30	LOW	M.NAVEED	0321-9015399	NASAR KHAN	0301-8899645	
67	ZC-TW67	Tube Well	LALA RUKH COLONY	90	32	A	A	50	30	LOW	RIFATULLAH	0321-9009553	NASAR KHAN	0301-8899645	
68	ZC-TW68	Tube Well	NAZAR ABAD	91	32	A	A	50	30	LOW	NASIR KHAN	0301-5937395	NASAR KHAN	0301-8899645	
69	ZC-TW69	Tube Well	MULTANAY BABA	91	32	A	A	50	30	LOW	FIDA MUHAMMAD	0333-9145037	NASAR KHAN	0301-8899645	
70	ZC-TW70	Tube Well	MUSHTAQ ABAD (NEW)	91	32	A	F	50	30	LOW	JANZAB REHMAN	0315-8218235	NASAR KHAN	0301-8899645	
71	ZC-TW71	Tube Well	DHERI BAGHBANAN SCHOOL NEW	90	32	A	F	50	30	LOW	S.M.SHERAZ	0312-5964726	NASAR KHAN	0301-8899645	
72	ZC-TW72	Tube Well	GHARI MALAK AHMAD	93	33	A	A	50	30	LOW	AZMAT KHAN	0346-9063018	NASAR KHAN	0301-8899645	
73	ZC-TW73	Tube Well	GHARI MALAK AHMAD IMRAN ABAD	93	33	A	A	50	30	LOW	FARMANULLAH	0346-9150680	NASAR KHAN	0301-8899645	
74	ZC-TW74	Tube Well	MACHINE GHARI TANKI	93	33	A	A	50	30	LOW	SHAFIQ UR REHMAN	0333-9145046	NASAR KHAN	0301-8899645	
75	ZC-TW75	Tube Well	MUHALLAH MULTAN BABA	92	33	A	A	50	30	LOW	ABDURASHID	0345-9391573	NASAR KHAN	0301-8899645	
76	ZC-TW76	Tube Well	SHAH COLONY	92	33	A	A	50	30	LOW	SULIMAN	0300-5942704	NASAR KHAN	0301-8899645	
77	ZC-TW77	Tube Well	HUMAYOON NAZIM	96	34	A	A	50	30	LOW	AMIR SHEHZADA	0303-8322734	NASAR KHAN	0301-8899645	
78	ZC-TW78	Tube Well	GUL ABAD (GUJARAN)	97	34	A	A	50	30	LOW	HASSAN REHMAN	0311-9989630	NASAR KHAN	0301-8899645	
79	ZC-TW79	Tube Well	CHARKHANA ROAD MUSLIM ABAD NO-1	95	34	A	C	50	30	LOW	JAN KHAN	0301-8987441	NASAR KHAN	0301-8899645	
80	ZC-TW80	Tube Well	GUL ABAD QABRISTAN (MANI USTAD KARKHANA)	97	34	A	A	50	30	LOW	ZAHID ULLAH	0308-2094892	NASAR KHAN	0301-8899645	
81	ZC-TW81	Tube Well	GUL ABAD (TANKI)	97	34	A	A	50	30	LOW	S.HILAL BADSHAH	0342-5619606	NASAR KHAN	0301-8899645	
82	ZC-TW82	Tube Well	SHAHEEN COLONY	94	35	A	B	50	30	LOW	MOHAMMAD SHAH FAISAL	0313-7575383	NASAR KHAN	0301-8899645	
83	ZC-TW83	Tube Well	Swati Tanki	94	33	A	A	50	30	LOW	Iftikhar gul	0321-9078950	HAYAT KHAN	0333-9224810	
84	ZC-TW84	Tube Well	Umeed abad no 2	94	33	A	A	50	30	LOW	Sher afzal	0315-9888979	HAYAT KHAN	0333-9224810	
85	ZC-TW85	Tube Well	Landi Arbab Medany	94	33	A	A	50	30	LOW	Abdul Qadeer	0303-8303780	HAYAT KHAN	0333-9224810	
86	ZC-TW86	Tube Well	Landi arbab Kandi	94	33	A	A	50	30	LOW	Dilawar	0300-9397020	HAYAT KHAN	0333-9224810	
87	ZC-TW87	Tube Well	CharKha Khel	93	33	A	A	50	30	LOW	Haleem khan	0348-9367147	HAYAT KHAN	0333-9224810	
88	ZC-TW88	Tube Well	Aqa baba pawaka	98	35	A	D	50	30	LOW	Yaqoob	0321-9006447	SHAHZAD GUL	0312-9102822	
89	ZC-TW89	Tube Well	Abdara tanki	99	35	F	D	50	30	HIGH	Sadaqaat shah	0300-9357668	SHAHZAD GUL	0312-9102822	
90	ZC-TW90	Tube Well	Abdara shahzada	99	35	A	D	50	30	LOW	Tariq hussain	0331-9016853	SHAHZAD GUL	0312-9102822	
91	ZC-TW91	Tube Well	Manaaf wala Nawy kely	100	35	A	A	50	30	LOW	Mohammad Kamran	0334-6871897	Hayat	0333-9224810	

TUBE WELLS WSS PESHAWAR, ZONE-C															
S.No	Asset Code	Asset Category	Asset Name	Address		Condition	Meter Condition	Transformer	HP	Risk	Operator Name	Cell Number	Supervisor Name	Supervsior Contact #	Remarks
				Neighbourhood Council	Union Council										
92	ZC-TW92	Tube Well	Nisar Wakeel Shaheed abad Nawi Kely.	100	35	A	A	50	30	LOW	Rehmat Gul	0321-9148987	Hayat	0333-9224810	
93	ZC-TW93	Tube Well	Kakool public school	100	35	A	A	50	30	LOW	Baloch	0333-0521945	SHAHZAD GUL	0312-9102822	
94	ZC-TW94	Tube Well	Hazar bakht Nawi kely	100	35	A	A	50	30	LOW	Nisar Khan	0315-9039096	Hayat	0333-9224810	
95	ZC-TW95	Tube Well	GHAFAR ABAD (KOTLA MUHSIN KHAN	92	33	B	F	50	31	LOW	IMRAN	0333-9028834	NASAR KHAN	0301-8899645	
96	ZC-TW96	Tube Well	GULBARG PATAK	88	31	D	A	50	40	HIGH	IMDAD	0333-9409864	NASAR KHAN	0301-8899645	

ASSET CONDITION OF DISPOSAL STATIONS OF GULBERG LAHORE

DisposalStationId	FormNo	Name	DepartmentId	DisposalCapacity	Construction Year	TransFormerSr No	Subdivision	Town	Location	Condtion	ASSET GRADING			
											physical condition	Reliabilty of asset	performance of asset	asset condition rating
180185010400020030-181	180-1-8-0048	Liberty Car Parking	16	24	2007	1	Gulberg	Gulberg Town	Liberty Market Gulberg-III	good	B	B	B	2
180185010400020030-81	180-1-8-0038	G-Block Gulberg-II	16	100	1997	1	Gulberg	Gulberg Town	G-Block Gulberg-II Near Drain	fair	C	C	C	3
180185010400020030-121	180-1-8-0042	A-I Block Gurumanget Gulberg-III	16	55	2008	1	Gulberg	Gulberg Town	A-I Block Gulberg-III.	fair	C	C	C	3
180185010400020030-241	1800321323	Ferozpur Road underpass lift station	16	6	1947		Gulberg	Gulberg Town		fair	C	C	C	3
180185010400020030-231	1800321322	FCC underpass lift station	16	6	1947		Gulberg	Gulberg Town		fair	C	C	C	3
180185010400020030-161	180-1-8-0046	Nawaz Sharif Colony Ferozpur Road	16	4	2010	1	Gulberg	Gulberg Town	Nawaz Sharif Colony Ferozpur Road	good	B	B	B	2
180185010400020030-251	1800321324	Kalma Chowk underpass lift station	16	46	1947		Gulberg	Gulberg Town		fair	C	C	C	3
180185010400020030-101	180-1-8-0040	Sharif Colony Gulberg-II	16	10	1993	1	Gulberg	Gulberg Town	Sharif Colony Gulberg-II	fair	C	C	C	3
180185010400020030-221	1800321321	Jail Road underpass lift station	16	10	1947		Gulberg	Gulberg Town		fair	C	C	C	3
180185010400020030-151	180-1-8-0045	I.T Park Ferozpur Road	16	72	2007	1	Gulberg	Gulberg Town	I.T Park Ferozpur Road	good	B	B	B	2
180185010400020030-211	1800321320	Mall Road Underpass Lift Station	16		1947		Gulberg	Gulberg Town		fair	C	C	C	3
180185010400020030-91	180-1-8-0039	Q-Block Gulberg-II	16	31	2007	1	Gulberg	Gulberg Town	Q-Block Gulberg-II Near Cantt Drain.	good	B	B	B	2
180185010400020030-131	180-1-8-0043	Makkah Colony Gulberg-III.	16	41	1992	1	Gulberg	Gulberg Town	Makkah Colony Gulberg-III	fair	C	C	C	3
180185010400020030-111	180-1-8-0041	Zafar Ali Road Gulberg-V	16	12	2005	1	Gulberg	Gulberg Town	Zafar Ali Road Gulberg-V	good	B	B	B	2
180185010400020030-141	180-1-8-0044	Center Point	16	14	1994	1	Gulberg	Gulberg Town	G-Block Gulberg-III	fair	C	C	C	3
180185010400020030-171	180-1-8-0047	Kalma Chowk Gulberg-III	16	20	1947	1	Gulberg	Gulberg Town	Kalma Chowk Near L-Block G-III .	fair	C	C	C	3

New/Excellent Condition	Minor Defects Only	Moderate Deterioration	Significant Deterioration	Unservicable
A	B	C	D	F

Asset Performance				
Meets Performance Targets	Minor Performance Deficiencies	Considerable Performance Deficiencies	Major Performance Deficiencies	Doesn't Meet Performance Targets
A	B	C	D	F

Asset reliability				
As Specified by Manufacturer	Random Breakdown	Occasional Breakdown	Periodic Breakdown	Continuous Breakdown
A	B	C	D	F

Asset Condition Rating				
Excellent	Good	Fair	Poor	Failing
1	2	3	4	5
A	B	C	D	F

Asset Maintenance Plan Of disposal stations of Gulberg dubdivision based on their Risk

Code	Category	Asset location	subdivision	Condition	Probability of Failure Rating	Impact Rating	Risk	Action Plan for Asset Management
180-1-8-0048	diposal station	Liberty Car Parking	Gulberg	B	2	1	low	preventive maintenance
180-1-8-0038	diposal station	G-Block Gulberg-II	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0042	diposal station	A-I Block Gurumanget Gulberg-III	Gulberg	C	3	1	moderate	priority maintence
1800321323	diposal station	Ferozpur Road underpass lift station	Gulberg	C	3	1	moderate	priority maintence
1800321322	diposal station	FCC underpass lift station	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0046	diposal station	Nawaz Sharif Colony Ferozpur Road	Gulberg	B	2	1	low	preventive maintenance
1800321324	diposal station	Kalma Chowk underpass lift station	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0040	diposal station	Sharif Colony Gulberg-II	Gulberg	C	3	1	moderate	priority maintence
1800321321	diposal station	Jail Road underpass lift station	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0045	diposal station	I.T Park Ferozpur Road	Gulberg	B	2	1	low	preventive maintenance
1800321320	diposal station	Mall Road Underpass Lift Station	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0039	diposal station	Q-Block Gulberg-II	Gulberg	B	2	1	low	preventive maintenance
180-1-8-0043	diposal station	Makkah Colony Gulberg-III.	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0041	diposal station	Zafar Ali Road Gulberg-V	Gulberg	B	2	1	low	preventive maintenance
180-1-8-0044	diposal station	Center Point	Gulberg	C	3	1	moderate	priority maintence
180-1-8-0047	diposal station	Kalma Chowk Gulberg-III	Gulberg	C	3	3	moderate	priority maintence

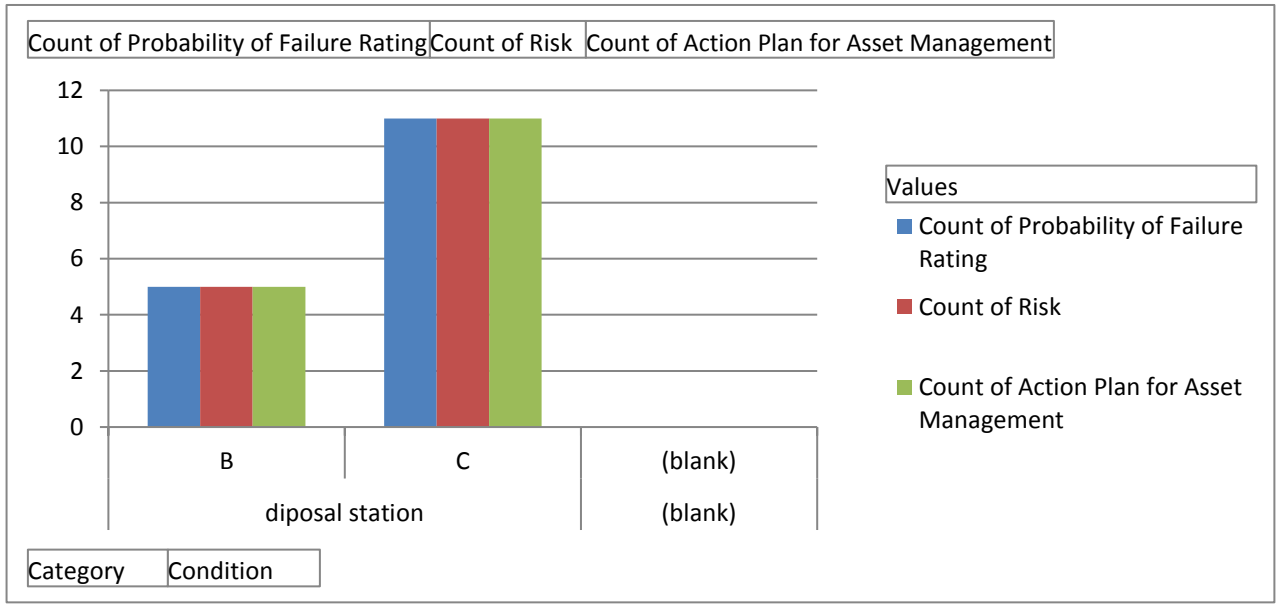
Condition	A	B	C	D	F
Probability of Failure Rating	1	2	3	4	5

Impact	Minor Component Failure	Major Component Failure	Asset Failure	Facility/ Sub-Division Failure	Total System Failure
Scale Value	1	2	3	4	5

Probability	Impact (Criticality Assessment)				
	1	2	3	4	5
A	Low Risk	Low Risk	Low Risk	Moderate Risk	High Risk
B	Low Risk	Low Risk	Moderate Risk	High Risk	High Risk
C	Low Risk	Moderate Risk	High Risk	High Risk	Significant Risk
D	Moderate Risk	High Risk	High Risk	Significant Risk	Significant Risk
F	High Risk	High Risk	Significant Risk	Significant Risk	Significant Risk

Condtion	Failure Risk State			
	Low	Moderate	High	Significant
A	Regular Maintenance	Regular Maintenance	Preventive Maintenance	Priority Maintenance
B	Regular Maintenance	Preventive Maintenance	Priority Maintenance	Priority Maintenance
C	Preventive Maintenance	Priority Maintenance	Priority Maintenance	Immidiate Maintenance
D	Priority Maintenance	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance
F	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance	Immidiate Maintenance

Row Labels	Count of Probability of Failure Rating	Count of Risk	Count of Action Plan for Asset Management
diposal station	**16**	**16**	**16**
B	5	5	5
C	11	11	11
(blank)			
(blank)			
Grand Total	**16**	**16**	**16**



ASSET CONDITION OF WATER SUPPLY OF GULBERG SUBDIVISION

Sub_Division	Town	length	Material	Age	Condition	replacement diameter	replacement year	Level	Risk
Gulberg	Gulberg	678.52223	AC	1985	B	8"	4	S	H
Gulberg	Gulberg Town	506.487377	CI	1985	C	8"	4	S	M
Gulberg	Gulberg Town	83.938001	AC	2000	B	6"	20	S	L
Gulberg	Gulberg Town	240.868924	AC	2000	B	6"	20	S	L
Gulberg	Gulberg Town	466.679613	CI	1975	C	6"	6	S	M
Gulberg	Gulberg Town	110.980722	AC	1985	C	6"	2	T	L
Gulberg	Gulberg Town	258.90646	CI	1975	C	10"	10	P	H
Gulberg	Gulberg Town	16.285004	CI	2010	B	8"	20	S	L
Gulberg	Gulberg Town	599.003225	AC	2008	B	8"	10	S	H
Gulberg	Gulberg Town	732.303764	AC	1990	C	8"	3	S	H
Gulberg	Gulberg Town	450.299096	CI	1985	C	6"	3	S	L
Gulberg	Gulberg Town	326.911435	AC	2010	A	6"	30	S	M
Gulberg	Gulberg Town	112.204752	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	129.767381	AC	2010	A	10"	30	S	M
Gulberg	Gulberg Town	304.655411	AC	1980	C	6"	5	S	M
Gulberg	Gulberg Town	464.980517	AC	1980	C	6"	5	S	M
Gulberg	Gulberg Town	124.733444	AC	1980	C	6"	5	S	M
Gulberg	Gulberg Town	103.959884	AC	2000	B	6"	20	S	M
Gulberg	Gulberg Town	185.978309	CI	1980	C	8"	2	S	M
Gulberg	Gulberg Town	32.789344	AC	1985	C	8"	5	S	M
Gulberg	Gulberg Town	739.557779	CI	1975	B	6"	20	S	H
Gulberg	Gulberg Town	642.793692	CI	1965	B	10"	5	P	L
Gulberg	Gulberg Town	86.574555	AC	1965	C	6"	5	T	H
Gulberg	Gulberg Town	154.276208	AC	1980	D	6"	1	P	H
Gulberg	Gulberg Town	366.313097	AC	1990	C	4"	5	T	M
Gulberg	Gulberg Town	324.011493	CI	1985	D	6"	1	T	M
Gulberg	Gulberg Town	93.784439	AC	1995	C	4"	3	T	M
Gulberg	Gulberg Town	190.017683	AC	1995	C	4"	3	T	M
Gulberg	Gulberg Town	189.02221	AC	1995	C	4"	3	T	M
Gulberg	Gulberg Town	187.451482	AC	1995	C	4"	3	T	M
Gulberg	Gulberg Town	29.392031	AC	1995	C	4"	3	T	M
Gulberg	Gulberg Town	71.352277	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	246.319896	AC	1985	C	6"	8	S	M
Gulberg	Gulberg Town	975.28387	AC	1960	C	6"	1	S	M
Gulberg	Gulberg Town	76.294782	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	49.652572	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	202.629462	HDP	2015	A	6"	50	T	H
Gulberg	Gulberg Town	84.28082	AC	1995	B	4"	5	T	H
Gulberg	Gulberg Town	71.567331	AC	1995	B	4"	5	T	H
Gulberg	Gulberg Town	209.343639	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	72.819109	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	73.603327	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	73.574399	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	122.325964	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	38.499298	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	37.01108	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	38.403821	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	34.138483	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	60.966355	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	62.050503	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	1688.95773	AC	1975	B	12"	20	P	H
Gulberg	Gulberg Town	2447.385542	CI	1998	A	10"	10	P	H

