

# **FLOOD EMERGENCY RAIN RELIEF PLAN -2009**

## **1. OBJECTIVE**

The object of this plan is to have a coordinated mechanism available at the District level, which could ensure effective precautionary measures and also provide countering the effects of flood or heavy rainfall in this District. This effort is to minimize the chances of any loss of life or damage to property, and to attend the miseries of the general public during any emergent condition/situation.

District Hyderabad is an old District having been established in 1843. It is 8<sup>th</sup> largest City of Pakistan and is the 2<sup>nd</sup> largest City of Sindh Province. The climate of this District is moderate. The District consists of four Talukas. The population of the District is 1494866 souls according to the population Census of 1998 including Cantonment area. Total area of the District Hyderabad is 1870 Sq.KMs. (25797 acres)

### **TALUKA WISE AREA POPULATION**

<b>Sr. No</b>	<b>Taluka</b>	<b>No. of Union Councils</b>	<b>Area in Sq.Km</b>	<b>Population</b>		
				<b>Rural</b>	<b>Urban</b>	<b>Total</b>
1	City	20	43	7696	517603	525299
2	Latifabad	17	204	17717	546044	563761
3	Qasimabad	4	69	12127	103247	115374
4	Taluka Hyderabad	11	1554	263986	26446	290432
<b>Total</b>		<b>52</b>	<b>1870</b>	<b>301526</b>	<b>1193340</b>	<b>1494866</b>

### **TRIBES.**

The population of Hyderabad is a mixture of various heterogeneous groups and cultures. The main races are Syed, Balouches, Talpurs, Mirzas, Shaiks,

Memons, Khattris, Rajputs, Qureshis, Abbasis lots of pushto speaking settlers from Punjab can be found settled in various parts of the District, different groups of minorities are also found settled in the District they are mostly Kohlies, Bheels and Magwars.

**POPULATION OF DIFFERENT RELIGIONS AS PER CENSUS 1998**

Name of Taluka	Muslims	Christians	Hindu (Jati)	Qadiani (Ahmedi)	Sheduled Caste	Other	Total
City	499685	4276	20097	612	231	398	525299
Latifabad	532265	7723	21875	754	514	630	563761
Qasimabad	106853	2341	6031	52	41	56	115374
Taluka Hyderabad	254229	866	33941	68	1130	198	290432
<b>Total</b>	<b>1393032</b>	<b>15206</b>	<b>81944</b>	<b>1486</b>	<b>1916</b>	<b>1282</b>	<b>1494866</b>

The main protective bunds in the District are as under:-

Sr. No	Name of Taluka	Vulnerable points/Area	Location/Range
1	Taluka Hyderabad (Rural)	Ghaliyoon front Bund	Mile 3/0 to 5/2
		Ghaliyoon front Bund	Mile 7/0 to 9/0
		Ghaliyoon front Bund	Mile 10/0 to 12/7
		Hajipur Bund	Mile 8/0 to 8/4
		Hajipur Bund	Mile 12/4 to 13/5
2	Qasimabad	Jamshoro front Bund	Mile 1/0 to 2/0
3	Latifabad	Giddumal front Bund	Mile 1/5 to 4/4

## **INSTALLATION OF RAIN GAUGES.**

In compliance of the CM's Directives regarding installation of Rain Gauges has already installed in the office of the Mukhtiarkars (Revenue) District Hyderabad.

## **WARNING SYSTEM**

The practical execution of action plan depends upon an efficient and accurate warning system. The Executive Engineer Kotri Barrage who is liaison and zonal flood emergency officer shall be responsible for collection of discharge figures and water level at various Barrages and will pass on this information regularly to all concerned.

Details of flood warning centers established by the Irrigation Department are as under:-

<b>#</b>	<b>Name of Officer</b>	<b>Office</b>	<b>Residence</b>
1	XEN Barrage Division Sukkur	071-5612432	0300-3200775
2	<b><u>Flood Liaison</u></b> AEN, regulation sub-division Sukkur	071-9310187	-
3	Flood emergency control room Rohri Cannal, Circle-II, Hyderabad.	9200278 9200238	9200405
4	XEN, Kotri Barrage Division, Jamshoro	3877403	3866520
	<b><u>Flood Liaison Officer</u></b> AEN Regulation Sub-Division, Jamshoro	3877426	3877317

## **COMMUNICATION NETWORK**

1. Wireless Network of Police Department.

2. Wireless Network of Irrigation Department.
3. PTCL Network.

### **DISTRICT RELIEF COMMITTEE**

The Government of Sindh has constitute a committee vide Notification  
No.SO(C-IV)/SGA&CD/09 (86)/06(P-III) dated 7.8.2008

### **TALUKA WISE RELIEF CAMPS**

<b>Name of Taluka</b>	<b>Name of Relief Camps</b>
City Relief Camps (6)	1. Government College Kali Mori Hyderabad.
	2. Government College for Boys Pretabad.
	3. Government High School Sir Ghulam Hussain Hidayatullah Pucca Qila Hyderabad.
	4. Government Noor Muhammad High School.
	5. Government Girls College Bakra Mandi
	6. Government City College Hyderabad
Latifabad Relief Camps (18)	7. Government Comprehensive Boys School Unit No.10
	8. Government Shaheed-e-Millat School Latifabad.
	9. Government Roh-e-Islam School Unit No.4 Latifabad.
	10. Government Iqra High School Hali Road Hyderabad
	11. Government High School Unit No.7
	12. Syed Qutub Ali Shah Middle School Hussainabad Hyderabad
	13. H.D.A Office Kohsar Ganjo Takkar
	14. Mono Technical College Kohsar Latifabad.

	15. Shah Latif Girls College Unit No.6 Latifabad
	16. Public School Unit No.3 Latifabad
	17. Allama Iqbal Boys High School Unit No.2 Latifabad
	18. Government Girls High School G.O.R Colony Hyderabad
	19. Government Degree College Unit No.11 Latifabad
	20. Government Boys High School Unit No.12 Latifabad
	21. Government Islamic Qadria Primary School
	22.Social Welfare High School Near Customs House Latifabad.
	23. Raees Khan Muhammad School Tando Yousif Latifabad.
	24. Government Primary Adal Noonari School
Qasimabad Relief Camps (4)	25. Government Girls High School Qasimabad
	26.Government Girls High School Old Wahdat Colony Qasimabad
	27. Government Primary School Noor Khan Chang Village Deh Shah Bukhari Qasimabad
Taluka Hyderabad Relief Camps (7)	28. Government High School Village Hatri
	29. Government Primary School Village Hatri.
	30. Government Primary School Talib-ul-Moula Colony.
	31. Government High School Village Bhindo Sharif
	32. Government Boys Middle School Deh Abri
	33.Government Primary School Village Gul muh Jakhro
	34. Government Boys High School Village Moosa Khatian
	35. Relief Camp at Village Jaro Babar Deh Boochki Tando Hyder.