Gulberg	Gulberg Town	691.653237	CI	2010	B	10"	20	P	H
Gulberg	Gulberg Town	249.814181	CI	1965	C	10"	10	P	H
Gulberg	Gulberg Town	491.389621	CI	2005	A	10"	20	P	H
Gulberg	Gulberg Town	1297.983599	CI	2000	B	12"	10	P	H
Gulberg	Gulberg Town	1132.755592	AC	1990	B	36	20	P	H
Gulberg	Gulberg Town	571.189549	AC	1960	B	12"	20	P	H
Gulberg	Gulberg Town	611.229249	AC	1992	B	12"	25	P	H
Gulberg	Gulberg Town	533.562397	AC	1975	B	10"	7	P	H
Gulberg	Gulberg Town	580.546669	AC	2000	B	12"	50	P	H
Gulberg	Gulberg Town	444.546907	CI	2005	B	10"	20	P	H
Gulberg	Gulberg Town	1550.540018	AC	2000	B	10"	20	P	H
Gulberg	Gulberg Town	11.860027	CI	1998	B	12"	10	P	H
Gulberg	Gulberg Town	327.834556	AC	1975	C	10"	10	P	H
Gulberg	Gulberg Town	275.837651	CI	1945	C	10"	2	P	M
Gulberg	Gulberg Town	148.004987	CI	1955	C	10"	2	P	M
Gulberg	Gulberg Town	1293.81369	AC	1970	C	12"	5	P	H
Gulberg	Gulberg Town	465.863413	CI	1980	C	10"	10	P	H
Gulberg	Gulberg Town	3509.159941	AC	1999	C	12"	5	P	H
Gulberg	Gulberg Town	113.747785	AC	1975	B	12"	20	P	H
Gulberg	Gulberg Town	571.482486	AC	1955	C	12"	2	P	M
Gulberg	Gulberg Town	590.297251	AC	1975	C	10"	4	S	M
Gulberg	Gulberg Town	386.59937	AC	1965	C	10"	4	P	M
Gulberg	Gulberg Town	612.693207	CI	1965	C	10"	2	P	H
Gulberg	Gulberg Town	165.0362	DI	2012	B	12"	10	P	H
Gulberg	Gulberg Town	134.570148	DI	2012	B	12"	10	P	H
Gulberg	Gulberg Town	494.147005	CI	1985	C	10"	3	S	M
Gulberg	Gulberg Town	482.003698	CI	1980	C	10"	2	S	H
Gulberg	Gulberg Town	68.282147	AC	1990	C	4"	5	T	M
Gulberg	Gulberg Town	203.244721	AC	1990	D	10"	1	S	H
Gulberg	Gulberg Town	28.098488	CI	1999	B	12"	10	P	H
Gulberg	Gulberg Town	318.378013	CI	1989	C	12"	5	P	H
Gulberg	Gulberg Town	622.098125	AC	2005	B	10"	12	S	H
Gulberg	Gulberg Town	910.337934	CI	1960	B	6"	20	S	H
Gulberg	Gulberg Town	1594.302967	AC	1975	B	6"	10	S	H
Gulberg	Gulberg Town	1822.407757	AC	1965	B	10"	10	P	M
Gulberg	Gulberg Town	127.192893	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	806.07779	AC	2005	B	6"	10	P	L
Gulberg	Gulberg Town	553.114369	AC	2005	A	6"	30	S	M
Gulberg	Gulberg Town	67.253824	CI	1960	C	6"	20	S	H
Gulberg	Gulberg Town	365.34666	CI	1995	B	10"	20	P	H
Gulberg	Gulberg Town	726.893138	CI	2002	B	10"	10	P	H
Gulberg	Gulberg Town	80.947134	CI	2002	B	10"	10	P	H
Gulberg	Gulberg Town	601.014746	CI	1985	C	8"	5	S	H
Gulberg	Gulberg Town	563.423441	CI	1985	C	8"	5	S	H
Gulberg	Gulberg Town	1230.285792	CI	1960	C	6"	20	S	H
Gulberg	Gulberg Town	56.730125	CI	1960	C	6"	20	S	H
Gulberg	Gulberg Town	350.797301	AC	1965	C	8"	5	S	H
Gulberg	Gulberg Town	308.913738	CI	2000	C	4"	5	T	L
Gulberg	Gulberg Town	123.734593	CI	2000	C	4"	5	T	L
Gulberg	Gulberg Town	314.539778	CI	1960	B	10"	10	P	H
Gulberg	Gulberg Town	510.544507	AC	1960	C	6"	2	S	L
Gulberg	Gulberg Town	522.84967	AC	2000	B	8"	20	S	H
Gulberg	Gulberg Town	533.983633	AC	2000	A	8"	20	S	H
Gulberg	Gulberg Town	354.732943	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	54.223571	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	298.583999	AC	2000	B	8"	25	S	M

Gulberg	Gulberg Town	575.538187	CI	1975	C	6"	5	S	M
Gulberg	Gulberg Town	232.821651	AC	1975	C	6"	5	S	M
Gulberg	Gulberg Town	405.068141	CI	1960	C	6"	10	S	H
Gulberg	Gulberg Town	378.962282	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	683.783693	CI	1970	C	8"	5	S	H
Gulberg	Gulberg Town	638.433514	AC	1985	B	8"	5	P	H
Gulberg	Gulberg Town	80.215262	AC	1980	C	10"	5	S	M
Gulberg	Gulberg Town	66.230413	AC	1980	C	10"	5	S	M
Gulberg	Gulberg Town	143.280444	AC	1995	B	8"	20	S	L
Gulberg	Gulberg Town	202.510098	CI	1975	C	6"	8	S	L
Gulberg	Gulberg Town	480.905149	CI	1975	D	6"	1	S	H
Gulberg	Gulberg Town	682.531411	AC	2002	B	6"	8	S	M
Gulberg	Gulberg Town	97.310284	AC	2005	B	8"	8	T	H
Gulberg	Gulberg Town	160.807198	AC	1990	C	8"	2	S	H
Gulberg	Gulberg Town	15.283441	CI	2013	B	6"	15	T	M
Gulberg	Gulberg Town	59.971204	CI	1985	C	4"	1	T	M
Gulberg	Gulberg Town	1525.363377	AC	1960	D	10"	1	S	H
Gulberg	Gulberg Town	468.62644	AC	1965	C	6"	3	P	M
Gulberg	Gulberg Town	606.280489	AC	1965	B	6"	5	S	M
Gulberg	Gulberg Town	1530.157951	CI	1960	D	10"	1	S	H
Gulberg	Gulberg Town	1042.378853	CI	1960	D	6"	1	S	L
Gulberg	Gulberg Town	636.424448	CI	1960	C	9"	5	S	L
Gulberg	Gulberg Town	804.082566	AC	1965	C	6"	5	S	M
Gulberg	Gulberg Town	1996.014038	CI	1975	F	10"	1	S	H
Gulberg	Gulberg Town	2646.860475	CI	1960	C	10"	1	S	L
Gulberg	Gulberg Town	299.471472	CI	1965	C	6"	2	S	M
Gulberg	Gulberg Town	730.712477	AC	1960	C	4"	10	T	M
Gulberg	Gulberg Town	337.429972	AC	1960	C	4"	10	T	M
Gulberg	Gulberg Town	166.494007	AC	1960	C	4"	10	T	M
Gulberg	Gulberg Town	471.943787	CI	1960	C	4"	10	T	M
Gulberg	Gulberg Town	439.142273	CI	1965	C	4"	3	S	M
Gulberg	Gulberg Town	59.971204	CI	1985	C	4"	1	T	M
Gulberg	Gulberg Town	237.735738	CI	2005	B	4"	15	T	M
Gulberg	Gulberg Town	936.524279	AC	1965	B	8"	5	P	M
Gulberg	Gulberg Town	939.959899	AC	1965	C	4"	4	S	M
Gulberg	Gulberg Town	367.63278	AC	1965	C	4"	4	S	M
Gulberg	Gulberg Town	111.734064	AC	1965	C	4"	4	T	M
Gulberg	Gulberg Town	179.745789	AC	1965	C	4"	4	T	M
Gulberg	Gulberg Town	566.325097	AC	1965	B	6"	10	S	M
Gulberg	Gulberg Town	118.749622	AC	1965	C	4"	4	T	M
Gulberg	Gulberg Town	144.143261	AC	1965	C	4"	4	T	M
Gulberg	Gulberg Town	163.146759	CI	1960	C	6"	5	S	M
Gulberg	Gulberg Town	310.142263	CI	1965	C	6"	5	S	M
Gulberg	Gulberg Town	203.980069	CI	1960	C	4"	10	T	L
Gulberg	Gulberg Town	307.574627	AC	1965	B	4"	5	S	M
Gulberg	Gulberg Town	350.243703	AC	1965	C	6"	10	P	M
Gulberg	Gulberg Town	797.79869	AC	1965	B	8"	10	P	M
Gulberg	Gulberg Town	167.8657	CI	2001	B	10"	10	P	H
Gulberg	Gulberg Town	306.346034	AC	1965	B	4"	5	T	M
Gulberg	Gulberg Town	252.629343	AC	1965	B	4"	5	T	M
Gulberg	Gulberg Town	179.928598	AC	1965	B	4"	5	T	M
Gulberg	Gulberg Town	73.219311	AC	2003	B	4"	10	T	M
Gulberg	Gulberg Town	182.860331	AC	1965	B	4"	5	S	M
Gulberg	Gulberg Town	214.064711	AC	1965	B	4"	5	T	M
Gulberg	Gulberg Town	229.752411	AC	1965	B	4"	5	T	L
Gulberg	Gulberg Town	89.414064	AC	1965	B	4"	5	T	M

Gulberg	Gulberg Town	172.040419	AC	1960	C	6"	10	S	M
Gulberg	Gulberg Town	44.760434	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	521.892966	AC	1965	C	4"	5	S	M
Gulberg	Gulberg Town	983.994833	AC	1965	C	4"	5	T	M
Gulberg	Gulberg Town	1031.200489	AC	1960	D	6"	2	T	L
Gulberg	Gulberg Town	495.892742	CI	1960	C	4"	2	T	L
Gulberg	Gulberg Town	251.504561	CI	1960	D	6"	1	T	L
Gulberg	Gulberg Town	280.657967	CI	1960	C	6"	1	T	L
Gulberg	Gulberg Town	503.756619	CI	1960	C	4"	1	T	L
Gulberg	Gulberg Town	121.46426	CI	1960	C	4"	5	T	L
Gulberg	Gulberg Town	320.698473	CI	1965	C	8"	2	T	L
Gulberg	Gulberg Town	481.872503	CI	1965	C	4"	5	T	M
Gulberg	Gulberg Town	404.685991	CI	1965	C	4"	5	T	M
Gulberg	Gulberg Town	346.662951	CI	1965	C	4"	5	T	M
Gulberg	Gulberg Town	227.884269	CI	1965	C	4"	5	T	M
Gulberg	Gulberg Town	230.556059	CI	1970	C	4"	10	T	M
Gulberg	Gulberg Town	125.369195	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	373.698065	AC	1960	B	4"	10	T	L
Gulberg	Gulberg Town	136.580581	AC	1965	B	4"	10	T	L
Gulberg	Gulberg Town	135.530072	AC	1960	C	4"	10	T	L
Gulberg	Gulberg Town	490.227296	CI	1970	C	6"	15	S	M
Gulberg	Gulberg Town	44.478531	CI	1965	C	6"	10	T	M
Gulberg	Gulberg Town	222.239866	AC	1980	C	4"	10	T	M
Gulberg	Gulberg Town	30.933734	CI	1965	C	4"	5	T	L
Gulberg	Gulberg Town	239.741554	AC	1960	C	4"	5	T	M
Gulberg	Gulberg Town	136.296397	AC	1965	C	6"	2	T	L
Gulberg	Gulberg Town	337.809812	AC	1960	D	6"	1	T	H
Gulberg	Gulberg Town	188.740602	AC	1960	D	4"	1	T	M
Gulberg	Gulberg Town	170.204763	AC	1960	D	4"	1	T	M
Gulberg	Gulberg Town	170.061693	AC	1960	D	4"	1	T	M
Gulberg	Gulberg Town	158.853983	AC	1960	D	4"	1	T	M
Gulberg	Gulberg Town	125.888099	AC	1960	C	4"	5	T	L
Gulberg	Gulberg Town	211.144162	CI	1960	D	6"	5	S	L
Gulberg	Gulberg Town	297.93991	CI	1980	C	6"	1	S	H
Gulberg	Gulberg Town	105.245535	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	108.796445	CI	1975	C	6"	5	S	H
Gulberg	Gulberg Town	327.526288	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	99.943477	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	59.090547	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	60.07958	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	44.54768	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	80.52885	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	113.260501	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	73.051568	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	175.738982	CI	1970	C	4"	5	T	L
Gulberg	Gulberg Town	101.403974	CI	1970	C	4"	5	T	L
Gulberg	Gulberg Town	233.776026	CI	1970	D	4"	10	S	L
Gulberg	Gulberg Town	46.342673	AC	1975	C	4"	10	T	M
Gulberg	Gulberg Town	117.281845	CI	1970	C	4"	5	T	L
Gulberg	Gulberg Town	289.27435	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	42.981024	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	99.622471	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	58.607646	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	91.909554	CI	1970	C	6"	5	S	L
Gulberg	Gulberg Town	67.340484	CI	1970	C	4"	5	T	L
Gulberg	Gulberg Town	69.722131	CI	1970	C	4"	5	T	L

Gulberg	Gulberg Town	114.297812	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	79.438883	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	70.947579	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	148.313523	AC	1980	C	4"	10	T	L
Gulberg	Gulberg Town	111.745723	AC	1980	C	4"	4	T	L
Gulberg	Gulberg Town	113.915406	AC	1980	C	4"	4	T	L
Gulberg	Gulberg Town	221.158654	AC	1990	C	3"	10	T	L
Gulberg	Gulberg Town	63.1771	CI	1985	C	4"	10	T	L
Gulberg	Gulberg Town	65.782911	AC	1980	C	3"	4	T	L
Gulberg	Gulberg Town	180.41346	CI	1960	B	6"	5	T	L
Gulberg	Gulberg Town	304.525202	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	336.962742	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	323.677612	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	310.62453	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	301.536734	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	281.237932	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	270.639384	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	160.647415	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	179.392593	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	242.451598	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	155.808482	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	2060.384183	CI	1965	D	10"	1	S	M
Gulberg	Gulberg Town	108.487286	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	41.444097	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	41.187944	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	39.383476	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	67.506805	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	38.088708	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	302.688381	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	509.735941	AC	1980	C	6"	5	S	H
Gulberg	Gulberg Town	399.887269	AC	2005	B	6"	25	S	M
Gulberg	Gulberg Town	735.937088	AC	1985	C	6"	15	S	L
Gulberg	Gulberg Town	616.296473	CI	1975	C	6"	5	S	H
Gulberg	Gulberg Town	429.540162	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	239.179838	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	67.171988	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	64.854427	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	164.29632	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	61.613136	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	833.779036	CI	1960	C	6"	5	T	L
Gulberg	Gulberg Town	172.855002	CI	1960	C	4"	1	T	L
Gulberg	Gulberg Town	165.284947	CI	1960	B	4"	10	T	L
Gulberg	Gulberg Town	252.33758	AC	1960	C	3"	10	T	L
Gulberg	Gulberg Town	256.212036	CI	1975	C	6"	6	S	M
Gulberg	Gulberg Town	363.776359	CI	1975	C	6"	2	S	L
Gulberg	Gulberg Town	108.179243	AC	1985	C	6"	2	T	L
Gulberg	Gulberg Town	723.210072	CI	1960	C	6"	5	S	L
Gulberg	Gulberg Town	82.400933	CI	1960	C	6"	1	T	L
Gulberg	Gulberg Town	242.29521	CI	1975	C	6"	2	S	L
Gulberg	Gulberg Town	191.540175	CI	1975	C	6"	2	S	L
Gulberg	Gulberg Town	90.736845	CI	1975	C	6"	2	S	L
Gulberg	Gulberg Town	393.426257	CI	1970	C	8"	2	S	M
Gulberg	Gulberg Town	250.229805	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	952.394918	CI	1960	D	10"	1	S	H
Gulberg	Gulberg Town	160.236183	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	93.06138	CI	1985	C	6"	5	T	H

Gulberg	Gulberg Town	144.74486	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	254.890529	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	203.081796	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	116.461035	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	128.913984	CI	1985	C	6"	5	T	H
Gulberg	Gulberg Town	165.636402	CI	1975	D	6"	1	T	H
Gulberg	Gulberg Town	31.582795	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	213.934287	CI	1960	C	6"	5	S	L
Gulberg	Gulberg Town	191.752136	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	294.001297	HDP	2014	A	6"	30	S	L
Gulberg	Gulberg Town	351.294246	CI	1985	D	4"	2	S	M
Gulberg	Gulberg Town	516.980551	HDP	2015	A	6"	15	T	H
Gulberg	Gulberg Town	440.017014	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	205.724933	AC	1998	B	8"	8	T	H
Gulberg	Gulberg Town	878.643036	AC	1990	B	10"	10	P	M
Gulberg	Gulberg Town	107.928707	CI	1985	D	4"	2	T	M
Gulberg	Gulberg Town	54.714822	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	878.643036	AC	1990	B	10"	10	P	M
Gulberg	Gulberg Town	111.573427	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	166.631187	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	85.691199	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	77.462406	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	99.990673	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	38.804295	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	71.248634	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	105.036098	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	297.463917	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	119.350255	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	82.445633	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	95.026813	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	65.56857	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	102.004507	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	66.641438	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	98.067125	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	65.427088	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	52.211545	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	183.921009	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	85.481916	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	147.614397	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	78.912807	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	77.410913	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	243.016747	CI	1960	C	4"	2	T	L
Gulberg	Gulberg Town	410.073846	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	409.296135	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	402.438733	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	308.323362	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	243.542303	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	112.044828	GI	1995	C	6"	2	T	M
Gulberg	Gulberg Town	342.729069	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	344.768138	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	130.385713	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	136.769812	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	68.983332	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	55.605303	AC	1985	C	6"	5	T	M
Gulberg	Gulberg Town	243.110549	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	244.460729	CI	2014	A	6"	25	T	M

Gulberg	Gulberg Town	246.041522	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	246.282694	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	143.979713	AC	1980	C	4"	10	T	L
Gulberg	Gulberg Town	189.485975	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	190.385499	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	186.007425	AC	1960	C	4"	10	T	M
Gulberg	Gulberg Town	81.891411	GI	1965	D	4"	1	T	L
Gulberg	Gulberg Town	150.947652	CI	1995	C	4"	10	T	M
Gulberg	Gulberg Town	223.258406	CI	1995	B	6"	10	T	L
Gulberg	Gulberg Town	154.802897	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	244.35979	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	148.906332	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	86.895105	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	152.390534	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	158.474728	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	118.793745	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	156.976632	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	91.605818	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	91.253854	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	90.911239	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	173.666741	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	244.919277	AC	1965	C	4"	6	T	M
Gulberg	Gulberg Town	323.928338	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	113.872948	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	63.871244	CI	1965	C	4"	6	T	M
Gulberg	Gulberg Town	228.501683	CI	1965	C	4"	10	T	L
Gulberg	Gulberg Town	0	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	0	AC	1975	C	4"	10	T	M
Gulberg	Gulberg Town	0	AC	1970	C	4"	5	T	M
Gulberg	Gulberg Town	0	AC	1965	C	4"	5	T	L
Gulberg	Gulberg Town	0	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	0	AC	1965	C	4"	10	T	L
Gulberg	Gulberg Town	0	CI	1995	B	6"	25	S	M
Gulberg	Gulberg Town	0	AC	1960	C	4"	10	T	L
Gulberg	Gulberg Town	501.553181	CI	1960	B	4"	10	S	L
Gulberg	Gulberg Town	501.553181	CI	1960	B	4"	10	S	L
Gulberg	Gulberg Town	534.142416	AC	1960	B	4"	10	T	L
Gulberg	Gulberg Town	534.142416	AC	1960	B	4"	10	T	L
Gulberg	Gulberg Town	534.142416	AC	1960	B	4"	10	T	L
Gulberg	Gulberg Town	0	AC	1960	B	4"	10	T	L
Gulberg	Gulberg Town	0	AC	1985	B	8"	5	S	M
Gulberg	Gulberg Town	359.696703	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	359.696703	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	316.659933	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	316.659933	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	0	CI	1985	B	12"	10	S	H
Gulberg	Gulberg Town	0	CI	2003	B	8"	10	S	M
Gulberg	Gulberg Town	420.439738	AC	1965	C	4"	5	T	M
Gulberg	Gulberg Town	420.439738	AC	1965	C	4"	5	T	M
Gulberg	Gulberg Town	0	GI	1998	C	8"	5	S	M
Gulberg	Gulberg Town	29.678445	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	26.139084	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	36.756345	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	20.492727	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	18.49371	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	50.558145	AC	2005	B	4"	25	T	H

Gulberg	Gulberg Town	137.267617	CI	1985	D	4"	2	T	M
Gulberg	Gulberg Town	141.69465	CI	1985	D	4"	2	T	M
Gulberg	Gulberg Town	318.943068	AC	2000	B	6"	5	T	H
Gulberg	Gulberg Town	236.946381	AC	1990	C	4"	1	T	M
Gulberg	Gulberg Town	40.325514	AC	1990	C	4"	1	T	M
Gulberg	Gulberg Town	314.628773	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	214.705316	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	467.989614	CI	1985	C	3"	3	S	M
Gulberg	Gulberg Town	584.162485	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	92.151141	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	106.008952	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	434.300391	AC	1980	D	4"	1	S	H
Gulberg	Gulberg Town	158.528086	AC	1985	C	4"	1	S	M
Gulberg	Gulberg Town	162.399726	AC	1980	C	6"	1	S	H
Gulberg	Gulberg Town	166.442161	AC	2005	B	4"	10	T	M
Gulberg	Gulberg Town	116.048896	AC	2001	D	4"	1	T	M
Gulberg	Gulberg Town	206.47073	AC	1985	C	4"	1	S	M
Gulberg	Gulberg Town	411.518106	AC	1980	D	6"	1	P	H
Gulberg	Gulberg Town	485.216763	CI	2001	C	4"	2	T	M
Gulberg	Gulberg Town	507.075027	AC	1985	D	6"	1	T	H
Gulberg	Gulberg Town	130.41451	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	103.298397	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	93.511587	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	59.148108	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	82.565955	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	72.512739	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	97.096632	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	239.877916	AC	2005	B	4"	5	T	M
Gulberg	Gulberg Town	37.042356	AC	1985	D	4"	1	T	H
Gulberg	Gulberg Town	35.016606	AC	1985	D	4"	1	T	H
Gulberg	Gulberg Town	35.807116	AC	1985	D	4"	1	T	H
Gulberg	Gulberg Town	41.210389	AC	1985	D	4"	1	T	H
Gulberg	Gulberg Town	41.316801	AC	1985	D	4"	1	T	H
Gulberg	Gulberg Town	117.633133	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	140.772255	CI	1985	C	10"	3	T	H
Gulberg	Gulberg Town	916.26543	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	82.003973	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	166.141714	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	147.922501	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	104.283109	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	128.936888	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	169.724805	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	68.401586	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	64.372567	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	0	AC	1980	B	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1980	B	4"	15	T	M
Gulberg	Gulberg Town	0	AC	1980	C	6"	10	T	M
Gulberg	Gulberg Town	228.501683	CI	1965	C	6"	10	T	M
Gulberg	Gulberg Town	349.353729	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	119.520642	GI	2003	B	8"	5	S	H
Gulberg	Gulberg Town	354.848571	CI	2014	A	6"	25	T	M
Gulberg	Gulberg Town	353.611601	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	333.29926	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	323.183712	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	322.546948	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	296.625278	CI	1985	C	4"	5	T	M

Gulberg	Gulberg Town	285.497061	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	273.855146	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	265.638862	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	243.336162	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	224.153567	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	209.642785	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	208.626353	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	171.081399	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	132.986485	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	126.043679	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	109.859397	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	71.315365	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	122.954882	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	111.924001	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	121.951394	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	121.929806	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	122.023062	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	119.37955	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	114.328322	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	112.824011	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	113.851832	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	106.786251	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	98.788826	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	60.053535	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	72.093363	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	67.628616	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	60.273785	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	61.537004	CI	1985	C	4"	5	T	M
Gulberg	Gulberg Town	358.827617	CI	2003	B	6"	12	S	M
Gulberg	Gulberg Town	247.848811	AC	1960	C	6"	1	S	M
Gulberg	Gulberg Town	314.323503	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	129.128735	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	292.0223	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	140.811548	CI	1975	C	6"	2	S	M
Gulberg	Gulberg Town	47.496387	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	36.843065	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	105.811971	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	103.939797	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	188.296275	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	1153.421826	CI	1970	C	6"	5	S	M
Gulberg	Gulberg Town	289.889435	AC	2000	B	10"	30	P	H
Gulberg	Gulberg Town	206.198199	CI	1960	C	6"	10	S	M
Gulberg	Gulberg Town	211.630199	CI	1960	C	6"	10	S	M
Gulberg	Gulberg Town	579.124261	CI	1985	C	6"	2	S	H
Gulberg	Gulberg Town	142.785131	AC	1975	C	6"	2	S	L
Gulberg	Gulberg Town	278.622791	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	211.928962	AC	1955	D	6"	1	T	M
Gulberg	Gulberg Town	336.637115	AC	1955	F	6"	1	S	M
Gulberg	Gulberg Town	529.913896	AC	1955	C	6"	5	S	L
Gulberg	Gulberg Town	319.378558	AC	1960	C	6"	1	S	M
Gulberg	Gulberg Town	320.937619	CI	1975	C	6"	2	S	L
Gulberg	Gulberg Town	264.640673	AC	1975	C	6"	5	T	M
Gulberg	Gulberg Town	315.747997	CI	1985	C	6"	10	T	L
Gulberg	Gulberg Town	65.297236	CI	1985	C	6"	10	T	L
Gulberg	Gulberg Town	81.385821	CI	1985	C	6"	10	T	L
Gulberg	Gulberg Town	509.143687	CI	1985	C	6"	5	T	L

Gulberg	Gulberg Town	210.68771	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	236.301048	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	117.158525	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	85.193991	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	78.752147	CI	1975	D	6"	2	T	H
Gulberg	Gulberg Town	103.309162	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	55.534408	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	153.870459	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	194.20209	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	77.341982	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	75.084947	AC	1960	C	6"	2	T	H
Gulberg	Gulberg Town	534.043358	AC	1960	C	6"	10	T	M
Gulberg	Gulberg Town	121.705702	CI	1960	C	6"	10	S	M
Gulberg	Gulberg Town	173.970116	AC	1985	C	6"	2	T	H
Gulberg	Gulberg Town	239.441089	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1980	C	6"	2	T	H
Gulberg	Gulberg Town	0	AC	1980	C	6"	2	T	H
Gulberg	Gulberg Town	376.317385	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	90.007723	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	164.672347	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	82.764009	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	96.651529	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	102.118474	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	64.547902	AC	1965	C	6"	1	T	M
Gulberg	Gulberg Town	272.095154	CI	1975	C	10"	5	P	H
Gulberg	Gulberg Town	513.344174	CI	1975	D	6"	1	S	H
Gulberg	Gulberg Town	427.16089	CI	1975	C	10"	5	S	M
Gulberg	Gulberg Town	390.754541	CI	1985	C	6"	5	T	L
Gulberg	Gulberg Town	109.042269	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	131.598105	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	29.490419	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	43.318967	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	44.020889	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	99.205462	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	248.22604	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	165.545413	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	98.098668	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	206.202775	CI	1985	C	6"	1	T	M
Gulberg	Gulberg Town	54.119886	AC	1995	B	4"	5	T	H
Gulberg	Gulberg Town	106.612672	AC	1995	B	4"	5	T	H
Gulberg	Gulberg Town	76.586632	AC	1995	B	4"	5	T	H
Gulberg	Gulberg Town	160.649144	AC	1999	C	4"	3	T	M
Gulberg	Gulberg Town	156.684177	AC	1999	C	4"	3	T	M
Gulberg	Gulberg Town	88.840581	AC	1999	C	4"	3	T	M
Gulberg	Gulberg Town	63.528191	AC	1999	C	4"	3	T	M
Gulberg	Gulberg Town	84.94147	CI	2013	A	4"	3	T	M
Gulberg	Gulberg Town	310.38086	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	366.251024	AC	2002	C	8"	4	T	M
Gulberg	Gulberg Town	99.947401	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	106.07769	AC	1990	D	4"	1	T	H
Gulberg	Gulberg Town	145.974893	AC	1990	D	4"	1	T	H
Gulberg	Gulberg Town	260.724062	AC	1990	D	4"	1	T	H
Gulberg	Gulberg Town	127.924369	AC	1990	D	4"	1	T	H
Gulberg	Gulberg Town	196.866895	AC	1990	D	4"	1	T	H
Gulberg	Gulberg Town	338.848703	AC	2005	B	6"	10	S	M
Gulberg	Gulberg Town	379.937321	AC	2001	C	4"	2	T	M

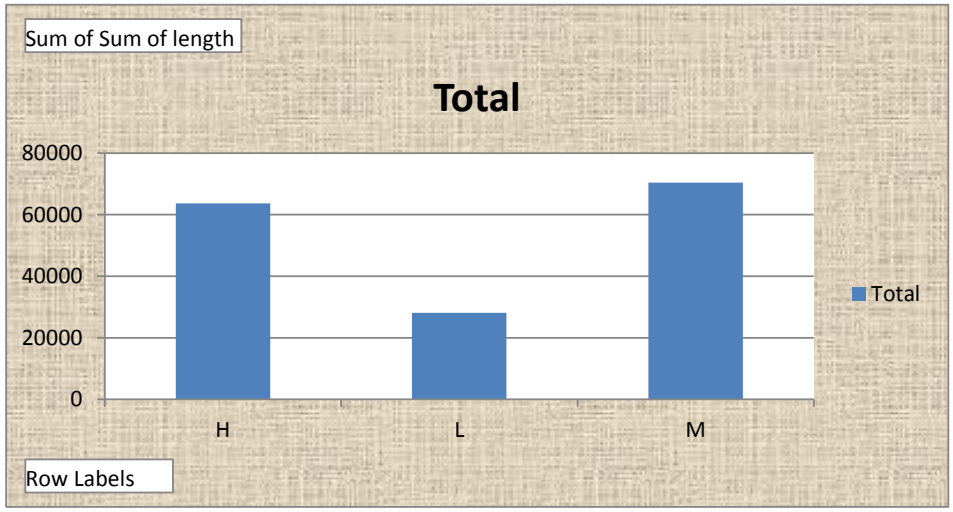
Gulberg	Gulberg Town	387.652882	AC	2001	C	6"	2	T	M
Gulberg	Gulberg Town	452.67421	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	91.085265	AC	2005	B	4"	25	T	H
Gulberg	Gulberg Town	0	AC	1990	C	8"	2	S	H
Gulberg	Gulberg Town	0	CI	2011	B	6"	30	S	M
Gulberg	Gulberg Town	0	AC	2011	B	6"	30	S	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	CI	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	CI	1985	B	6"	20	S	H
Gulberg	Gulberg Town	0	AC	1985	B	4"	10	T	L
Gulberg	Gulberg Town	0	AC	2010	B	6"	30	S	M
Gulberg	Gulberg Town	0	AC	1960	C	4"	10	T	L
Gulberg	Gulberg Town	0	CI	1975	B	10"	20	P	H
Gulberg	Gulberg Town	0	DI	2010	A	4"	30	T	M
Gulberg	Gulberg Town	0	AC	2005	B	4"	20	T	M
Gulberg	Gulberg Town	0	AC	2005	A	4"	20	T	M
Gulberg	Gulberg Town	0	AC	2005	B	4"	20	T	M
Gulberg	Gulberg Town	0	AC	1980	C	4"	1	T	M
Gulberg	Gulberg Town	239.877916	AC	2000	C	4"	2	T	M
Gulberg	Gulberg Town	0	AC	2005	B	8"	5	S	H
Gulberg	Gulberg Town	0	AC	2001	C	4"	2	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1995	C	6"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	C	4"	1	T	M
Gulberg	Gulberg Town	467.989614	CI	1985	C	10"	3	S	M
Gulberg	Gulberg Town	440.017014	CI	1985	D	4"	2	T	M
Gulberg	Gulberg Town	516.980551	CI	1985	D	4"	2	T	M
Gulberg	Gulberg Town	516.980551	AC	1990	C	6"	1	T	M
Gulberg	Gulberg Town	318.943068	AC	1990	C	4"	1	T	H
Gulberg	Gulberg Town	0	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	366.251024	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	0	HDP	2015	A	4"	50	T	M

Gulberg	Gulberg Town	0	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	310.38086	AC	1990	C	4"	1	T	H
Gulberg	Gulberg Town	314.628773	AC	1990	C	6"	1	T	H
Gulberg	Gulberg Town	0	HDP	2015	A	4"	50	T	M
Gulberg	Gulberg Town	202.629462	AC	1990	C	4"	1	T	M
Gulberg	Gulberg Town	0	AC	2000	B	8"	3	S	H
Gulberg	Gulberg Town	0	AC	1990	B	6"	2	S	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	4	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	1985	D	4"	1	T	M
Gulberg	Gulberg Town	0	AC	2002	C	4"	2	T	L
Gulberg	Gulberg Town	0	AC	2002	C	4"	2	T	L
Gulberg	Gulberg Town	0	AC	2002	B	4"	2	T	L
Gulberg	Gulberg Town	0	AC	2002	B	4"	2	T	L
Gulberg	Gulberg Town	0	AC	2002	B	4"	2	T	M
Gulberg	Gulberg Town	0	CI	1985	D	4"	1	S	L
Gulberg	Gulberg Town	0	AC	2002	B	4"	2	T	L
Gulberg	Gulberg Town	0	CI	2002	C	4"	2	T	M
Gulberg	Gulberg Town	0	CI	2002	C	4"	2	T	M
Gulberg	Gulberg Town	0	AC	2002	B	4"	10	T	M
Gulberg	Gulberg Town	0	AC	2002	B	12"	10	S	M
Gulberg	Gulberg Town	0	AC	1990	D	4"	1	T	M
Gulberg	Gulberg Town	0	CI	1960	B	16"	10	P	H
Gulberg	Gulberg Town	964.836475	AC	1985	B	12"	10	P	H
Gulberg	Gulberg Town	0	AC	2005	B	6"	25	T	M
Gulberg	Gulberg Town	158.34907	HDP	2015	A	6"	20	T	L
Gulberg	Gulberg Town	722.329068	CI	1980	C	6"	5	S	M
Gulberg	Gulberg Town	722.329068	CI	1980	C	6"	5	S	M
Gulberg	Gulberg Town	363.776359	CI	1975	C	6"	2	T	L
Gulberg	Gulberg Town	62.050503	AC	1990	C	6"	5	T	H
Gulberg	Gulberg Town	98.87883	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	294.001297	HDP	2014	A	6"	30	S	L
Gulberg	Gulberg Town	98.87883	AC	1980	C	6"	5	T	L
Gulberg	Gulberg Town	0	AC	1985	C	6"	10	S	H
Gulberg	Gulberg Town	0	AC	1980	C	4"	5	S	H

Row Labels	Sum of length
H	63709.02668
L	28135.97535
M	70447.9199
Grand Total	**162292.9219**

Row Labels	Sum of Sum of length
H	63709.02668
L	28135.97535
M	70447.9199
Grand Total	**162292.9219**

WATER SUPPLY CONDITION ACCORDING TO RISK



RISK FACTOR	PIPE LENGTH
H (High)	63709.02668
M (medium)	70447.9199
L (low)	28135.97535

Sr.No.	Street_Name	Sub_Division	Town	Diameter	Material	Age	Condition	Level	Replacement_ Diameter	Replacement_ Year	Risk	Length (m)
1	Hall Rd to Chuburgi	Mozang	Gulberg Town	24"x36"	Dot	1970	D	P	30"	2	H	1478.282018
2	AG Ofc to Lytton Rd Disposal	Mozang	Gulberg Town	36"	RCC	1990	C	P	36"	20	L	376.8831935
3	Multan Rd to Canal	Mozang	Gulberg Town	54"	RCC	1920	D	P	54"	25	H	2600.81962
4	Mall Rd to Shadman Chowk	Mozang	Gulberg Town	24"x36"	Dot	1970	D	P	36"	4	H	3176.413903
5	Shadman Rd	Mozang	Gulberg Town	30"	RCC	2000	C	P	30"	20	H	707.68903
6	Shah Jamal Rd	Mozang	Gulberg Town	24"	RCC	2000	C	P	24"	20	H	659.5895698
7	Fazlia Colony Rd	Mozang	Gulberg Town	18"	RCC	2000	D	P	18"	15	H	395.5858115
8	Fazlia Colony Rd	Mozang	Gulberg Town	18"	RCC	2000	D	P	18"	15	H	232.4983713
9	Fazlia Colony Abadi Main	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	101.8154751
10	Madni Street Shah Jamal	Mozang	Gulberg Town	24"	RCC	2000	C	P	24"	20	H	533.8110003
11	Poonch Rd	Mozang	Gulberg Town	21"	RCC	1970	D	P	24"	25	H	984.0088581
12	Poonch Rd to Chuburgi	Mozang	Gulberg Town	12"	RCC	2008	C	P	15"	20	L	726.3436608
13	109 Lytton Rd	Mozang	Gulberg Town	18"	RCC	2012	B	P	18"	25	L	371.269721
14	Queens Rd to LOS Chowk	Mozang	Gulberg Town	36"	RCC	2012	B	P	36"	50	H	634.2190619
15	Begum Rd	Mozang	Gulberg Town	18"	RCC	1998	C	P	18"	25	L	451.9850909
16	Ferozepur Rd	Mozang	Gulberg Town	9"	RCC	1985	D	P	12"	2	H	399.152375
17	Ferozepur Rd	Mozang	Gulberg Town	12"	RCC	1980	D	P	18"	2	H	526.6161116
18	Ferozepur Rd	Mozang	Gulberg Town	15"	RCC	1980	D	P	18"	2	H	345.4216786
19	Ferozepur Rd	Mozang	Gulberg Town	24"x36"	Dot	1965	F	P	36"	2	H	1018.94329
20	Birdwood Rd	Mozang	Gulberg Town	12"	RCC	1985	D	P	12"	9	H	877.0948376
21	Goulding Rd	Mozang	Gulberg Town	12"	RCC	1985	C	P	12"	10	H	347.3396902
22	Mason Rd	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	12	H	152.7618148
23	Goulding Rd	Mozang	Gulberg Town	12"	RCC	1985	C	P	12"	10	H	149.1864798
24	Mason Rd	Mozang	Gulberg Town	12"	RCC	1985	C	P	12"	10	H	143.5033888
25	Mason Rd	Mozang	Gulberg Town	9"	RCC	1998	C	T	12"	8	L	203.7170737
26	Jail Rd	Mozang	Gulberg Town	12"	RCC	1980	F	P	18"	4	H	820.0120571
27	Waris Rd	Mozang	Gulberg Town	12"	RCC	1985	D	P	18"	5	H	729.9629594
28	Temple Rd	Mozang	Gulberg Town	9"	RCC	1970	D	P	12"	4	H	393.7228768
29	Temple Rd	Mozang	Gulberg Town	12"	RCC	1982	C	P	12"	15	H	231.555145
30	Ganga Ram Rd	Mozang	Gulberg Town	9"	RCC	1980	D	P	12"	5	H	486.9446106
31	Queens Rd Plaza Cinema	Mozang	Gulberg Town	9"	RCC	1994	C	P	12"	8	H	506.8562523
32	Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1988	C	P	12"	10	L	343.3839402
33	Fateh Sher Rd	Mozang	Gulberg Town	18"	RCC	1990	C	P	18"	15	H	865.1129017
34	Saadi Park Main Rd	Mozang	Gulberg Town	9"	RCC	1992	C	P	12"	5	L	306.2544889
35	Saadi Park Main Rd	Mozang	Gulberg Town	24"x36"	Dot	1975	D	P	36"	5	H	169.8147484
36	Katcha FP Rd	Mozang	Gulberg Town	12"	RCC	1980	D	P	18"	5	H	640.4543748
37	Lake Rd	Mozang	Gulberg Town	12"	RCC	1988	C	P	12"	10	L	726.6362076
38	Bahawalpur Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	25	L	118.5427698
39	Bahawalpur Rd	Mozang	Gulberg Town	12"	RCC	1990	C	S	12"	25	L	117.8286696
40	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	P	12"	15	H	343.9798801
41	Main Rd Park Lane	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	379.67047
42	Adjoining Street of Park Lane	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	194.8908449
43	Adjoining Street of Park Lane	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	200.7248548
44	Adjoining Street of Park Lane	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	161.5872765
45	Adjoining Street of Park Lane	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	264.6682495
46	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	113.871579
47	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	102.046571
48	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	38.08065366
49	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	51.04087893
50	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	38.96487268
51	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	61.16312321
52	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	52.90561637
53	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	48.37505916
54	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	32.77811063
55	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	32.51690597

56	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	28.07911017
57	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	205.0136728
58	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	173.6383213
59	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	74.20559255
60	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	50.66079108
61	Adjoining Street of Panj Mehal Rd	Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	10	H	79.05931364
62	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	12"	RCC	1988	C	P	12"	15	H	674.0801134
63	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	163.9601968
64	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1991	C	S	12"	10	L	232.8260873
65	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	12"	RCC	1995	C	P	12"	12	H	364.5015216
66	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	P	12"	15	L	363.7475916
67	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	69.93692924
68	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	31.67233192
69	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	21.62642349
70	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	249.8973582
71	Adjoinign Street of Shah Shamas Qari	Mozang	Gulberg Town	9"	RCC	1995	C	T	12"	10	L	43.38919597
72	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	205.7321689
73	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	273.9345743
74	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	39.49587647
75	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	52.68557389
76	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	96.10099893
77	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	19.3536452
78	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	148.806343
79	Adjoinign Street of Patiala Abadi	Mozang	Gulberg Town	9"	RCC	1992	D	S	12"	8	H	144.0879328
80	Main Shadman Market	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	153.8899859
81	Main Shadman Market	Mozang	Gulberg Town	9"	RCC	1982	D	P	12"	5	H	168.0169281
82	Main Shadman Market	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	288.688084
83	Shama Disposal to Shadman	Mozang	Gulberg Town	12"	RCC	1982	D	P	15"	5	H	1224.307248
84	Adjoining Street of Lake Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	20	L	79.68366996
85	Adjoining Street of Lake Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	20	L	171.2400115
86	Adjoining Street of Bahwalpur rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	25	L	78.20454552
87	Adjoining Street of Bahwalpur rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	25	L	58.5311777
88	Ittehad Park	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	20	L	182.1878169
89	Ittehad Park	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	20	L	123.7028985
90	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	133.6098437
91	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	169.153718
92	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	68.8031509
93	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	65.28491462
94	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	59.14400512
95	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	28.6331729
96	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	30.26100464
97	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	269.3729731
98	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	134.8751832
99	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	114.8459008