These relief camps will be managed in such away that emergent relief goods in shape of food, shelter and medical treatment is available in these camps. Similar measures will be taken in rain-affected areas. The Relief Department will provide the funds to meet the financial requirements. Government Vehicles will be requisitioned in the event of need for patrolling and monitoring the situation. The commercial transport will be hired in the event of emergency for shifting of affectees. The District Food Controller will bound down the staff of Food Department and food stuff dealers to make available the sufficient quantity of stock available with them which could be utilized at the time of need. The Executive District Officer (Health)/Medical Superintendent LUM Hyderabad will provide medical cover by establishing medical camps and constitute medical mobile teams who will coordinate with the D.D.Os/Mukhtiarkars of Hyderabad District for the purpose. The Assistant Director Social Welfare Hyderabad will depute officers of social welfare Department alongwith their staff members to extend their cooperation in the above relief camps. The District Police Officer Hyderabad will make necessary security arrangements and the Education department will ensure availability of school buildings for lodging of the affectees at the time of need.

### **FOOD ARRANGEMENTS**

As soon as emergency situation arises, Relief Camps will be activated by the EDO (Revenue) Hyderabad and EDO (Community Development) Hyderabad would contact pre-selected and pre-identified NGOs and Philanthropists for supply of essential commodities including cloths, sleeping blankets and edibles/food stuff for the inmates of Relief Camps.

The Relief Department Sindh would initially provide Relief Bags/Ration containing Flour, Rice, Sugar, Tea Packets, Dry Milk and pulses for 3 days. Subsequently, the arrangement will continue till peoples are resettled.

### **MEDICAL SUPPORT**

The Health Department will provide medical cover during flood/rain in District Hyderabad in the following Health Units as well as in Relief Camps. The Mobile Teams constituted would pay frequent visits to remote areas. All the requisite medicines would be provided by the Health Department in any emergency.

### **BASIC HEALTH UNIT**

1. BHU Liaquat Colony
2. BHU Latifabad Unit No.11.
3. BHU Latifabad Unit No.10
4. BHU American Quarter Taluka Latifabad.
5. BHU Hali Road Taluka Latifabad.

6. BHU Machi Para, Taluka Latifabad.
7. BHU Darya Baig Mughal, Hyderabad Rural.
8. BHU Hatri, Hyderabad Rural.
9. BHU A.M Kazi Village, Hyderabad Rural.
10. BHU Moosa Khatiyani, Hyderabad Rural.
11. BHU Bhawal Zour, Hyderabad Rural.
12. BHU Tando Qaiser, Hyderabad Rural.
13. BHU T.Fazal, Hyderabad Rural.
14. BHU Sono Khan Almani, Hyderabad Rural.
15. BHU Jhando Narejo, Hyderabad Rural.
16. BHU Nooria Sharif, Hyderabad Rural.
17. BHU Mir Allah Bux Talpur, Hyderabad Rural.
18. BHU Masu Bhurgri, Hyderabad Rural.
19. BHU Khesana Mori, Hyderabad Rural.

### **RURAL HEALTH UNIT**

1. RHC Tando Jam, Hyderabad Rural.
2. RHC Husri, Hyderabad Rural.

### **MAJOR HOSPITALS OF HYDERABAD**

1. Civil Hospital Hyderabad.
2. Sir C.J Institute of Psychiatry Hyderabad.
3. Shah Bhitai Government Hospital Latifabad.
4. CDF Hospital Hyderabad.
5. Government Hospital Pretabad.
6. Government Hospital Phuleli.



7. Government Hospital Qasimabad.
8. Government Hospital Kohsar Latifabad.

**IMPORTANT TELEPHONE NUMBER**

<b>Sr. No.</b>	<b>Name of office</b>	<b>Office</b>	<b>Resident/Cell No.</b>
1	Senior Member, Board of Revenue Sindh.	9200553	9202630 9206363
2	Zila Nazim, Hyderabad.	9200709	9260108 3868149
3	District Coordination Officer Hyderabad.	9200112-13	9200115-16
4	Executive District Officer (Revenue) Hyderabad.	9200976-244	Fax 9200245
5	Additional Relief Commissioner Sindh.	9200569	
6	District Officer (Revenue) Hyderabad.	9200568	9200635
7	Executive District Officer Health Hyderabad	9200740	
8	Medical Superintendent, LMU Hospital Hyderabad.	9210207	-
9	Deputy District Officer (Revenue) City.	9200221	-
10	Deputy District Officer (Revenue) Latifabad.	9260443	-
11	Deputy District Officer (Rev) Qasimabad.	92001152	-
12	Deputy District Officer (Revenue) Taluka Hyderabad.	9200609	-
13	Taluka Nazim City Hyderabad.	9210071	-
14	Taluka Nazim Latifabad.	9260109 9260110	0333-3543754 0300-9379456
15	Taluka Nazim Qasimabad.	9240048	2617080 0300-3794410
16	Taluka Nazim Taluka Hyderabad	9200708	2780888 0333-2646564
17	Mukhtiarkar (Revenue) City	9200228	0334-9200228

18	Mukhtiarkar (Revenue) Latifabad	9260445	0300-9376688
19	Mukhtiarkar (Revenue) Qasimabad	9200679	0300-9318695
20	Mukhtiarkar (Revenue) Taluka Hyderabad.	9200479	0300-8373199
21	Taluka Municipal Officer, TMA City.	9210193	3860583 0333-2613810
22	Taluka Municipal Officer, TMA Latifabad	9260414	9260433 0333-2607455
23	Taluka Municipal Officer, TMA Qasimabad	9240049	0333-2600899
24	Taluka Municipal Officer, TMA Taluka Hyderabad.	9200975	0333-2602351

# **CIVIL DEFENCE OFFICE HYDERABAD-SINDH.**

## **CIVIL DEFENCE RAIN / FLOOD EMERGENCY HANDLING SCHEME.**

### **1. INTRODUCTION.**

Every year, most of the areas of Sindh province including District Hyderabad are expected to witness heavy monsoon rains / floods causing heavy loss of life and property besides causing huge damage to crops, live stock and houses.

The issue of taking pre-emergency protective measures, mid emergency remedial measures and post emergency relief and rehabilitation measures, infact, requires little fore thought on the part of Government functionaries as well as proper planning to tide over such situations.

### **2. OBJECT.**

The object of preparing this scheme is to,

- tide over the rain / flood emergency situations effectively by applying the aforesaid measures.
- minimize the loss of life and property / crops and live stock etc.

### 3. **METHODS.**

The following methods will require to be adopted for achieving the aforesaid objectives.

**Continued on P/02...**

-: 02 :-

- a) Pre-Emergency Measures.  
(Preventive and Precautionary Measures)
  
- b) Mid-Emergency Measures.  
(Remedial Measures)
  
- c) Post-Emergency Measures.  
(Relief and Rehabilitation Measures)

### 4. **RESPONSIBILITIES.**

Relief Department / Irrigation Department / Revenue Department / Police Department / Health Department / TMA(s) / Information Department and other concerned quarters would join hands in adopting the aforesaid Pre- Mid and Post Emergency Measures.

**a) Pre-Emergency Measures.**  
**(Preventive and Precautionary Measures)**

- Arrangements for the flood warning.
- Launching campaign through printed/electronic media so as to educate them and to made them to evacuate to the pre-determined safer areas.
- Timely evacuation of the masses from likely flood hit areas especially from the low lying areas.
- Dredging/deslitation of the canals/reveries.
- Escape channels/diversions.