100	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	12"	RCC	1990	C	S	12"	29	L	257.9111491
101	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	41.44422917
102	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	42.59605348
103	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	189.5525803
104	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	47.30354686
105	Adjoining Street of Chah Pichwara	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	29	L	37.71454307
106	Adjoining Street of Begum Rd	Mozang	Gulberg Town	9"	RCC	1988	C	T	12"	25	L	175.7244158
107	Adjoining Street of Begum Rd	Mozang	Gulberg Town	9"	RCC	1988	C	T	12"	25	L	229.4413063
108	Adjoining Street of Begum Rd	Mozang	Gulberg Town	9"	RCC	1988	C	T	12"	25	L	70.80859809
109	Adjoining Street of Begum Rd	Mozang	Gulberg Town	9"	RCC	1988	C	T	12"	25	L	71.05410548
110	Adjoining Street of Begum Rd	Mozang	Gulberg Town	9"	RCC	1988	C	T	12"	25	L	208.3607588
111	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1955	D	T	12"	10	L	62.49619414
112	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1955	D	T	12"	10	L	63.40695253
113	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1955	D	T	12"	10	L	40.29073908
114	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1955	D	T	12"	10	L	62.32563581
115	Adjoining Street of Saadi Park	Mozang	Gulberg Town	24"x36"	Dot	1970	D	P	30"	5	H	242.869586
116	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	113.6253368
117	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	S	12"	15	L	246.465267
118	Adjoining Street of Saadi Park	Mozang	Gulberg Town	12"	RCC	2000	C	S	12"	10	H	218.7578564
119	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	44.44515183
120	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	42.389092
121	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	41.56517978
122	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	41.49308387
123	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	42.27714641
124	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	87.82021694
125	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	45.80607227
126	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2004	C	T	12"	12	L	40.25557997
127	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	29.49423316
128	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2004	C	T	12"	12	L	40.93998289
129	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	2004	C	T	12"	12	L	38.29194992
130	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	40.70410464
131	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	33.03866548
132	Adjoining Street of Saadi Park	Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	28.22151838
133	Takia Sardar Shah Rd	Mozang	Gulberg Town	12"	RCC	1995	C	P	12"	10	L	180.8883382
134	Chragh Din Rd	Mozang	Gulberg Town	12"	RCC	1995	C	P	12"	10	L	133.2361831
135	Adjoining Street of Chragh Din Rd	Mozang	Gulberg Town	18"	RCC	1998	C	P	18"	18	H	111.6413027
136	Adjoining Street of Chragh Din Rd	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	56.56659149
137	Adjoining Street of Chragh Din Rd	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	62.50510863
138	Adjoining Street of Chragh Din Rd	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	48.45141384
139	Adjoining Street of Chragh Din Rd	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	32.61887784
140	Borhwala Chowk Main Bazar	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	129.8069518
141	Adjoining Street of Borhwala Chowk Main Bazar	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	55.51402321
142	Katcha Temple Rd	Mozang	Gulberg Town	9"	RCC	1995	C	S	12"	10	L	239.9194757

143	Temple Rd	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	15	L	283.5533118
144	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1987	C	P	12"	15	H	160.9042319
145	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	12"	RCC	1982	D	P	18"	2	H	331.3629879
146	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1992	C	S	12"	15	L	62.57819473
147	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1992	C	S	12"	15	L	52.55751199
148	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1992	C	S	12"	15	L	65.75343796
149	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1992	C	S	12"	15	L	48.97405892
150	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	148.6211228
151	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	18	L	237.6127284
152	Adjoining Street of Shahdab Colony	Mozang	Gulberg Town	9"	RCC	1992	C	S	12"	18	L	138.3560041
153	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	9"	RCC	1992	C	P	12"	15	L	446.746304
154	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	12"	RCC	1984	C	P	12"	20	L	348.2567901
155	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	L	146.0611486
156	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	L	150.4635256
157	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	L	204.0252722
158	Adjoining Street of Arya Nagar	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	L	38.54826814
159	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	121.0521249
160	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	107.3055797
161	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	82.3616944
162	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	51.78101749
163	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	102.2666996
164	Adjoining Street of Salman Street Fasih Rd	Mozang	Gulberg Town	9"	RCC	1984	C	T	12"	30	L	147.8386804
165	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	115.9257675
166	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	154.6257208
167	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	12"	RCC	1995	C	T	12"	5	L	176.974473
168	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	69.52757279
169	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	12"	RCC	1994	C	S	12"	10	L	143.4776606
170	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	121.9067665
171	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	194.6708987
172	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	346.605421
173	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	10	L	146.2174661
174	Adjoining Street of Islamia Park	Mozang	Gulberg Town	12"	RCC	1988	C	T	12"	25	L	203.4227617
175	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	249.3191964
176	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	273.7918073
177	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	291.739547
178	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	285.9451004
179	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	254.0244452
180	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	234.2898272
181	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	259.7038642
182	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	66.36331979
183	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	50.6643934
184	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	72.24104979
185	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	32.11292484

186	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	32.58142853
187	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	42.10277165
188	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	40.59504873
189	Adjoining Street of Islamia Park	Mozang	Gulberg Town	12"	RCC	1988	C	T	12"	25	L	99.72746364
190	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	128.0654979
191	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	105.3099317
192	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	110.7202384
193	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	152.5522339
194	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	61.6868643
195	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	69.75016286
196	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	70.36807607
197	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	56.12721385
198	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	8	L	222.8716747
199	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	8	L	178.4990874
200	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1995	C	S	12"	15	H	490.0959314
201	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	68.81399369
202	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	94.45404174
203	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	72.20056241
204	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	70.55735148
205	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	75.7355507
206	Adjoining Street of Hamoon Shah Park & Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	1993	C	T	12"	10	L	55.70793185
207	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1980	D	P	18"	5	H	244.4708008
208	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	140.5019692
209	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	65.15566015
210	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	63.32866854
211	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	61.0314298
212	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	44.79661399
213	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	42.74132437
214	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	36.59122576
215	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	39.89295499
216	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	88.74212557
217	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	96.55042426
218	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	75.56757351
219	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	97.78262776
220	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	92.77209055
221	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	123.4485194
222	Adjoining Street of Katcha FP Rd	Mozang	Gulberg Town	9"	RCC	1988	C	S	12"	10	L	102.0374779
223	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	1987	C	P	12"	14	L	321.3443559

224	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	12	L	96.40253657
225	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	12	L	64.54687144
226	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	12"	RCC	1982	D	P	15"	5	H	451.510413
227	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	316.2061646
228	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	321.2446244
229	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	313.5159763
230	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	323.8372816
231	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	247.8584941
232	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	410.1443398
233	Adjoining Street of Shadman Market	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	270.2530097
234	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	162.4831052
235	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	160.9096376
236	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	275.1975091
237	Adjoining Street of Shadman Market	Mozang	Gulberg Town	9"	RCC	1982	D	P	12"	5	H	286.053542
238	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	139.3262289
239	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	82.07005979
240	Adjoining Street of Shadman Market	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	65.07903224
241	Adjoining Street of Link Jail Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	394.9915926
242	Adjoining Street of Link Jail Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	110.9011348
243	Adjoining Street of Link Jail Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	256.6847646
244	Adjoining Street of Link Jail Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	5	H	186.6300204
245	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	233.0681511
246	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	88.12592473
247	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	188.1296968
248	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	101.0190121
249	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	12"	RCC	1985	D	P	12"	2	H	893.8565143
250	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	3	H	495.7120074
251	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	3	H	493.5451107
252	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1972	F	T	12"	2	H	165.1840722
253	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1972	F	T	12"	2	H	61.01510136
254	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	336.237122
255	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	253.6520134
256	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	1	H	221.9241984
257	Adjoining Street of Shadman Colony-2	Mozang	Gulberg Town	9"	RCC	1980	D	S	12"	5	H	372.0920972
258	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	659.6626107
259	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	283.2825762
260	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	217.2521712
261	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	105.449065
262	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	271.7483836
263	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	210.2512943
264	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	214.9804196
265	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	176.7827797

266	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	163.5447932
267	Adjoining Street of Shadman Colony-1	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	167.2661621
268	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	173.9964284
269	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	T	12"	2	H	123.8236538
270	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	S	12"	2	H	123.722005
271	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	T	12"	2	H	104.6087109
272	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	T	12"	2	H	57.03281983
273	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	7	L	46.79306048
274	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	7	L	49.95189188
275	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	7	L	44.39394261
276	Adjoining Street of 4 Jail Rd	Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	7	L	62.44294203
277	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	130.8727994
278	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	7	L	162.0283581
279	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	53.48092645
280	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	7	L	232.440697
281	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1990	C	P	18"	10	L	235.7793364
282	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	33.40389557
283	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	28.07331161
284	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	28.74825368
285	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	39.98808909
286	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	81.522614
287	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	53.7635
288	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	46.49592996
289	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	62.76165086
290	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	108.5523307
291	Adjoining Street of Waris Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	10	L	55.86674928
292	Adjoining Street of Aftab Ahmed Khan Rd	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	9	L	109.3286
293	Adjoining Street of Aftab Ahmed Khan Rd	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	9	L	73.03167475
294	Adjoining Street of Aftab Ahmed Khan Rd	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	9	L	189.9068424
295	Adjoining Street of Aftab Ahmed Khan Rd	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	9	L	91.61935456
296	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	12	L	113.5279316
297	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	12"	RCC	1995	D	P	12"	8	L	736.0742571
298	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	55.89478232
299	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	52.01737581
300	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	49.26628428
301	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	36.33283685
302	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	96.11075254
303	Adjoining Street of Katcha Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	10	L	147.4553578
304	Lawrence Rd	Mozang	Gulberg Town	12"	RCC	1985	C	P	18"	5	H	465.3482621
305	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	147.9046924
306	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	136.1423428

307	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	82.6388405
308	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	164.0782386
309	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	135.0352497
310	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	109.5770015
311	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	88.47639481
312	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	70.0727357
313	Adjoining Street of Old Arya Nagar	Mozang	Gulberg Town	9"	RCC	1980	C	S	12"	25	L	82.68812098
314	GOR-1	Mozang	Gulberg Town	12"	RCC	1992	D	S	12"	6	H	158.3881435
315	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	15	L	212.4745369
316	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	15	L	415.8413534
317	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	15	L	145.7869787
318	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	15	L	98.74936343
319	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	15	L	89.82706574
320	Adjoining Street of Lawrence Rd	Mozang	Gulberg Town	9"	RCC	1999	C	S	12"	15	L	85.89678265
321	Adjoining Street of Al Riaz Colony	Mozang	Gulberg Town	9"	RCC	1998	D	S	12"	8	L	500.1601661
322	Adjoining Street of Al Riaz Colony	Mozang	Gulberg Town	9"	RCC	1998	D	S	12"	8	L	42.30582686
323	Adjoining Street of Al Riaz Colony	Mozang	Gulberg Town	9"	RCC	1998	D	S	12"	8	L	41.01731821
324	Adjoining Street of Mason Rd	Mozang	Gulberg Town	9"	RCC	1998	C	T	12"	8	L	71.53927715
325	Adjoining Street of Mason Rd	Mozang	Gulberg Town	9"	RCC	1998	C	T	12"	8	L	67.83355186
326	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	12"	RCC	1971	F	P	12"	2	H	923.9524283
327	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	T	12"	2	H	57.13489462
328	Adjoining Street of Shadman Colony-1 Near Mental Hospital	Mozang	Gulberg Town	6"	RCC	1971	F	T	12"	2	H	55.53445191
329	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	237.5462752
330	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	505.9819198
331	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	236.2722266
332	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	12"	RCC	1990	D	P	12"	5	H	1125.560427
333	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	274.9360454
334	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	205.4132004
335	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	6"	RCC	1970	F	S	12"	2	H	241.0832379
336	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	148.843617
337	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	211.3167852
338	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	210.7374742
339	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	3	H	197.5833174
340	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	3	H	185.9286017
341	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	205.7029239
342	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	H	130.3948078
343	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	18"x24"	Dot	1965	F	P	24"	2	H	358.4296273
344	Adjoining Street of Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	3	H	213.0993272
345	Adjoining Street of Ahata Gyan Chand	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	12	H	177.7771098
346	Adjoining Street of Ahata Gyan Chand	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	12	H	124.8073164
347	Ganga Ram Rd	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	12	H	270.1872416
348	Lucky Center Mozang Chungi	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	56.39796797

349	Lucky Center Mozang Chungi	Mozang	Gulberg Town	9"	RCC	2002	C	T	12"	15	L	101.3372106
350	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	4	L	104.6653654
351	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	4	L	125.3368931
352	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	4	L	160.1869309
353	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	4	L	167.4969425
354	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	S	12"	4	L	144.8426506
355	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	6"	RCC	1973	F	S	12"	2	H	303.0319158
356	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	35.66605406
357	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	66.28113173
358	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	32.31427371
359	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	34.31472938
360	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	28.19029194
361	Adjoining Street of Sher Shah Colony	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	L	37.06866584
362	Adjoining Street of Zaildar Park	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	183.3103236
363	Adjoining Street of Zaildar Park	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	212.6441182
364	Adjoining Street of Zaildar Park	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	85.19006207
365	Adjoining Street of Zaildar Park	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	80.47623631
366	Adjoining Street of Zaildar Park	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	146.9490931
367	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1989	D	S	12"	5	H	63.61510841
368	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	12"	RCC	1988	D	P	12"	4	H	256.3421985
369	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	18"	RCC	1988	D	P	18"	5	H	190.6791503
370	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1989	D	S	12"	5	H	123.7469684
371	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1989	D	S	12"	5	H	69.08202308
372	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1989	D	S	12"	5	H	70.65352262
373	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1989	D	S	12"	5	H	61.27282549
374	Fazlia Colony Near Jamia Ashrafia	Mozang	Gulberg Town	9"	RCC	1990	D	P	12"	4	H	426.9380169
375	Fazlia Colony Near Jamia Ashrafia	Mozang	Gulberg Town	12"	RCC	1990	D	P	12"	5	H	215.1388375
376	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	112.8231473
377	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	46.61553371
378	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	63.20038491
379	3 Shah Jamal Rd	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	709.4498658
380	3 Shah Jamal Rd	Mozang	Gulberg Town	12"	RCC	1985	D	P	12"	5	H	517.9009595
381	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	260.0137015
382	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	55.57930725
383	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	59.95173088
384	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	35.81405103
385	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	30.05020941
386	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	188.0185044
387	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	261.7641593
388	Adjoining Street of Shah Jamal Tomb Area	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	64.05729473
389	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	163.7218253
390	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	65.5363009
391	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	47.16567259

392	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	33.15466599
393	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	17.24005109
394	Bahar wali Gali	Mozang	Gulberg Town	12"	RCC	1990	D	P	12"	5	H	223.5070559
395	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1988	D	P	12"	5	H	55.52682308
396	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	107.4847219
397	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	51.43011948
398	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	120.3592892
399	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	113.9650127
400	Adjoining Street of Fazlia Colony Abadi	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	105.9645164
401	Punjab College to Zahoor Ilahi Underpass	Mozang	Gulberg Town	9"	RCC	1990	D	P	12"	4	H	938.3529377
402	Near Punjab College	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	4	H	72.36551939
403	Near Punjab College	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	4	H	44.46355785
404	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	12"	RCC	1989	D	S	12"	5	H	134.9144937
405	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	69.05216326
406	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	124.6377369
407	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	93.54475396
408	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	115.0346027
409	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	37.0223481
410	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	44.0483707
411	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	46.46380568
412	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	92.60897825
413	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	35.71322177
414	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	15.85260896
415	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	31.13904422
416	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	12"	RCC	1983	D	S	12"	5	H	217.2837784
417	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	48.89525379
418	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	32.46896411
419	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	37.53086533
420	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	62.00982142
421	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1987	D	S	12"	5	H	97.71175081
422	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	4	H	49.37644646
423	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	H	42.06489497
424	Adjoining Street of Shah Jamal	Mozang	Gulberg Town	9"	RCC	1985	C	S	12"	20	H	70.54245701
425	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	12"	RCC	1986	D	P	12"	4	H	531.142823
426	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	12"	RCC	1980	D	P	12"	3	H	278.4652364
427	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	75.11263939
428	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	154.1246014
429	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	100.1088892
430	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	64.69057364
431	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	13.10633216

432	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	52.92588841
433	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	88.49746357
434	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1988	D	S	12"	3	H	117.3574802
435	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	42.90896427
436	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	28.64851795
437	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	28.21053771
438	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	24.4611202
439	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	21.43283874
440	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	25.50061563
441	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	31.59700595
442	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	31.36450171
443	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	23.03695012
444	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	23.17812076
445	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	19.68329248
446	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1986	D	S	12"	4	H	11.70711937
447	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	35.8357207
448	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	47.56964909
449	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	29.816343
450	Adjoining Street ofAhata Moolchand Abadi	Mozang	Gulberg Town	9"	RCC	1982	D	S	12"	2	H	27.38886837
451	Danepur Rd	Mozang	Gulberg Town	18"	RCC	1991	C	P	18"	12	H	415.0958327
452	GOR-1	Mozang	Gulberg Town	9"	RCC	1993	C	S	12"	15	H	246.0486384
453	GOR-1	Mozang	Gulberg Town	9"	RCC	1993	C	S	12"	15	H	306.6294617
454	GOR-1	Mozang	Gulberg Town	12"	RCC	1992	C	S	12"	8	H	473.437251
455	GOR-1	Mozang	Gulberg Town	24"	RCC	1992	C	P	24"	15	H	400.6501533
456	GOR-1	Mozang	Gulberg Town	12"	RCC	1992	D	S	12"	6	H	306.4129472
457	GOR-1	Mozang	Gulberg Town	12"	RCC	1992	D	S	12"	6	H	154.9001163
458	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	368.6855164
459	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	305.5057725
460	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	387.1508266
461	GOR-1	Mozang	Gulberg Town	12"	RCC	2001	C	P	12"	12	H	778.0887864
462	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	244.3054936
463	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	226.0700645
464	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	154.1676465
465	Danepur Rd	Mozang	Gulberg Town	12"	RCC	1991	C	P	12"	15	H	487.3575701
466	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	102.350815
467	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	186.1263924
468	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	321.0273668
469	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	429.7175378
470	Adjoining Street of Muslim Ganj	Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	28.11186774
471	Danepur Rd	Mozang	Gulberg Town	15"	RCC	1991	C	P	15"	15	H	323.9322629
472	GOR-1	Mozang	Gulberg Town	12"	RCC	1991	C	P	12"	15	H	377.2749418
473	GOR-1	Mozang	Gulberg Town	9"	RCC	1993	C	S	12"	15	H	113.8503055

474	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	135.5109687
475	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	119.5307948
476	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	132.6748288
477	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	147.89446
478	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	92.08134609
479	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	119.5908132
480	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	106.7381908
481	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	123.8160468
482	GOR-1	Mozang	Gulberg Town	9"	RCC	1993	C	S	12"	15	H	283.3156094
483	GOR-1	Mozang	Gulberg Town	15"	RCC	1992	C	S	15"	8	H	115.2041467
484	GOR-1	Mozang	Gulberg Town	12"	RCC	1992	D	S	12"	6	H	549.3703866
485	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	97.36645556
486	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	125.6033055
487	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	232.8288131
488	GOR-1	Mozang	Gulberg Town	9"	RCC	1990	D	S	12"	5	H	143.884582
489	GOR-1	Mozang	Gulberg Town	18"	RCC	1992	C	P	18"	15	H	303.9461551
493	Multan Rd to Canal	Mozang	Gulberg Town	54"	RCC	2014	D	P	54"	25	H	2079.634405
494		Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	25	L	182.1708669
495		Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	15	L	209.4060443
496		Mozang	Gulberg Town	9"	RCC	1990	D	T	9"	10	H	45.89933984
497	Adjoining Street of New Islamia Park	Mozang	Gulberg Town	18"	RCC	1995	C	S	18"	5	L	60.70835253
498		Mozang	Gulberg Town	12"	RCC	1995	C	T	12"	5	L	72.29110676
499		Mozang	Gulberg Town	12"	RCC	1992	C	S	12"	4	H	356.3621762
500		Mozang	Gulberg Town	9"	RCC	1998	C	S	12"	15	L	36.26934399
501		Mozang	Gulberg Town	9"	RCC	1993	C	T	12"	10	L	71.38840955
502		Mozang	Gulberg Town	9"	RCC	1990	D	T	12"	5	H	139.9688086
503		Mozang	Gulberg Town	9"	RCC	1990	D	T	12"	5	H	98.81454403
504		Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	40.65887657
505		Mozang	Gulberg Town	9"	RCC	1994	C	T	12"	10	L	26.44323124
506		Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	15	L	51.60527934
507		Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	15	L	33.30240721
508		Mozang	Gulberg Town	9"	RCC	1989	C	T	12"	15	L	45.7187977
509		Mozang	Gulberg Town	9"	RCC	1990	C	S	12"	10	L	27.98724185
510	Queens Rd to LOS Chowk	Mozang	Gulberg Town	36"	RCC	1990	D	P	36"	10	H	582.4938061
511		Mozang	Gulberg Town	9"	RCC	1982	D	P	18"	2	H	60.50933809
512		Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	15	L	243.9496141
513		Mozang	Gulberg Town	12"	RCC	2010	B	P	12"	30	L	62.38072761
514		Mozang	Gulberg Town	15"	RCC	2013	C	P	15"	20	H	233.5532642
2943	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	75.00447214
2944	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	131.7274704
2945	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	30.58341919
2946	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	41.12389725
2947	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	31.42616851
2948	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	44.20472863
2949	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	37.70650117
2950	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	43.814446
2951	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	113.6788288
2952	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	83.58496319
2953	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1990	C	T	12"	25	L	48.09866528
2954	Adjoining Street of Bagh Gul Begum	Mozang	Gulberg Town	12"	RCC	2000	C	S	12"	15	L	248.0953128
2955	Adjoining Street of Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	15	L	244.1029672
2956	Adjoining Street of Bagh Gul Begum	Mozang	Gulberg Town	9"	RCC	2004	C	S	12"	10	L	156.2508553
2957	Tahir Bandagi Rd	Mozang	Gulberg Town	9"	RCC	2000	C	S	12"	13	L	371.9193672
2958	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	133.143746
2959	Adjoining Street of Islamia Park	Mozang	Gulberg Town	9"	RCC	1985	C	T	12"	15	L	180.1034201
12841		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	102.264088
12842		Shimla Hill	Gulberg Town	12"	RCC	2000	B	T	15"	15	L	173.4067117
12843		Shimla Hill	Gulberg Town	12"	RCC	2000	B	T	15"	15	L	119.8523169
12844		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	28.66808196

12845		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	34.79428728
12846		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	49.95334323
12847		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	55.17375953
12848		Shimla Hill	Gulberg Town	12"	RCC	2000	B	T	15"	15	L	129.6286595
12849		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	69.96533399
12850		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	66.66688696
12851		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	204.2003443
12852		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	43.02161801
12853		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	52.36404802
12854		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	127.0103151
12855		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	40.99153573
12856		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	27.76318723
12857		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	14.15453561
12858	Lahore Hotel to Napier Rd	Shimla Hill	Gulberg Town	12"	RCC	1995	B	P	12"	15	M	211.1706326
12859	Lahore Hotel to Napier Rd	Shimla Hill	Gulberg Town	24"x36"	Dot	1980	B	P	36"	20	M	711.7571783
12860		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	69.32956988
12861		Shimla Hill	Gulberg Town	24"x36"	Dot	1930	B	P	24"	20	H	1468.863737
12862		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	159.2061737
12863		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	96.25290671
12864		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	53.20813893
12865		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	86.27760658
12866		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	22.46206491
12867		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	53.62346838
12868		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	14.94812185
12869		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	57.78967499
12870		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	29.73674912
12871		Shimla Hill	Gulberg Town	12"	RCC	2000	B	P	15"	8	H	160.7679606
12872		Shimla Hill	Gulberg Town	12"	RCC	2000	B	P	15"	8	H	152.9497396
12873		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	71.13250725
12874		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	47.64896727
12875		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	110.0004819
12876		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	79.1969221
12877		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	57.13817275
12878		Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	12"	10	L	80.92687048
12879		Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	12"	10	L	59.33807355
12880		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	100.5132467
12881		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	46.38495745
12882		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	93.56903264
12883		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	52.17001564
12884		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	247.0866381
12885		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	9"	5	M	73.33753994
12886		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	364.9224809
12887		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	77.42665243
12888		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	30.82191532
12889		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	28.36829139
12890		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	20.42472989
12891		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	22.48562363
12892		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	21.87908295
12893		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	69.97170934
12894		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	49.85163679
12895		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	27.2867126
12896		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	41.68222559
12897		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	48.06075037
12988	Null	Shimla Hill	Gulberg Town	48"	RCC	2009	A	P	72"	50	H	1538.086523
12989	Null	Shimla Hill	Gulberg Town	36"	RCC	1980	B	T	36"	10	M	151.8558611
12990	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	189.5694504
12991	Null	Shimla Hill	Gulberg Town	24"	RCC	1980	B	T	24"	8	M	334.4012888
12992	Null	Shimla Hill	Gulberg Town	24"x36"	Dot	1935	B	P	36"	20	H	614.3746432
12993	Null	Shimla Hill	Gulberg Town	18"x36"	Dot	1936	B	S	24"	25	M	256.8218549
12994	Null	Shimla Hill	Gulberg Town	24"x36"	Dot	1935	B	P	36"	20	H	1106.301843
12995	Null	Shimla Hill	Gulberg Town	24"x36"	Dot	1935	B	P	36"	20	H	1085.00366
12996	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	212.8504013
12997	Null	Shimla Hill	Gulberg Town	18"	RCC	2000	B	P	24"	10	H	204.2756275
12998	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	209.7826383
12999	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	36.46227488
13000	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	194.5494173
13001	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	155.2340609
13002	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	159.2187604
13003	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	40.55583616
13004	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	15	M	34.30358325

13005	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	57.27276446
13006	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	329.7513113
13007	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	60.07010879
13008	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	98.29555142
13009	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	63.82464851
13010	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	70.68299839
13011	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	63.1550481
13012	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	M	48.88838348
13013	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	8	H	163.4133985
13014	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	27.84715086
13015	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	24.43601247
13016	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	17.81997455
13017	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	27.70582417
13018	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	28.97499743
13019	Null	Shimla Hill	Gulberg Town	12"	RCC	1990	B	T	15"	5	M	117.2697039
13020	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	25.76257146
13021	Null	Shimla Hill	Gulberg Town	18"	RCC	1990	B	T	18"	5	M	57.43560403
13022	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	59.27092064
13023	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	38.4164168
13024	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	64.09899232
13025	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	35.25840313
13026	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	M	89.33976651
13027	Null	Shimla Hill	Gulberg Town	12"	RCC	1985	B	S	15"	10	M	378.4032226
13028	Null	Shimla Hill	Gulberg Town	12"	RCC	1985	B	S	12"	10	M	168.2876925
13029	Null	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	15"	10	M	979.7661462
13030	Null	Shimla Hill	Gulberg Town	18"	RCC	2000	B	S	24"	35	L	265.2578101
13031	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	165.568514
13032	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	29.37739137
13033	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	13.53434239
13034	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	27.68486858
13035	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	18.53144254
13036	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	248.5539197
13037	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	62.37195663
13038	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	12	M	33.88130812
13039	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	88.91826041
13040	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	12	M	97.72525394
13041	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	12	M	51.51577001
13042	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	295.9994691
13043	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	151.4367501
13044	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	47.56379777
13045	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	52.30847037
13046	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	63.76166856
13047	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	27.16655696
13048	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	168.8778248
13049	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	22.65370596
13050	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	180.8956075
13051	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	47.25910558
13052	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	45.51057289
13053	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	194.7331605
13054	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	134.0011058
13055	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	27.18764027
13056	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	30.79635349
13057	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	70.43690567
13058	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	186.7568558
13059	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	31.46320659
13060	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	52.78086157
13061	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	93.6107576
13062	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	201.5660685
13063	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	79.01229151
13064	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	83.75341131
13065	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	65.50236882
13066	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	19.82464859
13067	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	70.8183837
13068	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	18.47878667
13069	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	73.55543194
13070	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	115.8922984
13071	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	M	1.730758734
13072	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	82.20899901
13073	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	30.73487857
13074	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	97.13724016
13075	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	57.18237668
13076	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	110.9917827

13077	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	4.75503484
13078	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	22.23994152
13079	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	26.42919334
13080	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	67.51138332
13081	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	100.7382499
13082	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	18.16372623
13083	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	24.85959974
13084	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	189.4424165
13085	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	26.53115912
13086	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	9.225043279
13087	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	24.62361546
13088	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	37.01223485
13089	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	26.61443004
13090	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	37.44370248
13091	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	152.9163045
13092	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	73.76662277
13093	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	38.69001831
13094	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	63.99996664
13095	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	66.90492484
13096	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	10.08677566
13097	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	28.10131032
13098	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	70.06320529
13099	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	17.53230199
13100	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	103.1054588
13101	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	131.0328291
13102	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	63.48264803
13103	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	150.1669443
13104	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	70.09094305
13105	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	54.24987692
13106	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	158.7934664
13107	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	18.91315214
13108	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	36.29560754
13109	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	12	M	114.1054011
13110	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	132.1035122
13111	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	21.2905551
13112	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	59.41704728
13113	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	126.6950507
13114	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	35.56595749
13115	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	228.4276487
13116	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	57.36789451
13117	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	50.03476785
13118	Null	Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	177.1721815
13119	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	104.727489
13120	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	97.37659238
13121	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	28.55821825
13122	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	12.56455079
13123	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	36.19029209
13124	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	157.6693847
13125	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	120.6459092
13126	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	21.83491532
13127	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	96.82140222
13128	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	279.2501619
13129	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	140.4054824
13130	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	98.9525881
13131	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	36.56632196
13132	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	104.9462586
13133	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	20.90489749
13134	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	49.6176653
13135	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	93.27199678
13136	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	138.6675398
13137	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	68.4535232
13138	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	225.746531
13139	Null	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	36.58560641
13140	Null	Shimla Hill	Gulberg Town	12"	RCC	1980	B	T	15"	8	M	434.1037422
13141	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	107.7959156
13142	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	99.76438927
13143	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	70.12376083
13144	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	116.711577
13145	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	80.33660718
13146	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	23.36145638
13147	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	199.4322481
13148	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	177.8411712

13149	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	34.32298881
13150	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	121.2892169
13151	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	9"	12	M	14.41790017
13152	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	8.675484843
13153	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	82.73955487
13154	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	153.183652
13155	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	9"	12	M	14.19005094
13156	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	87.59863473
13157	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	9"	10	M	11.39267124
13158	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	141.5894104
13159	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	9"	10	M	12.53391372
13160	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	198.2106869
13161	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	38.19353652
13162	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	112.4005004
13163	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	110.8222357
13164	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	9"	10	M	14.68155723
13165	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	35.33179283
13166	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	M	146.7133909
13167	Null	Shimla Hill	Gulberg Town	12"	RCC	1995	B	T	15"	10	M	260.4531683
13168	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	32.58014274
13169	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	20.79812251
13170	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	71.92254066
13171	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	108.2701241
13172	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	14.07087144
13173	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	156.2295925
13174	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	198.942992
13175	Null	Shimla Hill	Gulberg Town	9"	RCC	1945	C	P	15"	0	H	492.4826049
13176	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	171.2315247
13177	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	26.1429673
13178	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	19.39906868
13179	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	19.33648693
13180	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	33.24546362
13181	Null	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	37.81049309
13182	Null	Shimla Hill	Gulberg Town	12"	RCC	1980	B	T	12"	15	M	56.90007562
13183	Null	Shimla Hill	Gulberg Town	18"x36"	Dot	1945	F	S	15"	0	H	444.2883129
13184	Null	Shimla Hill	Gulberg Town	9"	RCC	1935	C	P	15"	0	H	811.796065
13185		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	364.0594756
13186		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	141.4813866
13187		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	143.5848212
13188		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	93.2925
13189		Shimla Hill	Gulberg Town	18"	RCC	1990	B	S	24"	10	M	161.1117038
13190		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	198.3893237
13191		Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	43.82844004
13192		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	43.12758612
13193		Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	54.21754839
13194		Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	54.70336437
13195		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	57.8422185
13196		Shimla Hill	Gulberg Town	18"x36"	Dot	1980	B	P	24"	20	M	1157.480453
13197		Shimla Hill	Gulberg Town	12"	Dot	1980	B	S	12"	10	M	434.7343013
13198		Shimla Hill	Gulberg Town	12"	RCC	1980	B	S	12"	10	M	289.7309558
13199		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	141.043849
13200		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	56.64780549
13201		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	189.2268446
13202		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	70.25021712
13203		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	46.31241872
13204		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	101.4110681
13205		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	243.1240498
13206		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	106.4705981
13207		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	66.7004024
13208		Shimla Hill	Gulberg Town	12"	RCC	1980	B	S	12"	10	M	190.6103469
13209		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	304.8465691
13210		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	84.7649359
13211		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	77.82906164
13212		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	71.84492015
13213		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	78.47127383
13214		Shimla Hill	Gulberg Town	12"	RCC	2000	B	T	12"	25	M	227.4248697
13215		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	67.87389849
13216		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	63.01217006
13217		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	81.26688992
13218		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	43.47989417
13219		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	57.40012809
13220		Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	29.23860065

13221	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	125.9018148
13222	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	135.25034
13223	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	184.9578491
13224	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	110.4173022
13225	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	43.95769806
13226	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	15	M	591.2495202
13227	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	173.3967383
13228	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	68.4383087
13229	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	M	98.68148072
13230	Shimla Hill	Gulberg Town	12"	RCC	2000	B	P	15"	5	H	550.9280487
13231	Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	141.6669989
13232	Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	91.5782036
13233	Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	30.69433773
13234	Shimla Hill	Gulberg Town	18"x36"	Dot	1980	B	P	24"	15	M	1393.712222
13235	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	12"	20	M	418.3429914
13236	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	0	L	168.9678542
13237	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	5	L	99.91082511
13238	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	5	L	83.13160107
13239	Shimla Hill	Gulberg Town	12"	RCC	1970	B	T	12"	15	M	485.6638253
13240	Shimla Hill	Gulberg Town	12"	RCC	1990	B	T	12"	8	M	398.9246612
13241	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	12"	15	M	445.6139743
13242	Shimla Hill	Gulberg Town	9"	RCC	1975	B	T	12"	10	M	635.6127881
13243	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	10	M	339.0739567
13244	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	180.0281336
13245	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	427.0937135
13246	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	196.7104126
13247	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	236.8048226
13248	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	40.44058783
13249	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	70.58867201
13250	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	126.6660089
13251	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	68.12971242
13252	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	399.727108
13253	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	86.64760424
13254	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	46.54760631
13255	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	125.5881602
13256	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	26.95081934
13257	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	18.42129198
13258	Shimla Hill	Gulberg Town	9"	RCC	1980	C	P	12"	2	M	560.7136571
13259	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	127.1975971
13260	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	61.01574747
13261	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	56.91826264
13262	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	124.8030766
13263	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	97.90043199
13264	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	113.4497312
13265	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	16.18543281
13266	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	39.22040043
13267	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	81.04340695
13268	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	59.26906491
13269	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	144.751325
13270	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	55.89970261
13271	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	198.1599978
13272	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	63.91377446
13273	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	2	M	368.375484
13274	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	99.62218868
13275	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	52.84690899
13276	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	71.66198295
13277	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	304.418652
13278	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	101.6717366
13279	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	58.62428635
13280	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	15	M	64.99499091
13281	Shimla Hill	Gulberg Town	18"x24"	Drain	1990	F	S	12"	0	M	112.0750589
13282	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	135.5079077
13283	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	59.81747712
13284	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	34.6807601
13285	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	5	M	32.10430116
13286	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	24.8581696
13287	Shimla Hill	Gulberg Town	12"	RCC	1985	B	S	15"	10	M	317.7298722
13288	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	49.90045731
13289	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	26.97484123
13290	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	25.74946585
13291	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	51.3403797
13292	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	69.42923145

13293	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	56.716632
13294	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	42.50069357
13295	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	29.54732958
13296	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	5	M	24.53846705
13297	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	153.8770564
13298	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	81.57751943
13299	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	35.48495788
13300	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	37.64233686
13301	Shimla Hill	Gulberg Town	12"	RCC	1985	B	S	15"	15	M	285.5566417
13302	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	55.34819537
13303	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	55.90573258
13304	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	34.62233515
13305	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	61.51136856
13306	Shimla Hill	Gulberg Town	12"	RCC	1985	B	S	15"	15	M	241.2620388
13307	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	119.6301789
13308	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	26.43727203
13309	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	8.586624784
13310	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	12.8163838
13311	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	15.44088342
13312	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	95.11960882
13313	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	42.95800724
13314	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	62.04336482
13315	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	38.05857466
13316	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	46.31313514
13317	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	18.96683068
13318	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	9.516627811
13319	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	90.02494644
13320	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	25.84723338
13321	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	25.13280254
13322	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	25.45516624
13323	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	25.27734087
13324	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	57.55045414
13325	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	37.28300949
13326	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	181.3368947
13327	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	144.8229325
13328	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	45.08894176
13329	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	73.08854683
13330	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	9.573982923
13331	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	30.11309261
13332	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	72.50249403
13333	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	18.10847696
13334	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	15.63915088
13335	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	67.08824443
13336	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	172.2471211
13337	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	43.63073457
13338	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	76.93958669
13339	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	17.12639408
13340	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	225.7474213
13341	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	266.5659897
13342	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	104.1526751
13343	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	63.65732589
13344	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	69.70281965
13345	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	8	L	103.2870926
13346	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	8	L	65.91755187
13347	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	64.8838966
13348	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	41.65924657
13349	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	65.92000182
13350	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	44.41934891
13351	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	41.55881583
13352	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	48.37014852
13353	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	43.24773986
13354	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	12.71446376
13355	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	11.24104427
13356	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	24.28901265
13357	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	32.36957869
13358	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	24.82815539
13359	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	19.55250215
13360	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	64.28243034
13361	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	66.66023861
13362	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	68.04168818
13363	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	57.73181151
13364	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	64.78209382

13365		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	180.8087122
13366		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	32.61083484
13367		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	77.70541679
13368		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	42.59799203
13369		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	39.17449534
13370		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	24.12608094
13371		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	99.26424838
13372		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	27.75046974
13373		Shimla Hill	Gulberg Town	12"	RCC	2000	B	T	15"	15	L	70.13152769
13374		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	61.64735548
13375		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	85.77103671
13376		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	40.79200628
13377		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	29.12236411
13378		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	7.796904315
13379		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	15.01286734
13380		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	14.62943161
13381		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	13.63603807
13382		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	18.2156828
13383		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	10.19290904
13384		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	20.55668674
13385		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	9.555163596
13386		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	11.85055736
13387		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	46.69819633
13388		Shimla Hill	Gulberg Town	9"	RCC	2000	B	T	12"	10	L	55.49597114
13389		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	75.18662068
13390		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	17.52748021
13391		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	14.51682997
13392		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	15	M	29.84852933
13393		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	20.72449013
13394		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	46.0686016
13395		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	39.33496092
13396		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	29.83175052
13397		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	26.30242733
13398		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	23.68305644
13399		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	22.97138565
13400		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	72.17752393
13401		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	22.93254433
13402		Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	9"	5	M	24.92449572
13403		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	45.29892049
13404		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	19.45328713
13405		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	26.37651658
13406		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	28.38459266
13407		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	25.12271057
13408		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	30.74163066
13409		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	73.07891767
13410		Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	30.49316244
13411	Null	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	12"	10	M	121.9814208
13412		Shimla Hill	Gulberg Town	9"	RCC	1995	B	S	12"	5	L	127.150126
13413		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	51.3687617
13414		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	49.93568451
13415		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	53.47442627
13416		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	46.19498176
13417		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	49.35622354
13418		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	48.92449091
13419		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	74.4292439
13420		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	53.36762235
13421		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	40.64833741
13422		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	32.90720514
13423		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	47.913349
13424		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	31.52533447
13425		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	43.88177383
13426		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	51.4405595
13427		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	69.08789934
13428		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	50.93159614
13429		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	49.41327839
13430		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	104.6716692
13431		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	31.97359646
13432		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	61.5125789
13433		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	75.31222944
13434		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	94.06506678
13435		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	29.31413413
13436		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	11.70802018