**Continued on P/03...**

**-: 03 :-**

- Protective work on bunds and their regular surveillance.
- Amelioration of the sewerage system.
- Provision/maintenance of suction machines for draining accumulated water.
- Seeking assistance of the Armed Forces if situation so warrants.
- Earmarking /declaration of the relief camps.
- Ensuring availability of the medicines especially life saving drugs so as to give medical cover to the flood effectives.

**NOTE:** *Services of the Civil Defence Volunteers can be acquired for the surveillance of bunds*

**b) Mid-Emergency Measures.**  
**(Remedial Measures)**

- Extrication/evacuation of the trapped persons.
- Transportation of injurds to the hospitals.
- Transportation of evacuated persons to the Relief Camps, already earmarked by the District Government.

**NOTE:** *Services of Civil Defence Volunteers can be acquired for extrication of trapped persons, rendering first aid to the injurds and for the distribution of relief goods/guard at the Relief Camps.*

**c) Post-Emergency Measures.**  
**(Relief and Rehabilitation Measures)**

- Care and feeding of rain/flood effectives at the Relief Camps.
- Salvage of property left behind by the rain/flood effectives.
- Drainage of rain/flood accumulated water.

**Continued on P/04...**

**-: 04 :-**

- Clearance of roads and streets.
- Repair and maintenance of essential services/material infra-structure.

- Repair of damaged buildings/infra-structure.
- Post emergency information service, enabling the masses to have an up to date/accurate information regarding extent of the damage of life and property to avoid panic/confusion due to rumours.

**NOTE:**        *Services of the Civil Defence Volunteers can be acquired for supplementing the efforts of remedial services in achieving the above tasks.*

## **5.     ROLE OF CIVIL DEFENCE IN RAIN/FLOOD EMERGENCY.**

The Civil Defence Department is a functional unit of the coordination department of the District Government Hyderabad. The department has no force/resources of its own. It has to pool up the resources available with the other Government departments/Non-Government Organizations (NGOs); it has to play a coordinating role with the relevant quarters in conducting the aforesaid relief operations. Civil Defence Volunteers, off-course, supplement the efforts of remedial services during rescue and relief operations.

**(NAJEEB ABBASI)  
ADDITIONAL CONTROLLER  
CIVIL DEFENCE  
HYDERABAD.**

**NO. CDM-6(15)/2002.  
DISTRICT GOVERNMENT HYDERABAD  
OFFICE OF THE ADDITIONAL CONTROLLER  
CIVIL DEFENCE.**

Dated: July- 2009.

To,

The Deputy District Officer (Coord),  
DCO Secretariat,  
Hyderabad.

**SUBJECT: - MEETING REGARDING RAIN / FLOOD EMERGENCY  
COMPREHENSIVE CONTINGENCY PLAN FOR THE YEAR-  
2009.**

With reference to your Memo No. 129-DDO (Estt:/HRM) /  
2009/-802, dated: 26-05-2009, furnished herewith the requisite Civil Defence  
Scheme for handling Rain / Flood emergencies in the Hyderabad District for the  
kind perusal of your honour and issuing necessary directives to all concerned.

**(NAJEEB ABBASI)  
ADDITIONAL CONTROLLER**



**CIVIL DEFENCE  
HYDERABAD.**

C. C. to

The District Coordination Officer / Controller, Civil Defence  
Hyderabad.

**(NAJEEB ABBASI)**  
***ADDITIONAL CONTROLLER***  
**CIVIL DEFENCE**  
**HYDERABAD.**



# WATER & SANITATION AGENCY

HYDERABAD DEVELOPMENT AUTHORITY

RAIN EMERGENCY PLAN  
HYDERABAD  
YEAR 2009

## CONTINGENCY PLAN FOR RAIN WATER DISPOSAL HYDERABAD

### GENERAL

The Water & Sanitation Agency (WASA), HDA is responsible for providing water supply and sewage disposal facilities within the jurisdiction of three urban TMAs of District Hyderabad i.e. Latifabad, Qasimabad and City. WASA is also responsible for disposal of rainwater in TMA Latifabad and Qasimabad within its jurisdiction. However Effandi Garden, Jacob Tank, Tulsidas, Barkat Bhai Town and Makrani Para Sewerage Pumping Stations cater for disposal of rainwater from West Katcha, East Katcha, City Centre and Defence area in addition to the existing drainage system of TMA City.

Rainwater can not be discharged through gravity in TMA Latifabad and Qasimabad due to topography of those areas and all the rainwater has to be pumped out alongwith sewage in rainy season.

### **COLLECTION AND DISPOSAL OF RAINWATER**

The whole city has been divided into three administrative zones for arrangement and monitoring of rainwater disposal viz. Latifabad, City & Qasimabad.

#### **a. Latifabad Zone :**

Latifabad consists of the areas of Unit No.1 to 12. The boundary line is Auto Bhan, G.T.C. Ground, Thandi Sarak and River Bund.

Main Control Room for Latifabad will be established at unit No.9 disposal pumping station and will be supervised by concerned Executive Engineer.

I. Unit No.1 Latifabad / G.O.R. Colony

The rainwater will be collected at Baban Shah Colony and Bengali Colony Pumping Stations and disposed of through drain upto Unit No.2 Pumping Station for ultimate disposal into Drain at Mir Khan Pumping Station along Auto Bhan to finally discharge into Phuleli Canal at Darya Khan Goth.

Part of rainwater from this area and Thandi Sarak will be collected and disposed off by Old State Bank pumping station.

II. Unit No.2

This is a low-lying area. The rainwater will be collected at Main disposal pumping station and will be disposed of into drain along Auto Bhan road and SSTP through newly laid rising main. 250 KVA Diesel generator is available as alternate power arrangement during breakdown.

III. Unit No.3

The rainwater of this area will be disposed off through Ld-I pumping station which pump water into SSTP.

IV. Unit No.4

Rainwater of unit No.4 is disposed off through Playground Pumping Station, Hashmi Colony pumping station and Ld-1 pumping station.

V. Unit No.5

Rainwater of unit no.5 will be disposed of through Jamia Masjid PS, Muhammadi PS and Ld-1 pumping station as well as Munawarabad pumping station. However additional pumping set will be installed at Munawarabad to provide immediate relief.

VI. Unit No.6

One pumping set is installed in Block-D. Other areas are connected with 27" dia egg shaped sewer thus the rainwater will find its way through the egg shaped sewer upto Main disposal unit no. 9

VII. Unit No.7

To ensure early disposal of rainwater, pump will be installed at Farooqi Masjid, Madina Masjid and Maaji Hospital.

VIII. Unit No.8

APWA School pumping station will be used for rainwater disposal to provide immediate relief. In addition to above existing pumping stations at Bagh-e-Mustafa will be utilized for rainwater disposal. Pumping sets will be installed at Pucca PS and Allah wali Masjid PS and near Fire Brigade for providing immediate relief.

IX. Unit No.9.

Main disposal pumping station at unit No.9 is receiving sewage through gravity sewers as well as by pumping at unit No.6,7, 9 and 10.

Temporary pumping stations at Saadat Colony and Mir Fazal Town will also be utilized for discharging rainwater.