13437	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	19.22106084
13438	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	9.020557262
13439	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	33.87780441
13440	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	13.64887135
13441	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	16.37426102
13442	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	14.86171659
13443	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	12.32884116
13444	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	9.857644413
13445	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	24.36615203
13446	Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	16.64344384
13447	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	21.2539623
13448	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	58.82869954
13449	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	36.19682688
13450	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	41.41403863
13451	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	44.21311054
13452	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	67.93391835
13453	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	50.73602162
13454	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	22.73850342
13455	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	39.95801531
13456	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	13.36472269
13457	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	40.87642184
13458	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	38.49703682
13459	Shimla Hill	Gulberg Town	18"	RCC	2012	B	S	24"	25	L	13.27708743
13460	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	10.53483728
13461	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	18.79710554
13462	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	10.72195456
13463	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	10.5420431
13464	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	42.92485095
13465	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	39.28613711
13466	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	64.69713789
13467	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	31.27229462
13468	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	44.81478405
13469	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	26.93661086
13470	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	55.20320153
13471	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	31.41291382
13472	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	11.14814995
13473	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	12.67259062
13474	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	14.93013236
13475	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	21.16364838
13476	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	23.65642079
13477	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	41.56246817
13478	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	42.47256395
13479	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	22.66503092
13480	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	21.05334305
13481	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	22.76006461
13482	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	23.4843484
13483	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	20.52642081
13484	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	19.86601686
13485	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	17.97238625
13486	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	18.51562462
13487	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	23.63420512
13488	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	23.15131642
13489	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	9.944085471
13490	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	14.71695229
13491	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	16.83809933
13492	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	25.07748589
13493	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	14.54330882
13494	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	30.37229497
13495	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	27.93839477
13496	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	34.77811863
13497	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	32.21098066
13498	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	33.65111678
13499	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	30.99542037
13500	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	45.8540162
13501	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	18.878244
13502	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	80.44374274
13503	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	17.94892423
13504	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	5	M	32.93631453
13505	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	39.69109952
13506	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	24.32914143
13507	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	21.39526684
13508	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	25.11242799

13509	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	17.07506156
13510	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	23.44037499
13511	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	16.82936981
13512	Shimla Hill	Gulberg Town	18"x24"	Drain	1990	F	S	12"	0	M	11.16761885
13513	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	27.3550962
13514	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	54.47024921
13515	Shimla Hill	Gulberg Town	9"	RCC	1980	B	S	12"	5	M	11.37463958
13516	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	16.75581722
13517	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	12.6611294
13518	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	45.26846633
13519	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	12"	5	M	15.79627304
13520	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	47.78937376
13521	Shimla Hill	Gulberg Town	12"	RCC	2015	B	T	12"	30	L	91.54977087
13522	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	53.59664309
13523	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	38.83089595
13524	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	14.61179289
13525	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	53.68946311
13526	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	34.83873221
13527	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	L	74.31374044
13528	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	31.08039214
13529	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	12"	20	L	44.41148187
13530	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	14.61402485
13531	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	12.81973496
13532	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	14.66355597
13533	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	12.9227186
13534	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	L	16.09177612
13535	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	61.92269899
13536	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	56.50242966
13537	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	59.84973091
13538	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	9.53029353
13539	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	27.59830628
13540	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	24.6921797
13541	Shimla Hill	Gulberg Town	9"	RCC	1985	B	S	9"	15	L	241.2508739
13542	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	32.81058013
13543	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	43.56046851
13544	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	44.21822647
13545	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	14.82852408
13546	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	40.89493352
13547	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	36.82249128
13548	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	67.99509432
13549	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	87.47597213
13550	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	60.55980066
13551	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	8.5442728
13552	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	39.40435501
13553	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	12.83588752
13554	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	15.5138154
13555	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	16.35463007
13556	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	31.48282705
13557	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	20.21594051
13558	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	30.77978092
13559	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	12.97922289
13560	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	11.43115168
13561	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	15.67791654
13562	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	36.96069682
13563	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	52.43720776
13564	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	24.84052111
13565	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	34.76646203
13566	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	80.2382984
13567	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	67.37213222
13568	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	35.4281963
13569	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	28.16683476
13570	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	88.35475009
13571	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	68.96236776
13572	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	60.63700539
13573	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	71.75924533
13574	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	33.71392319
13575	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	10.8105835
13576	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	49.92083545
13577	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	64.85116198
13578	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	29.31272278
13579	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	156.8426711
13580	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	22.53408191

13581	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	42.62586555
13582	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	64.93810177
13583	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	56.73823347
13584	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	34.297516
13585	Shimla Hill	Gulberg Town	9"	RCC	1988	B	T	12"	8	L	44.16014616
13586	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	101.2276576
13587	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	35.93862595
13588	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	35.44214275
13589	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	26.09502713
13590	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	46.25366326
13591	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	146.1213812
13592	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	16.40813489
13593	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	543.8765414
13594	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	421.8089097
13595	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	30.31457608
13596	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	202.1390104
13597	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	82.97986466
13598	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	39.3750489
13599	Shimla Hill	Gulberg Town	18"	RCC	1975	B	T	18"	20	L	429.9309324
13600	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	135.244874
13601	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	134.5316597
13602	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	75.28654766
13603	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	40.12440025
13604	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	37.30645446
13605	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	144.5710382
13606	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	17.37451341
13607	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	65.926207
13608	Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	166.9239343
13609	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	93.30201274
13610	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	149.6819514
13611	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	21.33084442
13612	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	23.86530119
13613	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	83.7152781
13614	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	36.63506746
13615	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	43.37610837
13616	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	24.71033592
13617	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	38.87239218
13618	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	168.4715479
13619	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	12"	10	M	203.2223191
13620	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	36.11807521
13621	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	79.74073986
13622	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	36.02579786
13623	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	33.48446258
13624	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	72.98505583
13625	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	105.8304229
13626	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	59.86257033
13627	Shimla Hill	Gulberg Town	18"	RCC	1985	B	T	18"	15	M	300.8216327
13628	Shimla Hill	Gulberg Town	24"x36"	Dot	1936	B	P	24"	15	M	1939.564319
13629	Shimla Hill	Gulberg Town	24"x36"	Dot	1980	B	S	36"	10	M	350.8248388
13630	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	69.11153748
13631	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	154.3031111
13632	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	132.1266179
13633	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	242.382787
13634	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	60.58576994
13635	Shimla Hill	Gulberg Town	9"	RCC	1980	A	T	12"	5	L	191.379018
13636	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	15	L	98.54461959
13637	Shimla Hill	Gulberg Town	12"	RCC	1985	B	T	12"	20	L	391.0674308
13638	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	35.44001265
13639	Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	12"	10	L	34.87286616
13640	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	291.3490622
13641	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	123.5141926
13642	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	156.0478043
13643	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	50.7026486
13644	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	33.56133299
13645	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	34.69760592
13646	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	245.9729813
13647	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	245.3406111
13648	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	74.30781126
13649	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	215.5345876
13650	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	32.94439629
13651	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	31.25284951
13652	Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	42.71903044

13653		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	32.04509915
13654		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	86.39224062
13655		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	141.7608208
13656		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	75.20484449
13657		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	44.05541674
13658		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	104.9054527
13659		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	98.65071246
13660		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	134.2284984
13661		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	29.32401701
13662		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	38.03962638
13663		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	76.41895099
13664		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	53.36013391
13665		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	186.9244139
13666		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	90.38511195
13667		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	61.96806311
13668		Shimla Hill	Gulberg Town	9"	RCC	1995	B	S	12"	10	L	154.0627956
13669		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	32.4030531
13670		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	42.23077164
13671		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	61.46896349
13672		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	92.4750532
13673		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	178.3459718
13674		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	67.48400518
13675		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	74.1206194
13676		Shimla Hill	Gulberg Town	9"	RCC	1995	B	S	12"	15	L	47.51496647
13677		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	273.3751016
13678		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	225.126185
13679		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	53.82122295
13680		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	47.48231239
13681		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	56.70336298
13682		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	7.979032531
13683		Shimla Hill	Gulberg Town	9"	RCC	1995	B	S	12"	10	L	287.8329943
13684		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	129.7928215
13685		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	5	L	21.34524019
13686		Shimla Hill	Gulberg Town	18"x24"	Dot	1945	B	S	36"	10	H	455.7144994
13687		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	136.9054251
13688	Mall Rd to Aiwan e Tijarat Rd	Shimla Hill	Gulberg Town	24"x36"	Dot	1930	B	P	24"	20	H	1812.567895
13689		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	71.22802561
13690		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	24.59998428
13691		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	66.9234562
13692		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	89.18249623
13693		Shimla Hill	Gulberg Town	9"	RCC	1995	B	T	12"	10	L	63.81614867
13694		Shimla Hill	Gulberg Town	12"	RCC	2000	B	P	15"	8	H	202.6097888
13695		Shimla Hill	Gulberg Town	12"	RCC	2000	B	P	15"	8	H	330.966157
13696		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	10	M	19.03983686
13697		Shimla Hill	Gulberg Town	9"	RCC	1985	C	T	9"	1	L	19.20515557
13698		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	L	95.01705028
13699		Shimla Hill	Gulberg Town	9"	RCC	2014	B	T	12"	25	L	108.9272722
13700		Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	9"	10	M	85.1821989
13701		Shimla Hill	Gulberg Town	9"	RCC	1980	B	T	9"	10	M	97.68768846
13702		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	22.41967082
13703		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	96.51025574
13704		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	56.44363154
13705		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	9"	8	L	32.21350378
13706		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	48.09577744
13707		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	59.92078531
13708		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	31.77528145
13709		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	39.74922815
13710		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	10	M	210.2887943
13711		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	5	L	49.51641364
13712		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	5	L	45.19627907
13713		Shimla Hill	Gulberg Town	9"	RCC	1985	B	T	12"	5	L	49.90685276
13714	Null	Shimla Hill	Gulberg Town	9"	RCC	1990	B	T	12"	5	L	66.61828672
23139		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	30.39909642
23140		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	29.6899427
23141		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	41.85882042
23142		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	31.73039574
23143		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	77.01404423
23144		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	102.4859913
23145		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	49.57420367
23146		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	51.47818552
23147		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	57.13133504

23148	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	103.4810428
23149	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	46.79483669
23150	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	37.77547204
23151	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	77.0472536
23152	Gulberg	Gulberg Town	12"	RCC	1975	C	T	12"	5	H	113.111852
23153	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	24.3792349
23154	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	27.31492009
23155	Gulberg	Gulberg Town	18"	RCC	1995	B	S	18"	10	H	645.6643547
23156	Gulberg	Gulberg Town	12"	RCC	0	0	0	0	0	0	476.846011
23157	Gulberg	Gulberg Town	12"	RCC	2002	C	T	15"	5	H	317.0850134
23158	Gulberg	Gulberg Town	12"	RCC	1990	C	S	15"	5	H	138.4399121
23159	Gulberg	Gulberg Town	12"	RCC	1990	C	S	15"	5	H	80.57454785
23160	Gulberg	Gulberg Town	24"	RCC	1980	B	S	24"	10	H	165.2335643
23161	Gulberg	Gulberg Town	18"	RCC	1980	B	S	18"	15	H	258.2797207
23162	Gulberg	Gulberg Town	12"	RCC	1995	B	S	15"	10	H	198.504311
23163	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	295.7037658
23164	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	298.1603298
23165	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	310.2113618
23166	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	296.5113293
23167	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	278.6363058
23168	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	269.4733868
23169	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	248.1686284
23170	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	236.2612016
23171	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	215.2725026
23172	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	210.322505
23173	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	167.2565833
23174	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	135.2659507
23175	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	130.4961916
23176	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	151.2261852
23177	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	130.2804394
23178	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	68.35925717
23179	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	59.93385803
23180	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	44.41946604
23181	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	35.93351958
23182	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	53.41492383
23183	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	67.80532619
23184	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	97.05138489
23185	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	98.06926272
23186	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	107.8763532
24983	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	124.3443005
24984	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	90.86573895
24985	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	105.0374114
24986	Gulberg	Gulberg Town	12"	RCC	1980	C	S	15"	5	H	118.5278306
24987	Gulberg	Gulberg Town	12"	RCC	1980	C	S	15"	5	H	36.40586348
24988	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	97.42593212
24989	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	15.6980867
24990	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	20.94703149
24991	Gulberg	Gulberg Town	12"	RCC	1985	C	T	12"	10	H	78.14135575
24992	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	31.26824088
24993	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	41.4090307
24994	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	26.55903142
24995	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	57.32094805
24996	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	31.48665976
24997	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	28.63138865
24998	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	19.77964365
24999	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	31.50617228
25000	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	44.56300257
25001	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	36.18262413
25002	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	36.81765827
25003	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	33.77792554
25004	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	30.90287877
25005	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	32.73640568
25006	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	31.83302238
25007	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	24.81538449
25008	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	34.62886321
25009	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	29.77901069
25010	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	31.62109443
25011	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	13.877053
25012	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	30.6847039
25013	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	29.49658901
25014	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	24.31176572
25015	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	30.13590478

25016		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	25.51035413
25017	Old	Gulberg	Gulberg Town	9"	RCC	1990	C	T	12"	5	M	119.4031572
25018		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	92.66127175
25019		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	40.42267164
25020		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	38.71773852
25021		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	35.1254793
25022		Gulberg	Gulberg Town	12"	RCC	2004	B	T	12"	10	H	264.8136388
25023		Gulberg	Gulberg Town	18"	RCC	1996	B	S	24"	15	H	716.516133
25024		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	41.30681018
25025		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	43.08775031
25026		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	35.09590718
25027		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	90.86122683
25028		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	30.80688903
25029		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	103.2940278
25030		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	129.4326246
25031		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	106.0482941
25032		Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	53.35597973
25033		Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	45.97898054
25034		Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	30.69169574
25035		Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	78.66665953
25036		Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	113.1807526
25037		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	83.93235984
25038		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	68.18974997
25039		Gulberg	Gulberg Town	18"	RCC	1980	C	T	18"	5	H	31.27954316
25040		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	30.77297266
25041		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	32.54339017
25042		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	34.3095102
25043		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	47.39077372
25044		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	15.06409688
25045		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	64.80086255
25046		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	48.42769738
25047		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	37.42640591
25048		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	13.76000796
25049		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	41.47905191
25050		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	19.02064976
25051		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	H	25.9430214
25052		Gulberg	Gulberg Town	18"	RCC	1996	B	S	24"	15	H	362.2832122
25053		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	234.3788589
25054		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	22.46859364
25055		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	26.57901367
25056		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	33.754809
25057		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	28.6848254
25058		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	36.74872226
25059		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	38.9913844
25060		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	44.24710371
25061		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	38.5049982
25062		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	46.14254839
25063		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	55.75803757
25064		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	51.89354381
25065		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	74.73012136
25066		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	82.25279783
25067		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	83.75804542
25068		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	25.49137978
25069		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	165.0323724
25070		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	82.93770281
25071		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	84.22807886
25072		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	39.05519521
25073		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	24.73918481
25074		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	130.3856566
25075		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	83.92219279
25076		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	81.84417162
25077		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	84.29422606
25078		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	81.87951542
25079		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	81.52435118
25080		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	50.4318201
25081		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	13.87689787
25082		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	50.33672826
25083		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	14.22013228
25084		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	12.05969696
25085		Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	165.538031
25086		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	55.09600921
25087		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	82.01418839

25088	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	12.77912849
25089	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	25.79099071
25090	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	23.32341375
25091	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	25.58245173
25092	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	23.29008959
25093	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	23.33949401
25094	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	27.92302741
25095	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	23.31483807
25096	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	27.41218859
25097	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	82.31285085
25098	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	50.1338134
25099	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	13.75610088
25100	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	14.48869221
25101	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	23.67874293
25102	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	12.58884406
25103	Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	320.666333
25104	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	122.2942332
25105	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	192.4276399
25106	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	114.9612102
25107	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	82.88737656
25108	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	84.0209319
25109	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	85.05668558
25110	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	129.0685239
25111	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	97.56844111
25112	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	72.12026916
25113	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	95.99911274
25114	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	66.39220123
25115	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	44.11920315
25116	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	105.3387277
25117	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	32.12162104
25118	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	119.6151496
25119	Gulberg	Gulberg Town	18"	RCC	2005	B	S	18"	15	H	817.9513866
25120	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	110.2064568
25121	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	94.04069515
25122	Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	236.0680548
25123	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	67.77103631
25124	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	61.14106943
25125	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	85.72122295
25126	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	226.9268178
25127	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	228.4359554
25128	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	236.9848344
25129	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	194.0672936
25130	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	53.51689753
25131	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	55.43392515
25132	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	88.78790481
25133	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	L	24.83953515
25134	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	44.35905316
25135	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	124.2331001
25136	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	45.48871535
25137	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	56.32684853
25138	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	148.3056526
25139	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	175.2976889
25140	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	79.74117558
25141	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	81.3599592
25142	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	259.527868
25143	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	109.67346
25144	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	151.5158873
25145	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	72.42231783
25146	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	143.1843564
25147	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	H	171.3355544
25148	Gulberg	Gulberg Town	12"	RCC	1980	C	S	12"	10	H	199.4473156
25149	Gulberg	Gulberg Town	18"	RCC	1980	B	P	18"	10	H	70.19234167
25150	Gulberg	Gulberg Town	18"	RCC	1980	B	P	18"	10	H	689.2988574
25151	Gulberg	Gulberg Town	12"	RCC	1998	B	S	12"	20	H	336.4029285
25152	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	89.59222228
25153	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	56.62645583
25154	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	102.6391688
25155	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	44.76009924
25156	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	46.01554074
25157	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	58.08408247
25158	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	42.21280043
25159	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	31.60953772

25160	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	10.07928599
25161	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	30.55281526
25162	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	34.83167493
25163	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	10.78109723
25164	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	83.44380383
25165	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	79.70325556
25166	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	64.45117014
25167	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	20.53172653
25168	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	59.19472978
25169	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	70.93952336
25170	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	49.0514567
25171	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	78.97077983
25172	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	66.44119531
25173	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	64.13511326
25174	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	94.14284495
25175	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	56.66815297
25176	Gulberg	Gulberg Town	12"	RCC	1980	C	T	18"	5	H	126.0913204
25177	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	34.56257051
25178	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	29.63335785
25179	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	38.37266814
25180	Gulberg	Gulberg Town	12"	RCC	1980	C	T	18"	5	H	144.361163
25181	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	66.36775354
25182	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	165.2620556
25183	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	73.78263801
25184	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	73.24887955
25185	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	39.98496093
25186	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	42.87765091
25187	Gulberg	Gulberg Town	27"	RCC	1980	C	P	42"	10	H	3366.04185
25188	Gulberg	Gulberg Town	9"	RCC	2005	B	S	12"	20	H	159.1548171
25189	Gulberg	Gulberg Town	9"	RCC	1985	D	S	12"	1	M	90.92770701
25190	Gulberg	Gulberg Town	9"	RCC	1975	D	S	24"	1	H	497.0300457
25191	Gulberg	Gulberg Town	12"	RCC	1975	C	S	24"	1	H	217.8553351
25192	Gulberg	Gulberg Town	6"	RCC	1975	D	T	15"	1	H	257.0115866
25193	Gulberg	Gulberg Town	6"	RCC	1975	D	T	12"	1	H	145.9025692
25194	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	H	52.63453304
25195	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	H	142.3600449
25196	Gulberg	Gulberg Town	9"	RCC	1975	D	S	12"	1	H	99.58876658
25197	Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	26.85606163
25198	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	114.1183578
25199	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	63.22289299
25200	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	96.24304967
25201	Gulberg	Gulberg Town	9"	RCC	2002	B	T	12"	8	H	262.8481761
25202	Gulberg	Gulberg Town	9"	RCC	2002	B	T	12"	8	H	209.4784826
25203	Gulberg	Gulberg Town	9"	RCC	2002	B	T	12"	8	H	208.6868448
25204	Gulberg	Gulberg Town	9"	RCC	2002	B	T	12"	8	H	208.7247277
25205	Gulberg	Gulberg Town	9"	RCC	2002	B	T	12"	8	H	190.3161908
25206	Gulberg	Gulberg Town	12"	RCC	1980	C	S	15"	5	H	122.8871263
25207	Gulberg	Gulberg Town	12"	RCC	1980	C	S	15"	5	H	137.5923279
25208	Gulberg	Gulberg Town	12"	RCC	2002	C	T	12"	5	H	263.0697085
25209	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	30.66720571
25210	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	31.71325671
25211	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	31.69663902
25212	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	1	M	30.29325717
25213	Gulberg	Gulberg Town	12"	RCC	1995	B	S	15"	10	H	89.94286845
25214	Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	124.9147419
25215	Gulberg	Gulberg Town	12"	RCC	1980	C	T	12"	5	H	240.5435286
25216	Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	256.4084767
25217	Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	91.58126418
25218	Gulberg	Gulberg Town	12"	RCC	1985	C	T	12"	10	H	266.9739311
25219	Gulberg	Gulberg Town	9"	RCC	2002	C	T	12"	5	H	147.1787826
25220	Gulberg	Gulberg Town	9"	RCC	1970	B	T	12"	2	L	478.7596654
25221	Gulberg	Gulberg Town	18"	RCC	2005	C	P	24"	5	M	587.7166739
25222	Gulberg	Gulberg Town	21"	RCC	2008	C	P	24"	1	M	642.3206635
25223	Gulberg	Gulberg Town	54"x36"	RCC	1966	D	P	60"	5	H	1912.847753
25224	Gulberg	Gulberg Town	12"	RCC	2013	B	S	15"	10	M	262.54748
25225	Gulberg	Gulberg Town	27"	RCC	2007	B	P	27"	10	L	551.2201208
25226	Gulberg	Gulberg Town	24"	RCC	1965	D	P	30"	1	H	901.1707433
25227	Gulberg	Gulberg Town	15"	RCC	2007	B	S	18"	18	L	658.5791013
25228	Gulberg	Gulberg Town	12"	RCC	1965	D	S	18"	1	H	828.9424607
25229	Gulberg	Gulberg Town	27"	RCC	2007	A	P	30"	10	M	438.9150162
25230	Gulberg	Gulberg Town	12"	RCC	1993	B	S	18"	10	L	613.9734299
25231	Gulberg	Gulberg Town	27"	RCC	2007	B	P	30"	20	L	850.7417406

25232	Gulberg	Gulberg Town	12"	RCC	1970	C	S	18"	4	M	670.0857304
25233	Gulberg	Gulberg Town	12"	RCC	2013	A	S	15"	20	L	90.87332785
25234	Gulberg	Gulberg Town	9"	RCC	1975	D	S	15"	2	H	613.8727287
25235	Gulberg	Gulberg Town	12"	RCC	1975	D	P	15"	2	H	1179.229124
25236	Gulberg	Gulberg Town	12"	RCC	1980	C	S	15"	2	H	531.9683482
25237	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	282.4248193
25238	Gulberg	Gulberg Town	12"	RCC	1985	C	P	18"	2	M	399.6256299
25239	Gulberg	Gulberg Town	12"	RCC	1975	C	S	12"	5	M	372.6728915
25240	Gulberg	Gulberg Town	12"	RCC	2007	B	S	15"	5	L	111.6101819
25241	Gulberg	Gulberg Town	15"	RCC	2007	B	S	18"	20	L	583.6989941
25242	Gulberg	Gulberg Town	15"	RCC	2007	B	S	24"	20	L	592.0672868
25243	Gulberg	Gulberg Town	18"	RCC	2007	A	S	24"	20	L	626.032543
25244	Gulberg	Gulberg Town	15"	RCC	1975	C	S	15"	2	M	662.5406818
25245	Gulberg	Gulberg Town	27"	RCC	2007	B	P	27"	25	L	660.4150205
25246	Gulberg	Gulberg Town	42"	RCC	2000	C	P	48"	5	H	1142.126368
25247	Gulberg	Gulberg Town	30"	RCC	2008	B	P	36"	10	M	703.4202202
25248	Gulberg	Gulberg Town	24"	RCC	2000	C	P	24"	10	M	542.1588133
25249	Gulberg	Gulberg Town	12"	RCC	2014	C	S	18"	5	M	190.9621374
25250	Gulberg	Gulberg Town	18"	RCC	1990	D	P	30"	1	H	1209.635497
25251	Gulberg	Gulberg Town	12"	RCC	2000	C	T	12"	12	L	299.3488311
25252	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	15	M	53.75323125
25253	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	5	M	341.531324
25254	Gulberg	Gulberg Town	12"	RCC	1965	D	S	18"	10	M	294.1633113
25255	Gulberg	Gulberg Town	12"	RCC	1965	C	S	12"	10	M	283.0792801
25256	Gulberg	Gulberg Town	18"	RCC	2010	B	S	24"	15	M	259.4751389
25257	Gulberg	Gulberg Town	12"	RCC	1950	D	S	24"	1	L	411.3313141
25258	Gulberg	Gulberg Town	12"	RCC	1950	D	S	24"	1	L	352.3998876
25259	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	5	M	180.4019055
25260	Gulberg	Gulberg Town	30"	RCC	2000	C	P	36"	10	H	508.1345184
25261	Gulberg	Gulberg Town	24"	RCC	2002	B	S	30"	5	M	850.4028378
25262	Gulberg	Gulberg Town	24"	RCC	2005	C	S	30"	7	M	245.5530518
25263	Gulberg	Gulberg Town	18"	RCC	1985	C	S	24"	5	M	358.5801122
25264	Gulberg	Gulberg Town	18"	RCC	1985	C	S	24"	5	M	310.9556689
25265	Gulberg	Gulberg Town	30"	RCC	2000	C	P	36"	10	H	245.5047709
25266	Gulberg	Gulberg Town	18"	RCC	1985	C	S	24"	5	M	167.7902591
25267	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	10	M	570.5565438
25268	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	10	M	319.3184831
25269	Gulberg	Gulberg Town	12"	RCC	1995	B	S	18"	5	M	311.2839623
25270	Gulberg	Gulberg Town	12"	RCC	2000	C	T	18"	10	M	321.0787647
25271	Gulberg	Gulberg Town	12"	RCC	1995	B	S	18"	5	M	184.5548509
25272	Gulberg	Gulberg Town	12"	RCC	2000	D	T	12"	1	M	146.5541336
25273	Gulberg	Gulberg Town	9"	RCC	2000	B	T	9"	5	M	121.7721231
25274	Gulberg	Gulberg Town	12"	RCC	2000	C	T	12"	12	L	150.3576286
25275	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	10	M	418.4312693
25276	Gulberg	Gulberg Town	12"	RCC	2000	C	T	18"	10	M	335.832085
25277	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	10	M	357.7534852
25278	Gulberg	Gulberg Town	24"	RCC	2002	C	S	30"	5	M	321.5078243
25279	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	201.6616482
25280	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	37.94872384
25281	Gulberg	Gulberg Town	12"	RCC	2000	C	T	12"	10	M	113.2513941
25282	Gulberg	Gulberg Town	12"	RCC	2000	C	S	18"	10	M	253.6644725
25283	Gulberg	Gulberg Town	24"	RCC	2002	C	S	30"	5	M	784.4912295
25284	Gulberg	Gulberg Town	24"	RCC	2002	C	S	30"	5	M	350.0037667
25285	Gulberg	Gulberg Town	24"	RCC	2005	C	S	30"	10	M	151.7127863
25286	Gulberg	Gulberg Town	24"	RCC	2005	C	S	30"	7	M	239.78583
25287	Gulberg	Gulberg Town	6"	RCC	1950	F	T	9"	1	H	686.8519666
25288	Gulberg	Gulberg Town	6"	RCC	1950	F	T	9"	1	H	262.7929302
25289	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	248.1476442
25290	Gulberg	Gulberg Town	6"	RCC	1950	F	T	9"	1	H	284.1651775
25291	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	222.2006447
25292	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	168.8446312
25293	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	429.314559
25294	Gulberg	Gulberg Town	12"	RCC	1965	D	T	15"	1	M	212.7004031
25295	Gulberg	Gulberg Town	12"	RCC	1965	D	T	15"	1	M	434.1273528
25296	Gulberg	Gulberg Town	15"	RCC	1965	D	T	18"	1	M	387.2326206
25297	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	362.7435227
25298	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	118.9610865
25299	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	156.5857883
25300	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	153.5954727
25301	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	112.0599423
25302	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	79.34875515
25303	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	97.99052615

25304	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	84.42194019
25305	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	366.6439528
25306	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	73.30266926
25307	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	69.52267308
25308	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	64.76563238
25309	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	102.6469151
25310	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	172.6631631
25311	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	38.43843289
25312	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	28.65806268
25313	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	51.8827927
25314	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	434.4771824
25315	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	56.13172029
25316	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	263.0865027
25317	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	82.21640047
25318	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	134.9829124
25319	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	49.84962592
25320	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	50.42059596
25321	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	116.454761
25322	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	169.8211526
25323	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	53.5087857
25324	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	167.11151
25325	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	91.74118492
25326	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	80.12023313
25327	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	50.50393011
25328	Gulberg	Gulberg Town	6"	RCC	1965	D	T	12"	1	M	50.65195451
25329	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	133.2941458
25330	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	125.5663
25331	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	223.816164
25332	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	317.5526277
25333	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	269.010198
25334	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	205.8439343
25335	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	236.7210508
25336	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	199.4306328
25337	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	285.3203194
25338	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	74.66000453
25339	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	296.6835013
25340	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	100.5767092
25341	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	412.1841179
25342	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	167.4713641
25343	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	65.88029605
25344	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	154.5810071
25345	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	157.2625051
25346	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	61.00137297
25347	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	173.5077888
25348	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	36.65038313
25349	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	147.6306256
25350	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	86.52828966
25351	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	100.2220756
25352	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	27.59799264
25353	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	80.7872841
25354	Gulberg	Gulberg Town	9"	RCC	1970	C	S	12"	5	L	226.1229773
25355	Gulberg	Gulberg Town	9"	RCC	1970	C	S	12"	5	L	113.4909361
25356	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	146.6272415
25357	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	73.86015657
25358	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	118.8740899
25359	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	124.2713125
25360	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	74.44833425
25361	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	114.1450078
25362	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	128.1707861
25363	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	113.7342975
25364	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	107.4670492
25365	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	250.8548428
25366	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	145.9558889
25367	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	290.8600459
25368	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	108.3696051
25369	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	90.02886174
25370	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	301.2210387
25371	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	131.2147155
25372	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	132.8332399
25373	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	170.9121288
25374	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	268.160529
25375	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	229.1233453

25376	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	70.36241198
25377	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	135.3489152
25378	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	45.56936629
25379	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	102.5956255
25380	Gulberg	Gulberg Town	6"	RCC	2000	C	T	12"	5	M	237.3027163
25381	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	64.87692784
25382	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	184.9039985
25383	Gulberg	Gulberg Town	6"	RCC	2000	C	T	12"	5	M	208.6993107
25384	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	205.0577109
25385	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	429.3644261
25386	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	235.669336
25387	Gulberg	Gulberg Town	9"	RCC	1965	C	S	9"	1	M	259.5210481
25388	Gulberg	Gulberg Town	24"	RCC	1980	C	P	24"	1	M	186.3428135
25389	Gulberg	Gulberg Town	12"	RCC	2000	C	T	12"	10	L	345.0113918
25390	Gulberg	Gulberg Town	12"	RCC	2005	C	S	12"	5	M	623.3819745
25391	Gulberg	Gulberg Town	9"	RCC	2005	C	T	9"	5	M	338.0646143
25392	Gulberg	Gulberg Town	18"	RCC	2005	C	S	18"	5	M	772.9777361
25393	Gulberg	Gulberg Town	18"	RCC	2005	C	S	18"	5	M	234.910119
25394	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	127.3256883
25395	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	128.8901507
25396	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	127.0708347
25397	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	188.8505945
25398	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	212.7788811
25399	Gulberg	Gulberg Town	9"	RCC	2005	C	T	9"	5	M	231.9300227
25400	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	137.9831168
25401	Gulberg	Gulberg Town	9"	RCC	2005	C	T	9"	5	M	457.6455242
25402	Gulberg	Gulberg Town	9"	RCC	1975	C	S	12"	5	L	215.8910332
25403	Gulberg	Gulberg Town	9"	RCC	1975	C	S	12"	5	L	498.1589659
25404	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	271.7540336
25405	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	103.4742312
25406	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	39.4675594
25407	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	99.44163072
25408	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	75.41057698
25409	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	300.4422237
25410	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	451.8081294
25411	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	228.0174618
25412	Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	215.8588352
25413	Gulberg	Gulberg Town	9"	RCC	1965	D	S	9"	5	M	88.83538195
25414	Gulberg	Gulberg Town	9"	RCC	1965	D	S	9"	5	M	186.9410093
25415	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	53.27599173
25416	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	128.9663491
25417	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	73.57943034
25418	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	226.6848112
25419	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	73.04020288
25420	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	92.53083624
25421	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	94.58947493
25422	Gulberg	Gulberg Town	6"	RCC	1950	F	T	9"	1	H	279.9924642
25423	Gulberg	Gulberg Town	6"	RCC	1950	F	T	9"	1	H	256.2133428
25424	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	15	M	110.980851
25425	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	15	M	83.74520052
25426	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	15	M	178.8096328
25427	Gulberg	Gulberg Town	9"	RCC	1995	C	T	18"	15	M	184.4634495
25428	Gulberg	Gulberg Town	12"	RCC	2000	C	T	12"	12	L	65.25737925
25429	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	7	M	222.278532
25430	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	7	M	180.0355989
25431	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	7	M	41.2751
25432	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	7	M	91.4702364
25433	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	176.6726374
25434	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	178.5974612
25435	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	181.2991162
25436	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	179.9684035
25437	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	83.97259032
25438	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	147.6383494
25439	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	220.9063105
25440	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	149.1476845
25441	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	157.7879485
25442	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	105.7880269
25443	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	309.5371369
25444	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	226.2329227
25445	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	226.8535727
25446	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	221.1999448
25447	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	221.0226331

25448		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	418.9381783
25449		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	340.2830156
25450		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	329.222627
25451		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	317.2902713
25452		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	311.6597136
25453		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	105.7655254
25454		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	108.9584002
25455		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	98.95628603
25456		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	98.38090722
25457		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	100.7930378
25458		Gulberg	Gulberg Town	9"	RCC	1995	C	T	12"	7	M	179.8817377
25459		Gulberg	Gulberg Town	9"	RCC	1995	C	T	12"	7	M	168.9160217
25460		Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	201.0552064
25461		Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	128.5098813
25462		Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	100.117244
25463		Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	97.00712313
25464		Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	96.97438358
25465		Gulberg	Gulberg Town	24"	RCC	2005	B	S	24"	15	H	324.6049548
25466		Gulberg	Gulberg Town	30"	RCC	2010	B	P	30"	30	H	112.8325171
25467		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	H	351.8112306
25468		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	H	67.47827585
25469		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	H	67.40516715
25470		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	H	61.97574145
25471		Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	H	52.5449652
25472		Gulberg	Gulberg Town	9"	RCC	1970	D	T	12"	1	M	437.2705674
25473		Gulberg	Gulberg Town	12"	RCC	2015	A	S	15"	30	L	531.0898222
25474		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	L	79.93347835
25475		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	L	111.406626
25476		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	L	124.5923916
25477		Gulberg	Gulberg Town	12"	RCC	1980	B	T	15"	10	M	323.3332472
25478		Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	L	136.0826065
25479		Gulberg	Gulberg Town	12"	RCC	1975	C	T	15"	5	L	678.4151554
25480		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	12	L	410.5172148
25481		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	285.8565595
25482		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	315.1140798
25483		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	300.4142318
25484		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	293.705885
25485		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	278.3341568
25486		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	271.1562037
25487		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	264.3979403
25488		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	184.7680887
25489		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	103.4048139
25490		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	139.5408873
25491		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	78.53952346
25492		Gulberg	Gulberg Town	12"	RCC	1998	B	T	15"	10	L	313.7614861
25493		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	298.5235296
25494		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	100.7350739
25495		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	102.960319
25496		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	103.6612078
25497		Gulberg	Gulberg Town	9"	RCC	1975	C	S	12"	5	L	277.2861364
25498		Gulberg	Gulberg Town	12"	RCC	1965	D	S	15"	1	L	500.3580379
25499		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	M	323.9970904
25500		Gulberg	Gulberg Town	12"	RCC	1975	C	S	15"	5	M	425.9917763
25501		Gulberg	Gulberg Town	15"	RCC	1975	C	S	18"	5	M	459.7242899
25502		Gulberg	Gulberg Town	12"	RCC	1975	C	S	15"	5	M	285.7417414
25503		Gulberg	Gulberg Town	9"	RCC	1985	C	S	15"	10	L	180.939108
25504		Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	121.1933984
25505		Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	M	576.6673847
25506		Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	M	436.6079806
25507		Gulberg	Gulberg Town	18"	RCC	2007	A	P	24"	20	M	466.6532265
25508		Gulberg	Gulberg Town	12"	RCC	2013	B	S	15"	10	M	375.3706967
25509		Gulberg	Gulberg Town	9"	RCC	1965	B	S	15"	10	M	239.7547716
25510		Gulberg	Gulberg Town	9"	RCC	1965	C	T	12"	1	M	168.8392766
25511		Gulberg	Gulberg Town	9"	RCC	1965	C	T	12"	1	M	132.015637
25512		Gulberg	Gulberg Town	9"	RCC	1965	C	T	12"	1	M	113.3955458
25513		Gulberg	Gulberg Town	9"	RCC	1965	C	T	12"	1	M	128.3833704
25514		Gulberg	Gulberg Town	9"	RCC	1965	C	T	12"	1	M	111.6416683
25515		Gulberg	Gulberg Town	15"	RCC	2007	C	S	18"	20	L	330.8864836
25516		Gulberg	Gulberg Town	9"	RCC	1970	C	T	12"	2	L	406.0826132
25517		Gulberg	Gulberg Town	18"	RCC	1996	B	S	24"	15	H	218.0524637
25518		Gulberg	Gulberg Town	54"x36"	RCC	1966	D	P	60"	5	H	131.1391543
25519		Gulberg	Gulberg Town	9"	RCC	1985	D	S	12"	1	H	157.3430983

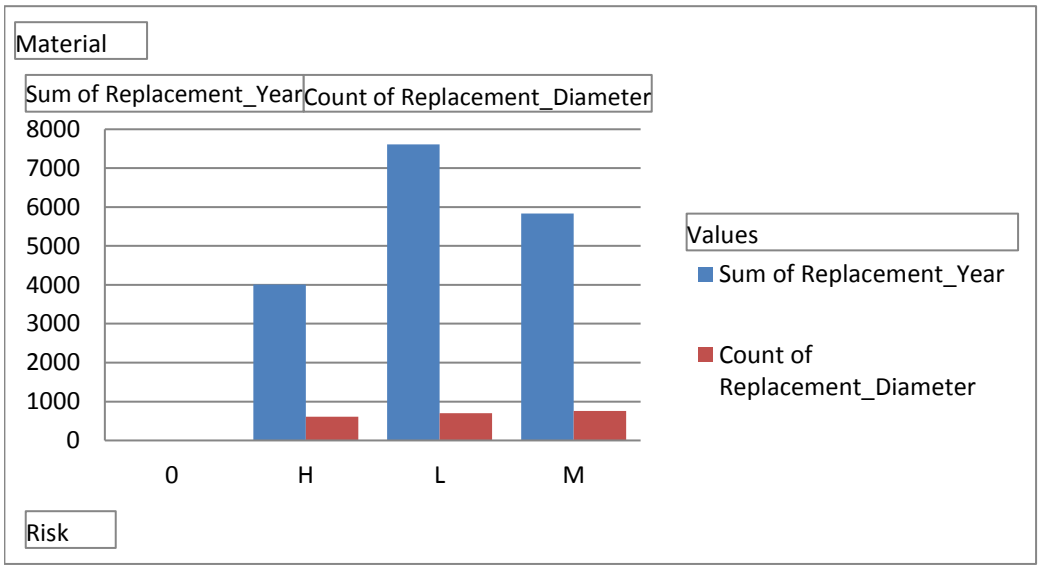
25520	Gulberg	Gulberg Town	6"	RCC	1995	C	S	12"	1	M	72.1519314
25521	Gulberg	Gulberg Town	6"	RCC	1995	C	S	12"	1	M	113.7114824
25522	Gulberg	Gulberg Town	9"	RCC	1985	C	S	12"	3	M	88.59039829
25523	Gulberg	Gulberg Town	9"	RCC	1985	C	S	12"	3	M	46.98200288
25524	Gulberg	Gulberg Town	9"	RCC	2002	C	T	12"	5	H	121.3221843
25525	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	119.1230059
25526	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	5	H	241.39456
25527	Gulberg	Gulberg Town	6"	RCC	1980	C	T	12"	5	H	39.92155547
25528	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	18.87653292
25529	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	9.734585823
25530	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	34.71105325
25531	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	24.87371499
25532	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	38.98188409
25533	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	33.99479931
25534	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	34.14279441
25535	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	34.20125645
25536	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	35.68870442
25537	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	32.14590492
25538	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	31.77286001
25539	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	39.75509902
25540	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	41.17531701
25541	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	43.01191073
25542	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	41.0492737
25543	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	138.5455585
25544	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	131.2501574
25545	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	40.86526288
25546	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	35.78150425
25547	Gulberg	Gulberg Town	9"	RCC	2000	C	T	9"	10	L	36.04255568
25548	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	15	L	430.8919508
25549	Gulberg	Gulberg Town	18"	RCC	2014	C	P	18"	1	M	275.7881535
25550	Gulberg	Gulberg Town	6"	RCC	1965	C	S	9"	1	M	83.07444584
25551	Gulberg	Gulberg Town	9"	RCC	1965	D	S	12"	10	M	278.8582907
25552	Gulberg	Gulberg Town	12"	RCC	1995	C	T	24"	15	M	114.5225518
25553	Gulberg	Gulberg Town	9"	RCC	2000	B	S	15"	2	H	710.8463038
25554	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	555.1123146
25555	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	377.0042369
25556	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	150.739582
25557	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	360.4288267
25558	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	2	H	128.0378085
25559	Gulberg	Gulberg Town	12"	RCC	1970	D	T	15"	1	H	528.1017227
25560	Gulberg	Gulberg Town	9"	RCC	1970	C	T	12"	2	M	102.1765131
25561	Gulberg	Gulberg Town	9"	RCC	1970	C	T	12"	2	M	85.29508822
25562	Gulberg	Gulberg Town	9"	RCC	1970	C	T	12"	2	M	96.59340011
25563	Gulberg	Gulberg Town	12"	RCC	1970	D	T	15"	1	H	246.4279741
25564	Gulberg	Gulberg Town	54"x36"	RCC	1966	D	P	60"	5	H	912.1005393
25565	Gulberg	Gulberg Town	9"	RCC	1980	C	T	12"	10	L	110.2680259
25566	Gulberg	Gulberg Town	12"	RCC	2007	B	T	18"	10	H	292.7186444
25567	Gulberg	Gulberg Town	12"	RCC	2007	B	T	18"	10	H	59.99296226
25568	Gulberg	Gulberg Town	12"	RCC	2007	B	T	18"	10	H	55.96341018
25569	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	32.60999039
25570	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	67.20738952
25571	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	33.40529219
25572	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	35.17880269
25573	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	33.32401238
25574	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	64.74942409
25575	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	31.65729875
25576	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	32.3861902
25577	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	33.11527797
25578	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	30.96426123
25579	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	31.80280318
25580	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	62.03710803
25581	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	34.88124584
25582	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	32.09053376
25583	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	34.02303932
25584	Gulberg	Gulberg Town	12"	RCC	1975	C	S	15"	15	L	533.9032864
25585	Gulberg	Gulberg Town	9"	RCC	2007	B	S	12"	8	M	66.67733709
25586	Gulberg	Gulberg Town	15"	RCC	2007	B	S	24"	20	L	589.6645871
25587	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	5	L	186.6748257
25588	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	5	L	264.5202107
25589	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	5	L	265.8734229
25590	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	124.799154
25591	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	109.4840724