X. Unit No.10.

Existing sewerage pumping stations will also be utilized for rainwater disposal in addition to Ld-I and Ld-4 pumping stations.

XI. Unit No.11

Existing sewerage pumping stations will be utilized for rainwater disposal. Main disposal pumping station will be made ready in all respect.

Alternate power arrangement has been made through installing 500 KVA diesel generator.

XII. Unit No.12.

The rainwater of the area will be collected through existing drain along Airport Road and will be disposed through Mir Khan pumping station. Additional pumping sets will be installed at Mir Khan Khadda for dewatering of accumulated rainwater in depressions.

## **b. City Hyderabad**

The drains are being maintained by TMA City whereas sewers are being maintained by HDA in City Zone. Since this zone is located on elevated ground, therefore the rainwater flows towards low-lying area of Latifabad by gravity. The drains of the area carry rainwater towards Phuleli Canal whereas sewers carry the rainwater towards different pumping stations of WASA, such as Effandi Garden, Makrani Para, Tulsidas and Barkat Bhai pumping stations. The drain running along Station Road and Tulsidas Road also dispose rainwater and sewage at Tulsidas and Makrani Para Pumping Station for ultimate disposal into Phuleli Canal at Darya Khan Goth.

Rainwater accumulated at Shah Makki road will be disposed off into Makrani Para pumping station by installing electric pump near railway crossing.

Rainwater of Pathan Colony, Sarfaraz Colony, Supari Compound, Police Headquarters, Gharibabad and Shami Lane will be collected at Jacob Tank for ultimate disposal into Phuleli.

Main Control Room for City will be established at Tulsidas Pumping Station and will be supervised by concerned Executive Engineer.

## **c. Qasimabad**

### WEST WADHUWAH

Rainwater will be collected and disposed of through Qasimabad Main disposal pumping station where 3 no. pumping sets with 7200 GPM discharge are available.

The main affected areas in this sector are Anwar Villaz, Abdullah Centre, Industries Colony, Naseem Nagar and HDA Bungalows, which will be catered through Sheedi Goth pumping station.

One 25 BHP pumping set will be installed to dispose off rainwater in the vicinity of Industries colony. 4 nos. diesel trolleys will be reserved for dewatering of rainwater of localities along River Indus Bund and Wahdat colony east.

### EAST WADHUWAH

Rain water of this sector will be collected at three main disposal stations and disposed off towards Jacob Tank i.e. Zeshan Pumping Station, Sajjad PS and Citizen PS.

The main affected areas in this sector are Marvi Town, Marvi Garden, Bhitai Town, Bhitai Nagar, HDA Bungalows, Gulshan-e-Bakhtawar, Happy Homes, and Hur Camp.

Above-mentioned Pumping Stations will be strengthened by adding one more pumping set at each of the pumping station.

One 15 BHP pumping set will be installed at Marvi Town. Also 20 BHP pumping set will be installed near 130 ft: wide road to dispose off rainwater from the areas of Naseem Deluxe, Ali Nagar, Gulshan-e-Bakhtawar, Prince Town and Muhammadi Town.

4 no. diesel trolleys will be placed at Qasimabad main disposal Pumping Station to deploy when and where required to drain out the accumulated water from depressions of this zone.

Main Control Room for Qasimabad area will be established in the office of the Executive Engineer, Qasimabad Sewerage (M) Division, HDA.

### THANDI SARAQ

Thandi Sarak area from State Bank Building upto Hussainabad underpass will be looked after by Executive Engineer and Asst. Executive Engineer (Mechanized Desilting Division) and rain water will be disposed of though Panhwar Goth pumping station and partly through Old State Bank PS. Pumps shall be installed at Hussainabad underpass.

### **STORM WATER DRAINS**

The storm water drain in unit No.11 and 12 and Auto Bhan are presently used for discharging sewage. Before start of rain, desilting will be carried out to enhance their capacity.

Nallah running along the Auto Bhan from Mir Khan Pumping Station upto Darya Khan Goth will be desilted before rains.

## **MAIN CONTROL CENTRE**

Main control center will be established in the office of Managing Director WASA at 3<sup>rd</sup> floor, Civic Center, Thandi Sarak Hyderabad and will function round the clock.

## **PUMPING STATIONS**

All pumping stations of WASA will be updated and pumping machinery will be made in good working condition.

## **SANITATION**

The Sanitation department of TMAs will look after the cleanliness of roads and open drains in their respective areas.

## **PUBLIC RELATIONS**

Public Relations Officer HDA will keep the press informed about the arrangements made as well as day to day progress of rainwater disposal from the areas falling under the control of WASA HDA.

## **ADMINISTRATIVE**

- Each Sector is responsible for efficient operation of pumping stations and quick disposal of rainwater within its jurisdiction.
- Each Sector will store sufficient quantity of POL and material needed for operation and maintenance of generators & pumps and cleaning of sewers.
- Each Sector will arrange proper and required staff for efficient operation of pumping machinery.
- Sectors will maintain the accounts of fuel and other material used separately.
- The Zone will be responsible for procuring and supplying any material required by sectors for which main store will be established at unit No.9 disposal.
- Sectors will make proper arrangements for drinking water food and other such necessities for pump operators and other staff required for efficient performance of duty.
- All the officers/officials on duty in each sector will inform the Incharge of the Zones or duty office clerk about the position of electric power and number of pumping sets in operation after every hour on telephone.



## **COMPLAINT REGISTER**

Zones and sectors will maintain the following registers:

- a. Complaint Register
- b. Inspection Register
- c. Log Book of Pumping Machinery in operation.

## **COORDINATION COMMITTEE**

Rain Emergency coordination meeting (if required) will be held under the chairmanship of Director General HDA whenever necessary to review the progress of operation and accord priorities. The dates will be intimated later on. The following officers will attend the meeting.

1. Director General HDA
2. Secretary HDA
3. Managing Director WASA
4. Executive Engineer Latifabad Sew (M) Division
5. Executive Engineer City W/S & Sew (M) Division
6. Executive Engineer Qasimabad Sew (M) Division
7. Public Relation Officer HDA.

Minutes of the meeting will be recorded by the Public Relation Officer HDA, who will inform the press about daily progress. Secretary HDA will be the Chief Co-Ordinator.

## **PURCHASE COMMITTEE**

Purchase Committee will be constituted for purchasing the material for Rain Emergency, comprising of the following Officers :

- |                                   |                   |
|-----------------------------------|-------------------|
| 1. Managing Director WASA         | Head of Committee |
| 2. Director Audit & Accounts HDA  | Member            |
| 3. Secretary HDA                  | Member            |
| 4. Executive Engineer (concerned) | Member            |
| 5. Director (F&C) WASA            | Member/Secretary  |

**TALUKA-WISE COMPLAINT CENTERS**

<b>S #</b>	<b>ZONE</b>	<b>AREA</b>	<b>LOCATION</b>	<b>INCHARGE</b>	<b>PHONE NO:</b>
<b>1</b>	<b>LATIFABAD Main Control Room</b>	Latifabad Unit No.1 to 12 Autobahn, Darya Khan Goth	Sewerage Disposal P/ Station Unit No.9.	XEN Latifabad Sewerage (M) Division	9260105
	Sector I	Unit No.1,2,3,4 & 7	Sewerage Disposal P/ Station Unit	A/XEN LSMSD/I	9260105
	Sector II	Unit No.5,6,9,10	Sewerage Disposal P/ Station Unit No.9.	A/XEN LSMSD/II	9260105
	Sector III	Unit No.8,11,12	Sewerage Disposal P/ Station Unit No.9.	A/XEN LSMSD/III	9260105
	Sector IV	Darya Khan Goth, Drains	Sewerage Disposal P/ Station Unit	A/XEN LSMSD/IV	9260105
<b>2</b>	<b>Qasimabad Main Control Room</b>	Qasimabad Zonal Plan	XEN Office HDA Building Qasimabad	XEN Qasimabad Sew (M) Divn:	9240043
	Sector I	East side of Wadhu wah	Water Supply PS Qasimabad	AEN East Wadhu wah S/Divn:	9240043
	Sector II	West side of Wadhu wah	AEN Office HDA Building Qasimabad	AEN West Wadhu wah S/Divn:	9240043
<b>3</b>	<b>CITY Main Control Room</b>	City, Jacob Tank, Makrani Para, Effandi Bagh, Cloth Market, Makki Shah Road.	Tulsidas P/Station	XEN City W/S & Sew (M) Division	9200199

	Sector I	Jacob Tank, Effandi Garden, Cloth Market.	Effandi Garden P/Station	A/XEN City Sew(M) S/Divn-I:	9200199
	Sector II	Pathan Colony, Station Road, Shah Makki Road, Qadam Gah, Gari Khata & Makrani Para.	Tulsidas P/Station	A/XEN City Sew(M) S/Divn-II:	9200199
	Sector III	Preetabad	Pd-1	A/XEN Pd-1 S/Divn:	9200199

## Main Control Rooms:

### District Govt. Call Center

1334

#### 1. CIVIC CENTRE, 3<sup>RD</sup> FLOOR, THANDI SARAK.

Phone Nos.

- i. Managing Director, WASA.....022-9200106
- ii. Executive Engineer Mr. Abrar Ahmed
- iii. Assistant Director Mr. Liaquat Shaikh
- iv. Technical Clerk Mr. Naveed Akhtar
- v. Complaint Clerk Mr. Tanveer Ahmed

#### 2. CITY ZONE

<u>Executive Engineer</u>	Mr. Muhammad Ali Baig	Off:: 0229200199	Mob:0300-9378518
Asstt. Ex. Engineer	Mr. Muhammad Ishtiaq	Off:: 0229200199	Mob:0333-2650947
Asstt. Ex. Engineer	Mr. Abdul Hameed	Off:: 0229200199	Mob:0300-3060142
Asstt. Ex. Engineer	Mr. Mehmood Qazmi	Off:: 0229200199	Mob:0332-2659545

#### 3. LATIFABAD ZONE.

<u>Executive Engineer</u>	Mr. Javed Qureshi	Off:0229260105	Mob:0306-3529987
Asstt. Ex. Engineer	Mr. Yamin Qureshi	Off:0229260105	Mob:0344-2614874
Asstt. Ex. Engineer	Mr. Aleem uddin	Off:0229260105	Mob:0321-3015425
Asstt. Ex. Engineer	Mr. Naeem Qureshi	Off:0229260105	Mob:0300-3047294

#### 4. QASIMABAD ZONE.

<u>Executive Engineer</u>	Mr. Abdul Qayoom Junejo	Off:0229240043	Mob:0300-9373765
Asstt. Ex. Engineer	Mr. Ashfaq Magsi	Off:0229240043	Mob: 0344-8343976
Asstt. Ex. Engineer	Mr. Qambar Burro	Off:0229240043	Mob: 0333-2941548

**DUTY ROSTER OF CLERKS DURING RAIN EMERGENCY**

	<b><u>DAYS</u></b>	<b>NAME OF DUTY CLERKS</b>	<b><u>DESIGNAT ION</u></b>	<b><u>T I M E</u></b>	
				<b>FROM</b>	<b>TO</b>
1	Monday	Abdul Rasheed Zulfiqar Ali	Sub-Accountant Jr. Clerk	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
2	Tuesday	Shahid Khan Naveed	Jr. Clerk - do -	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
3	Wednesday	Nouman Younus Khan	C/ Clerk Jr. Clerk	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
4	Thursday	Muhammad Rizwan Shahid Hussain	Sr. Clerk - do -	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
5	Friday	Ayaz Rasool S. Azhar Ali	H.D.M. Tracer	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
6	Saturday	Rahat Ali (SD-III) Touqir	A.S.D.C. W/Supervisor	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
7	Sunday	Nouman Amjad Danial	C/Clerk C/Clerk	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.

**QASIMABAD**

1	Monday	Habib Baig Zulfiqar Chandio	SDC Jr. Clerk	04.00 p.m. 11.00 p.m.	11.00 a.m. 09.00 a.m.
2	Tuesday	Zulfiqar Chandio Rahim Khoso	Jr. Clerk. W/Supervisor	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
3	Wednesday	Habib ul Haque Rahim Khoso	Sub Accountant W/Supervisor	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
4	Thursday	Habib Baig Rahim Khoso	SDC Jr. Clerk	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
5	Friday	Habib ul Haq Rahim Khoso	Sub Accountant W/Supervisor	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.
6	Saturday	Habib ul Haque Rahim Khoso	Sub Accountant W/Supervisor	04.00 p.m. 11.00 p.m.	11.00 p.m. 09.00 a.m.

## LIST OF PUMPING STATIONS

### **LATIFABAD**

#### **Unit No.1**

1. GOR Colony
2. Baban Shah
3. Old State Bank

#### **Unit No.2**

4. Main Disposal
5. Mehmoodabad

#### **Unit No.3**

6. Shareef Square

#### **Unit No.4**

7. Bhitai
8. Hashmi Colony
9. Playground PS
10. Ld-1

#### **Unit No.5**

11. Muhammadi
12. Munawarabad
13. Dr. Mehboob
14. Dr. Mehboob Residence

#### **Unit No.6**

15. D Block

#### **Unit No.7**

16. Madina P/Station
17. Farooqi P/Station

#### **Unit No.8**

18. Apwa School

19. Fire Brigade (Rain)

20. Pucca P/Station

21. Baghe Mustafa

**Unit No.9**

22. Main Disposal

23. Khadda PS

24. Saadat colony

25. Tando Mir Ghulam Hussain (Rain)

26. Mir Fazal Town

**Unit No.10**

27. Ever Shine School

28. Mustafa Colony

29. Sitara Colony

30. Pucca Market

31. Quaide Azam colony

32. Comprehensive School

**Unit No.11**

33. Main Disposal PS

34. Baralay colony

35. Mehran colony

36. Masjide Aqsa

37. Kutter machine

38. Moti Masjid

39. Urban Hospital

40. Allah Din PS

**Unit No.12**

41. Allah Wali Masjid

42. Jinnah Colony

43. Khuda Hafiz

44. Mir Khan
45. Darya Khan
46. Barkat Bhai Pumping Station

**CITY**

1. Makrani Para Pumping Station
2. Habib Hotel
3. Effandi Garden
4. P1 Pumping Station
5. Jacob Tank Pumping Station
6. Sultan Hotel
7. Pd-1
8. Pd-2