25592	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	222.6147802
25593	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	8	M	168.3563344
25594	Gulberg	Gulberg Town	12"	RCC	1990	B	S	15"	20	L	276.4611732
25595	Gulberg	Gulberg Town	15"	RCC	1998	B	S	18"	20	H	496.579926
25596	Gulberg	Gulberg Town	24"	RCC	2007	A	P	28"	20	M	99.6635587
25597	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	68.17941948
25598	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	97.01753388
25599	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	139.0533006
25600	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	62.46714196
25601	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	78.84673516
25602	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	84.74124442
25603	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	122.0042619
25604	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	112.0524962
25605	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	99.19269097
25606	Gulberg	Gulberg Town	9"	RCC	1998	B	T	12"	20	H	141.3346094
25607	Gulberg	Gulberg Town	12"	RCC	2002	B	S	15"	10	L	593.6612429
25608	Gulberg	Gulberg Town	12"	RCC	2002	B	S	15"	10	L	339.9912714
25609	Gulberg	Gulberg Town	12"	RCC	2000	B	P	15"	15	L	177.4214847
25610	Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	M	203.7440768
25611	Gulberg	Gulberg Town	9"	RCC	1965	C	S	12"	1	M	259.6931323
25612	Gulberg	Gulberg Town	9"	RCC	1965	C	S	12"	1	M	71.3759914
25613	Gulberg	Gulberg Town	9"	RCC	1965	C	S	12"	1	M	170.9595444
25614	Gulberg	Gulberg Town	24"	RCC	1975	B	P	24"	10	L	648.8827295
25615	Gulberg	Gulberg Town	18"	RCC	2007	B	P	24"	25	M	449.9314488
25616	Gulberg	Gulberg Town	12"	RCC	1965	D	S	15"	1	H	265.2440618
25617	Gulberg	Gulberg Town	12"	RCC	1965	D	S	15"	1	H	219.8248433
25618	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	95.39284185
25619	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	48.41399854
25620	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	50.25650254
25621	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	L	49.09313165
25622	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	5	M	48.00630633
25623	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	111.8122359
25624	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	198.4941696
25625	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	166.9119988
25626	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	151.8454804
25627	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	183.0394523
25628	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	213.617405
25629	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	72.83763007
25630	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	76.7933559
25631	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	63.14290927
25632	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	82.70851305
25633	Gulberg	Gulberg Town	18"	RCC	2007	B	S	24"	20	L	312.2994468
25634	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	308.178259
25635	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	217.2069304
25636	Gulberg	Gulberg Town	9"	RCC	2010	B	T	12"	1	L	113.8728927
25637	Gulberg	Gulberg Town	9"	RCC	2010	B	T	12"	1	L	307.8225514
25638	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	281.0523701
25639	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	10	L	132.5596777
25640	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	86.92358244
25641	Gulberg	Gulberg Town	9"	RCC	1975	C	T	12"	2	L	28.06175082
25642	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	10	M	411.1255025
25643	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	10	M	409.5820022
25644	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	10	M	400.3452283
25645	Gulberg	Gulberg Town	12"	RCC	2005	C	T	12"	10	M	393.3331309
25646	Gulberg	Gulberg Town	9"	RCC	1985	C	T	12"	5	M	109.7667719
25647	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	164.3970989
25648	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	106.8666823
25649	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	5	M	141.791383
25650	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	71.32452458
25651	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	157.8838578
25652	Gulberg	Gulberg Town	12"	RCC	2007	A	T	15"	20	L	364.7902585
25653	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	457.8571255
25654	Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	180.0701805
25655	Gulberg	Gulberg Town	9"	RCC	1995	C	T	9"	15	M	90.27478792
25656	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	63.56987945
25657	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	57.88196918
25658	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	58.51942407
25659	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	83.22931153
25660	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	115.4287291
25661	Gulberg	Gulberg Town	9"	RCC	2000	C	T	12"	10	M	185.2916941
25662	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	260.822978
25663	Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	66.26757364

25664		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	304.259163
25665		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	100.8096246
25666		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	186.0296914
25667		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	208.2731534
25668		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	117.2193656
25669		Gulberg	Gulberg Town	6"	RCC	1965	D	T	9"	1	M	281.8842987
25670		Gulberg	Gulberg Town	12"	RCC	1975	D	T	18"	1	M	385.3269412
25671		Gulberg	Gulberg Town	12"	RCC	1975	D	T	18"	1	M	436.8316374
25672		Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	135.3818221
25673		Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	122.7977049
25674		Gulberg	Gulberg Town	9"	RCC	1965	D	T	12"	1	M	318.7303129
25675		Gulberg	Gulberg Town	9"	RCC	2005	C	T	9"	5	M	176.1497515
25676		Gulberg	Gulberg Town	9"	RCC	2005	C	T	9"	5	M	144.4551741
25677		Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	106.6397032
25678		Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	125.7072812
25679		Gulberg	Gulberg Town	9"	RCC	2005	C	T	12"	5	M	137.8622315
25680		Gulberg	Gulberg Town	12"	RCC	1975	D	T	15"	1	M	280.5825688
25681		Gulberg	Gulberg Town	9"	RCC	1975	D	T	12"	1	M	320.707142
25682		Gulberg	Gulberg Town	12"	RCC	1975	D	S	18"	1	M	538.9231812
25683		Gulberg	Gulberg Town	12"	RCC	1975	D	S	18"	1	M	266.6614698
25684		Gulberg	Gulberg Town	12"	RCC	1965	D	S	15"	1	H	231.7744982
25685		Gulberg	Gulberg Town	12"	RCC	1965	C	S	15"	1	H	662.6478818
25686		Gulberg	Gulberg Town	12"	RCC	2010	B	S	18"	1	L	538.8456159
25687		Gulberg	Gulberg Town	54"x36"	RCC	1966	D	P	60"	5	H	289.0114747
25688		Gulberg	Gulberg Town	12"	RCC	2005	C	S	18"	7	M	43.12732553
25689	Multan Rd to Canal	Gulberg	Gulberg Town	18"	RCC	1970	C	P	24"	5	M	686.0083939
35206	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	2	L	74.93130456
35207	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	2	L	77.16199755
35208	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	2	L	55.57784085
35209	Adjoining Street of 4 Mozang Rd	Mozang	Gulberg Town	9"	RCC	1985	D	T	12"	2	L	62.32563581

Material	(All)

Row Labels	Sum of Replacement_Year	Count of Replacement_Diameter
0	0	1
H	4007	614
L	7611	699
M	5836	757
Grand Total	**17454**	**2071**



ASSET CONDITION OF TUBEWELLS OF GULBERG SUBDIVISION

Asset Id	form no	Name	Installati	Status	Town	Generator_	DC	AC	Condition	replacement year	Motor_Size
180185010400020110-111	180 1 12 0365	G-Block Gulberg-II	2001	Functional	Gulberg Town	300 KVA (Not Functioing)	4 CFS	4 CFS	C	4	150 BHP
180185010400020110-161	180 1 12 0370	J-Block	2005	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	10	80 BHP
180185010400020110-151	180 1 12 0369	Ittihad Colony	2000	Functional	Gulberg Town	NILL	2 CFS	2 CFS	C	15	80 BHP
180185010400020110-41	180 1 12 0344	B-Block Gulberg-II	2005	Functional	Gulberg Town	NILL	4 CFS	4 CFS	C	12	150 BHP
180185010400020110-131	180 1 12 0367	Khan Colony	2013	Functional	Gulberg Town	NILL	2 CFS	2 CFS	A	20	80 BHP
180185010400020110-91	180 1 12 0363	Makkah Colony	2000	Functional	Gulberg Town	NILL	4 CFS	2 CFS	C	2	80 BHP
180185010400020110-51	180 1 12 0345	Guru Mangat Gulab Market	2010	Functional	Gulberg Town	NILL	4 CFS	4 CFS	B	15	150 BHP
180185010400020110-221	180 1 12 0376	D1 Block C2	2011	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	15	80 BHP
180185010400020110-121	180 1 12 0366	Q- Block	1998	Functional	Gulberg Town	NILL	4 CFS	4 CFS	B	10	150 BHP
180185010400020110-211	180 1 12 0375	E1 BLOCK	2009	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	10	80 BHP
180185010400020110-231	180 1 12 0377	Jinnah Park	2011	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	15	80 BHP
180185010400020110-21	180 1 12 0342	F.C.C. Block	2011	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	18	80 BHP
180185010400020110-81	180 1 12 0362	H-Block	1995	Functional	Gulberg Town	NILL	4 CFS	4 CFS	B	5	150 BHP
180185010400020110-71	180 1 12 0361	Nawaz Shareef Colony	2005	Functional	Gulberg Town	NILL	4 CFS	4 CFS	C	12	150 BHP
180185010400020110-101	180 1 12 0364	Makkah Colony	2005	Functional	Gulberg Town	NILL	2 CFS	2 CFS	B	10	80 BHP
180185010400020110-201	180 1 12 0374	Henery Kay Kachi Abadi		Abandoned	Gulberg Town	NILL	2 CFS	2 CFS	F	1	80 BHP
180185010400020110-171	180 1 12 0371	P-Block, Gopal Nagar	2003	Functional	Gulberg Town	NILL	2 CFS	2 CFS	C	5	80 BHP
180185010400020110-61	180 1 12 0346	C3-Block	2008	Functional	Gulberg Town	NILL	4 CFS	4 CFS	B	20	150 BHP
180185010400020110-41	180 1 12 0344	B1-Block Gulberg-III	2000	Abandoned	Gulberg Town	NILL	4 CFS	4 CFS	C	8	150 BHP
180185010400020110-181	180 1 12 0372	Saint Marry	2000	Functional	Gulberg Town	NILL	2 CFS	2 CFS	C	10	80 BHP
180185010400020110-191	180 1 12 0373	Qurban Line Kachi Abadi	2000	Functional	Gulberg Town	NILL	2 CFS	2 CFS	C	2	80 BHP
180185010400020110-1	180 1 12 0031	Jail Road	2000	Functional	Gulberg Town	NILL	4 CFS	2 CFS	C	1	80 BHP
180185010400020110-31	180 1 12 0343	T-Block Park	2000	Functional	Gulberg Town	NILL	2 CFS	2 CFS	C	10	80 BHP

Physical Condition				
New/Excellent Condition	Minor Defects Only	Moderate Deterioration	Significant Deterioration	Unservicable
A	B	C	D	F

Asset Performance				
Meets Performance Targets	Minor Performance Deficiencies	Considerable Performance Deficiencies	Major Performance Deficiencies	Doesn't Meet Performance Targets
A	B	C	D	F

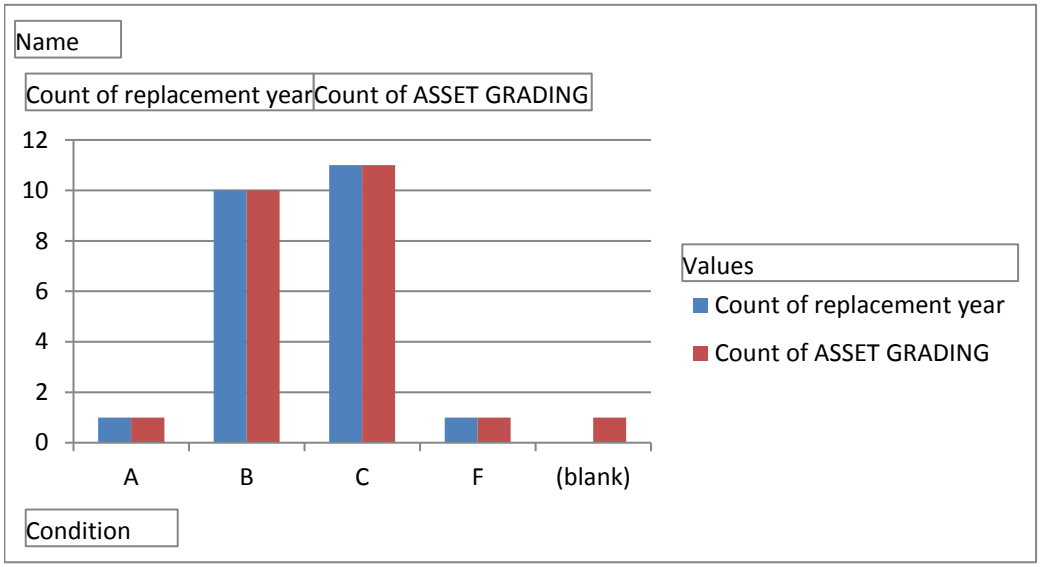
Asset reliability				
As Specified by Manufacturer	Random Breakdown	Occasional Breakdown	Periodic Breakdown	Continuous Breakdown
A	B	C	D	F

Asset Condition Rating				
Excellent	Good	Fair	Poor	Failing
1	2	3	4	5
A	B	C	D	F

Sub_Divisi	ASSET GRADING			
	physical condition	Reliabilty of asset	performance of asset	asset condition rating
Gulberg	C	C	C	3
Gulberg	B	B	B	2
Gulberg	C	C	C	3
Gulberg	C	C	C	3
Gulberg	A	A	A	1
Gulberg	C	C	C	3
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	B	B	B	2
Gulberg	C	C	C	3
Gulberg	B	B	B	2
Gulberg	F	F	F	5
Gulberg	C	C	C	3
Gulberg	B	B	B	2
Gulberg	C	C	C	3
Gulberg	C	C	C	3
Gulberg	C	C	C	3
Gulberg	C	C	C	3
Gulberg	C	C	C	3

Name	(All)

Row Labels	Count of replacement year	Count of ASSET GRADING
A	1	1
B	10	10
C	11	11
F	1	1
(blank)		1
Grand Total	**23**	**24**



Asset Maintenance Plan OF tubewells of Gulberg dubdivision based on their Risk

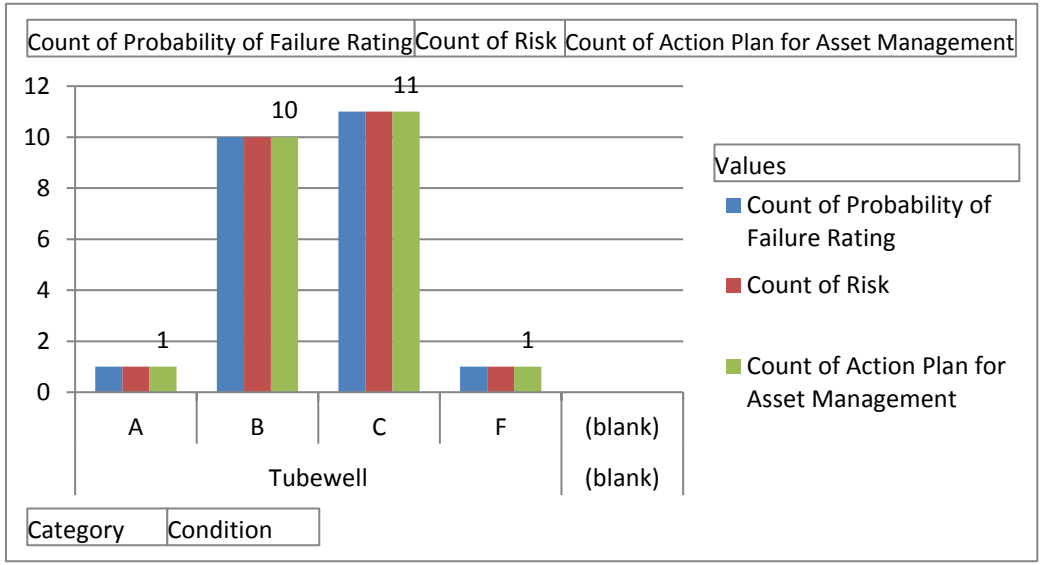
Code	Category	Asset location	subdivision	Condition	Probability of Failure Rating	Impact Rating	Risk	Action Plan for Asset Management
180185010400020110-111	Tubewell	G-Block Gulberg-II	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-161	Tubewell	J-Block	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-151	Tubewell	Ittihad Colony	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-41	Tubewell	B-Block Gulberg-II	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-131	Tubewell	Khan Colony	Gulberg	A	1	1	low	preventive maintenance
180185010400020110-91	Tubewell	Makkah Colony	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-51	Tubewell	Guru Mangat Gulab Market	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-221	Tubewell	D1 Block C2	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-121	Tubewell	Q- Block	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-211	Tubewell	E1 BLOCK	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-231	Tubewell	Jinnah Park	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-21	Tubewell	F.C.C. Block	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-81	Tubewell	H-Block	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-71	Tubewell	Nawaz Shareef Colony	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-101	Tubewell	Makkah Colony	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-201	Tubewell	Henery Kay Kachi Abadi	Gulberg	F	5	3	high	immediate maintenance
180185010400020110-171	Tubewell	P-Block, Gopal Nagar	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-61	Tubewell	C3-Block	Gulberg	B	2	1	low	preventive maintenance
180185010400020110-41	Tubewell	B1-Block Gulberg-III	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-181	Tubewell	Saint Marry	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-191	Tubewell	Qurban Line Kachi Abadi	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-1	Tubewell	Jail Road	Gulberg	C	3	1	moderate	priority maintence
180185010400020110-31	Tubewell	T-Block Park	Gulberg	C	3	1	moderate	priority maintence

Condition	A	B	C	D	F
Probability of Failure Rating	1	2	3	4	5

Impact	Minor Component Failure	Major Component Failure	Asset Failure	Facility/ Sub-Division Failure	Total System Failure
Scale Value	1	2	3	4	5

Probability	Impact (Criticality Assessment)				
	1	2	3	4	5

A	Low Risk	Low Risk	Low Risk	Moderate Risk	High Risk
B	Low Risk	Low Risk	Moderate Risk	High Risk	High Risk
C	Low Risk	Moderate Risk	High Risk	High Risk	Significant Risk
D	Moderate Risk	High Risk	High Risk	Significant Risk	Significant Risk
F	High Risk	High Risk	Significant Risk	Significant Risk	Significant Risk

Condtion	**Failure Risk State**			
	Low	**Moderate**	**High**	**Significant**
A	Regular Maintenance	Regular Maintenance	Preventive Maintenance	Priority Maintenance
B	Regular Maintenance	Preventive Maintenance	Priority Maintenance	Priority Maintenance
C	Preventive Maintenance	Priority Maintenance	Priority Maintenance	Immidiate Maintenance
D	Priority Maintenance	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance
F	Priority Maintenance	Immidiate Maintenance	Immidiate Maintenance	Immidiate Maintenance

Row Labels	Count of Probability of Failure Rating	Count of Risk	Count of Action Plan for Asset Management
Tubewell	**23**	**23**	**23**
A	1	1	1
B	10	10	10
C	11	11	11
F	1	1	1
(blank)			
(blank)			
Grand Total	**23**	**23**	**23**