**QASIMABAD**

1. Qasimabad Main Disposal
2. Zeeshan Pumping Station
3. Citizen Colony
4. Gulistan-e-Sajjad
5. Muslim Society
6. Polytechnic College



## LOCATION OF LOW-LYING AREAS

### LATIFABAD

#### Unit No.1

1. GOR Colony
2. Bengali Colony
3. Baban Shah Colony

#### Unit No.2

1. Around Sewerage Disposal Pumping Station Unit No.2
2. Mumtaz Colony

#### Unit No.3

1. Near House No.100-A

#### Unit No.4

1. Neem Wali Gali
2. Around Garment Factory

#### Unit No.5

1. Munawarabad
2. D-Block
3. Tariq Colony

#### Unit No.7

1. Around Hani School
2. Around Farooqui Masjid

#### Unit No.8

1. Around Apwa school
2. F-Block
3. B-2
4. Fire Brigade

Unit No.9

1. B-Block
2. Tando Mir Ghulam Hussain

Unit No.10

1. Pacci Market
2. Christian Colony

Unit No.11

1. Around Bilal Masjid
2. E-Block
3. Near Hussaini Imam Bargah

Unit No.12

1. Feroz Colony

**QASIMABAD**

1. Marvi Town
2. Bhitai Town
3. Gulistane Sajjad
4. Anwer Villaz
5. Around Industrial Colony
6. Qasimabad Phase-II.
7. Sheedi Goth

**CITY**

1. Shah Makki Road
2. Graveyard Cantonment
3. Pathan Colony/Gharibabad
4. Cloth Market
5. Fakir Ka Pir
6. Hyder Chowk

PRIORITY WORKS FOR RAIN EMERGENCY

<u>S. No.</u>	<u>DECISION</u>	<u>ACTION BY</u>
1	Suction/delivery shall be replaced at Ld-2, Barkat Bhai pumping stations.	WASA
2	Gate at Tulsidas PS will be installed within week's time.	HDP
3	Tilt foundation of 200 BHP pump at Tulsidas PS be got replaced.	HDP
4	Construction of Boundary wall at Effandi PS be initiated.	HDP/WASA
5	Replacement of Suction/Delivery of 100/155/25 Pumps at Effandi PS	WASA
6	Foundation of pump at Jacob Tank PS be renovated.	WASA
7	Boundary wall at Jacob Tank PS	WASA
8	Extra 100 BHP pumping set to be arranged from Unit No.11 Disposal PS and fixed at P-1 PS Jail Site.	WASA
9	Batteries for Generators to be purchased to get them ready for operation.	WASA
10	Desilting of man lines in Latifabad and City at Qazi Abdul Qayoom Road, Homeopathic College below Qila to Memon Hospital.	Concerned XEN WASA
11	Work of Autobhan drain completed upto 2/3 <sup>rd</sup> . Remaining work to be expedited so that 30% extra flow of sewerage water can be arranged.	HDP
12	Alignment of Sheedi Goth PS delivery be adjusted so that disturbance to Qasimabad disposal may not occur.	HDP
13	Manhole covers be provided in all three talukas.	District Govt.
14	Madina PS be also looked for provision of Generator.	WASA
15	250 KVA generator be got repaired to install at Qasimabad disposal & two generators at Qasimabad Disposal & 1MGD PS be got repaired.	WASA
16	25 BHP pumping set be spared from Latifabad and provided for Pathan Goth.	WASA
17	Electrification system of Deeplai Memon PS be completed - energize it before rains.	HDP
18	Screening at Polytechnic college area be replaced.	HDP
19	Sewer line at Bhitai Town/Marvi Town to Hyundai Show room be replaced by HDA.	HDA
20	Diesel trolleys be got repaired and made available for emergency.	WASA

21	Rainwater disposal of Murshidabad area shall be look after with coordination & suggestion of Taluka Nazim, Latifabad.	WASA/TMA Latifabad
22	APWA School/ Pucca pump/Masjid pump be also checked & verified if required during monsoon.	WASA
23	Repair and tyres for Crane & Cess Pool tanker be arranged.	WASA
24	By filling of land for greenery on 150 ft: road, the manholes are covered, it should be raised.	WASA
25	5 BHP pumping set be got repaired to overcome situation in low-lying areas.	WASA

**ARRANGEMENTS MADE IN THE DRAINAGE SECTOR****A- LATIFABAD**

S #	PUMPING STATION	PUMPING CAPACITY 2007		PUMPING CAPACITY 2008		PUMPS
		NO. OF PUMPS	DISCHARGE (GPM)	NO. OF PUMPS	DISCHARGE (GPM)	
1	Unit No.2 Latifabad PS	5	8600	5	8600	5
2	Unit No.9 Latifabad PS	4	8000	5	8000	5
3	LD-1 Unit No.4 Latifabad PS	4	4500	6	6000	6
4	LD-2 Unit No.6 Latifabad PS	0	0	4	3000	4
5	Unit No.7 Latifabad PS	3	1500	4	2000	4
6	Unit No.10 Latifabad PS	5	4500	5	4500	5
7	Unit No.11 Latifabad PS	5	11000	6	13000	6
8	Hali Road PS	4	6000	6	13000	6
9	Bangali Colony PS	3	2000	3	2000	3
10	APWA PS	4	6000	6	13000	6
11	Barkat Bhai PS	4	5400	5	6000	5
12	Pucky Market PS	4	2000	2	2000	2
13	Mir Khan PS	6	3500	6	3500	6
14	Makrani Para PS	2	3000	4	4000	4
15	Darya Khan PS	4	6200	4	6200	4
16	Ld-4 Unit No.10 (New PS)	0	0	3	5000	3
17	GTC Ground PS	1	1000	1	1000	1
18	Sub Way PS	2	1000	3	1500	3
	<b>Sub-Total :</b>	<b>60</b>	<b>74200</b>	<b>78</b>	<b>102300</b>	<b>78</b>
		<b>Say: 107 MGD</b>		<b>Say: 147 MGD</b>		<b>S</b>

**B- QASIMABAD**

S #	PUMPING STATION	PUMPING CAPACITY 2007		PUMPING CAPACITY 2008		PUMPS
		NO. OF PUMPS	DISCHARGE (GPM)	NO. OF PUMPS	DISCHARGE (GPM)	
1	Citizen Colony PS	2	2000	2	2000	2
2	Gulistan-e-Sajjad PS	3	4000	3	4000	3
3	Zeeshan PS	2	2000	2	2000	2

4	Qasimabad Disposal PS	3	7200	3	7200	3
5	Shoro Goth (New PS)	0	0	2	3500	2
6	Sheedi Village (New PS)	0	0	3	5000	3
7	Nasim Nagar Chowk (New PS)	1	500	1	500	1
14	Old State Bank PS	-	-	-	-	2
15	SRTC subway PS	-	-	-	-	2
16	Muhammadi Town PS	-	-	-	-	1
17	Naseem Delux PS	-	-	-	-	1

8	Deeplai Memon PS	2	1500	4	4500	3
9	Pathan Goth PS	-	-	1	500	1
10	Polytechnic College PS	1	500	2	1500	2
11	Bhitai Town PS	1	500	1	500	1
12	Marvi Town PS	1	500	1	500	1
13	Panhwar Goth PS	-	-	-	-	2

18	Karan Shoro Goth PS	-	-	-	-	2
19	Bhitai Pump (temp)	-	-	-	-	1
20	Anwar Villaz	-	-	-	-	1
21	Abdullah Town PS	-	-	-	-	1
22	Al Shahbaz Colony PS	-	-	-	-	1
	<b>Sub-Total :</b>	<b>16</b>	<b>18700</b>	<b>25</b>	<b>31700</b>	<b>38</b>
		<b>Say: 27 MGD</b>		<b>Say: 46 MGD</b>		<b>Say:</b>

### C- CITY

S #	PUMPING STATION	PUMPING CAPACITY 2007		PUMPING CAPACITY 2008		PUM
		NO. OF PUMPS	DISCHARGE (GPM)	NO. OF PUMPS	DISCHARGE (GPM)	
1	Rehman Town (Pd-1) PS	4	6500	4	6500	4
2	Hashmat Bano (Pd-2) PS	3	2200	3	3000	2
3	P-I pumping station	-	-	-	-	1
4	Khursheed Town PS	-	-	-	-	2
5	Effandi Town Pakistani Chowk PS	3	5700	3	5700	3
6	Jacob Tank PS	3	6000	3	6000	3
7	Tulsidas PS	-	-	6	13000	2
8	Qadam Gah PS	-	-	-	-	1
9	Habib Hotel	-	-	-	-	1
10	Makki Shah PS	-	-	-	-	1
	<b>Sub-Total :</b>	<b>13</b>	<b>20400</b>	<b>19</b>	<b>34200</b>	<b>20</b>
		<b>Say: 29 MGD</b>		<b>Say: 49 MGD</b>		
	<b>G. Total :</b>	<b>163 MGD</b>		<b>242 MGD</b>		

### Details of Transformers / Generators (Pumping Stations Wise)

#### A- LATIFABAD

S #	PUMPING STATION	Transformers	Generators
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		<b>KVA</b>	<b>KVA</b>
1	Unit No.2 Latifabad PS	2 x 200	200
2	Unit No.9 Latifabad PS	630	350
3	LD-1 Unit No.4 Latifabad PS	200	250
4	LD-2 Unit No.6 Latifabad PS	100	100
5	Unit No.11 Latifabad PS	630	500
6	APWA PS	Public	100
7	Barkat Bhai PS	400	250
8	Mir Khan PS	1 x 200 1 x 100	100
9	Makrani Para PS	2 x 200	250
10	Darya Khan PS	630	500
11	Sub Way PS	400	250
12	Sub Way PS	100	125

### **B- QASIMABAD**

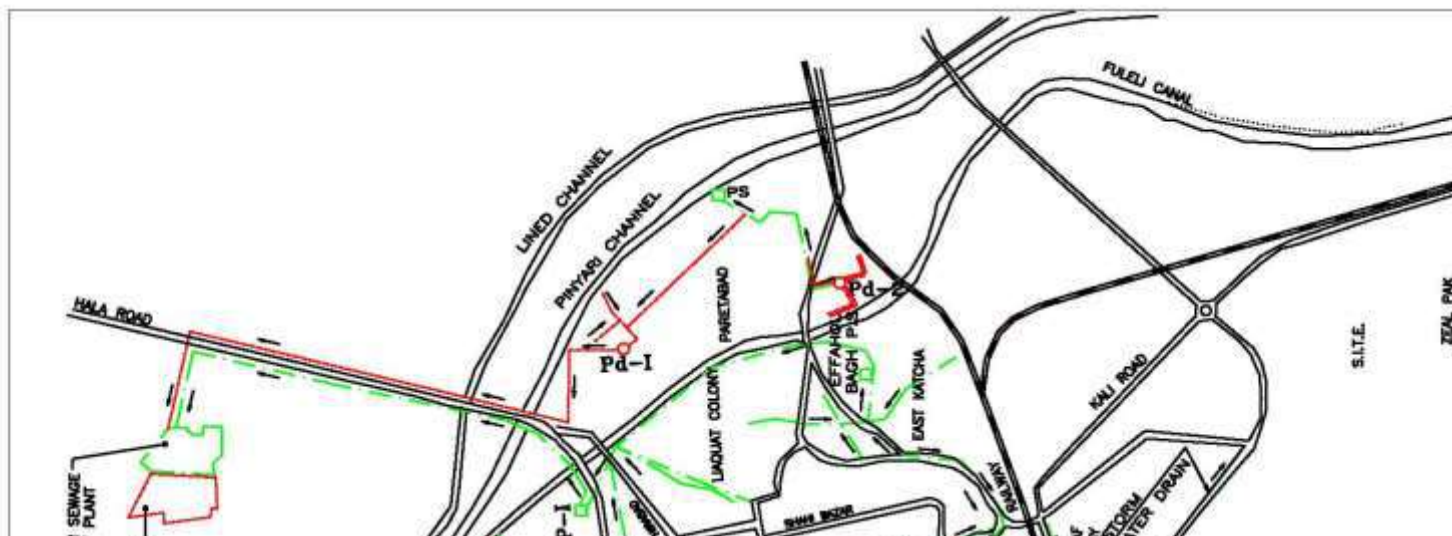
<b>S #</b>	<b>PUMPING STATION</b>	<b>Transformers KVA</b>	<b>Generators KVA</b>
1	Citizen Colony PS	100	50
2	Gulistan-e-Sajjad PS	200	50
3	Zeeshan PS	100	50
4	Qasimabad Disposal PS	2 x 200	135
5	Shoro Goth (New PS)	200	-
6	Sheedi Village (New PS)	400	400
7	Panhanwar Goth PS	Public	35



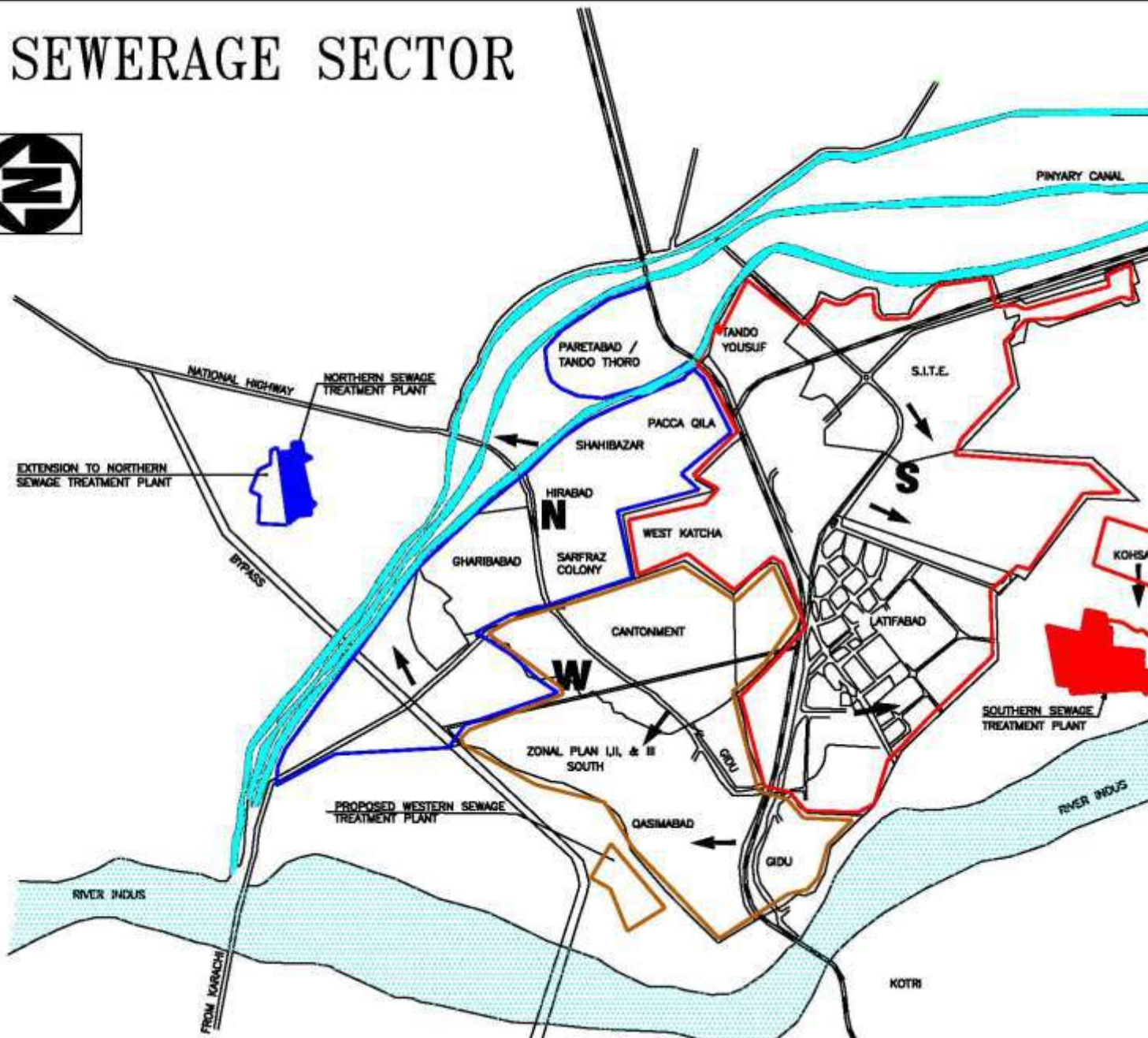
8	STRC Sub way PS	Public	35
9	Old State Bank PS	Public	Required

**C- CITY**

S #	PUMPING STATION	Transformers KVA	Generators KVA
1	Rehman Town (Pd-1) PS	750	400
2	Hashmat Bano (Pd-2) PS	200	135
3	P-I Pumping Station	400	-
4	Khursheed Town PS	Public	-
5	Effandi Town Pakistani Chowk PS	200	250
6	Jacob Tank PS	200	250
7	Tulsidas PS	400	300
8	Qadam Gah	Public	-
9	Habib Hotal	Public	-
10	Makki Shah PS	Public	-

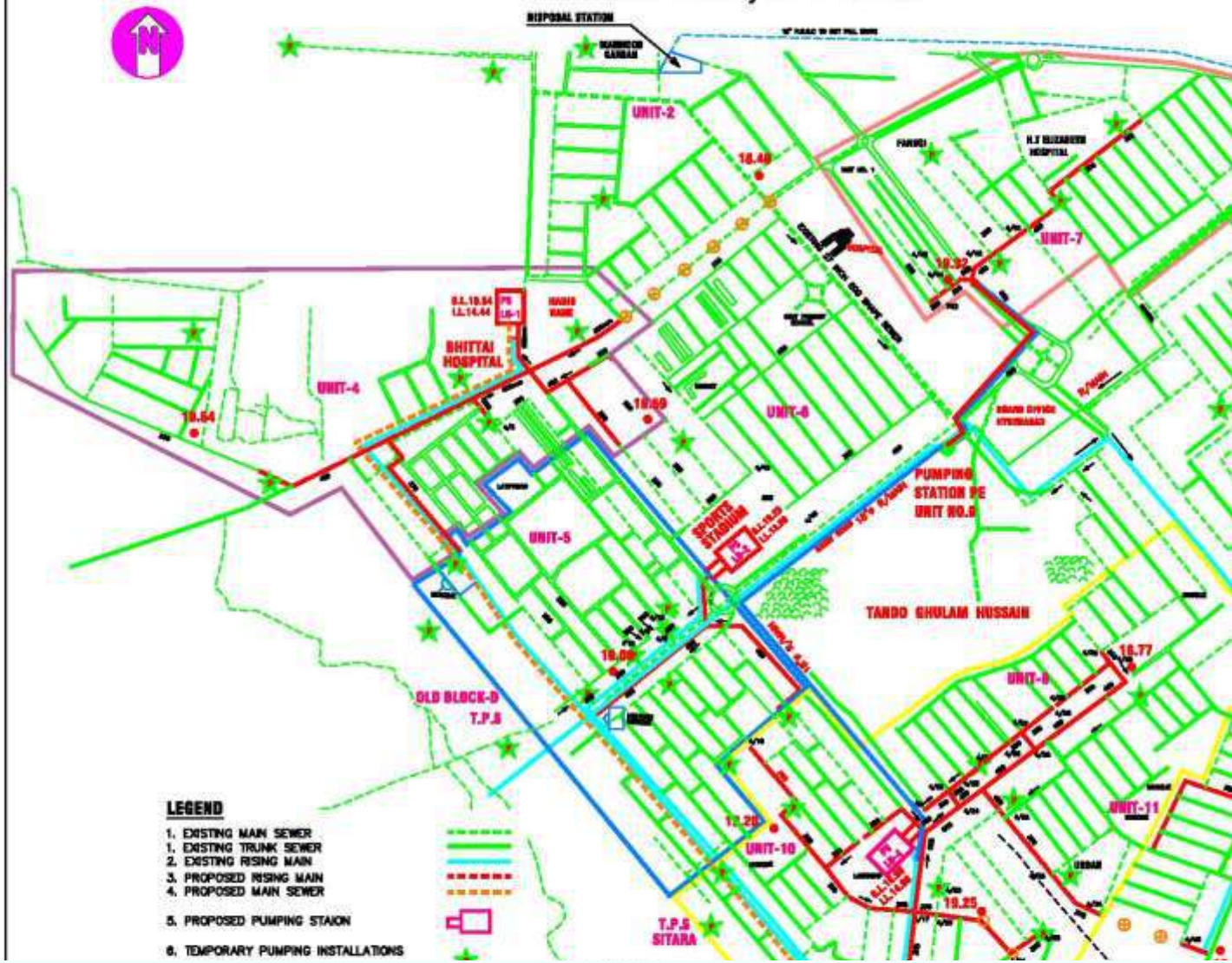


# SEWERAGE SECTOR





# EXISTING AND PROPOSED SEWERAGE SYSTEM LATIFABAD, HYDERABAD



## EXISTING & PROPOSED SEWERAGE SYSTEM IN PARETABAD



