

# DISTRICT DISASTER MANAGEMENT PLAN 2025

Division: SAHIWAL

District: OKARA



Head Sulemanki



Earthquake



Floods



Fire incident

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Approved by: Deputy Commissioner Okara



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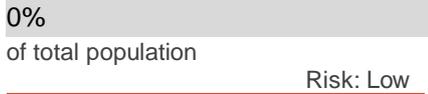
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# XX

Estimated number of people at risk of **hill torrent** in 2025



Risk: Low

# XX

Estimated number of people at risk of Floods in 2025



Risk: Low

# XX

Estimated number of people at risk of earthquake in 2025



Risk: Low

# XX

Estimated number of people at risk of epidemic in 2025



Risk: Low

## EXECUTIVE SUMMARY

Okara is susceptible to a variety of calamities but its geographical location and climatic conditions make it more vulnerable to the aftermath of Monsoon/ Floods.

Floods in the District cause loss of life, significant damages to the property, infrastructure and livelihood of people. The availability of resources, preparedness, planning and institutional / organizational capacity has always been an asset of District Okara. The purpose of this plan is to clarify the roles & responsibilities of different stakeholders / departments to introduce enhanced coordination for immediate response and fast rehabilitation process.

The plan classifies small, medium and large scale untoward situations for a well coordinated and articulated response strategy. The plan integrates the SOP's of various Government Departments to propose a consistent approach for reporting damages, need and assessment of post disaster requirements.

The plan has been designed on risk management standards for risk minimization. The plan identifies the environmental risks of the District and how these can be affectively managed.

## AIM AND OBJECTIVES

The plan aims to manage emergencies by putting in place requisite mitigation measures and a well-coordinated and integrated response at district level.

The main objectives of the plan include:

- To develop a plan of action for the District Disaster Management Authority and other district stakeholders to set priorities and provide directions for disaster management.
- To define the roles of various stakeholders in disaster management in all the phases; pre, during and after disaster.
- To raise awareness of stakeholders about disaster risks and the requirements for disaster management.
- To introduce coordination mechanism for immediate response and rehabilitation at district level.
- To enhance the effectiveness and timeliness of emergency response through the clarification of goals, strategies, roles and responsibilities.
- To strengthen response coordination between government departments and humanitarian organizations (UN agencies, I/NGOs).
- To develop the culture of prioritizing and adapting the risk safety measures amongst the society in the wake of any emergency.
- To inculcate the sense of preparedness among the residents of the district and train them to a certain degree of self help for a challenging situation.
- To devise policies and procedures to upgrade the safety kits, technical, human and material resources, in all the hazard prone areas of the district and lay out effective plan to the resource bank efficiency in times of disaster.
- To strengthen and upgrade the early warning system and communication channels to implement the directives of the help lines of all the operation centers.
- To develop synergy and harmonious interaction of all the stakeholders to develop an alarming front against any disaster like situation.
- To execute the preparedness agenda of drills and exercises on regular basis.
- To monitor and evaluate the inventory both qualitatively and quantitatively.
- To devise and activate chain of command and control centre for steering trigger mechanism.

# DISTRICT PROFILE

## Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population (Census 2023)	35,15,490
2.	No. of Tehsils	3
3.	No. of UCs	140
4.	No. of Revenue Estates	933
5.	Population Density (people per km <sup>2</sup> )	690
6.	Family Size	6.1
7.	Pop Growth Rate	1.63
8.	PCI	3356.5617
9.	District GDP/Annual Income	NA
10.	Poverty Rate	47.0
11.	Patient/Doctor Ratio	10 per day
12.	AMR	355
13.	IMR	7/1000
14.	MMR	109/100000
15.	Literacy Rate	57%
16.	Global Acute Malnutrition (GAM) rate	NA
17.	Severe Acute Malnutrition (SAM) rate	NA
18.	Percentage of population having access to clean drinking water	99%
19.	Annual Crime	32216 crimes reported in 2024

### Population (Census 2023)

Total	Male	Female	Transgender	Vulnerable People (PLWs, disabled, aged)
3515490	1779893	1676889	351	58357

Source/Note: Click here to enter text.

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks&Mortar)
613620	61120	552500

Source/Note: Click here to enter text.

### Area (in acres): 1081580

Total Area of District in Km <sup>2</sup>	Area under cultivation (Acres)	Cultivation in Settled Area (Acres)	Cultivation in Baid Area (Acres)
4377	833665	147816	5938

**Literacy Rate= 57%**

Overall Govt. Schools	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
1412	664	667	43	38	707	705

**Government Schools**

		Schools	Enrollment
<b>Total/Overall + Special Edu.</b>		1420	392577
<b>Boys</b>	Primary	480	67585
	Middle	79	26289
	High	141	90471
	Higher Sec.	7	7122
<b>Girls</b>	Primary	433	60597
	Middle	160	46403
	High	106	85492
	Higher Sec.	6	7329
<b>Co-Education</b>	Primary	0	0
	Middle	0	0
	High	0	0
<b>Special Education</b>	-	8	1289

**Private Schools**

		Schools	Enrollment
<b>Total/Overall</b>		984	176124
<b>Boys</b>	Primary	-	-
	Middle	326	63927
	High	149	20105
	Higher Sec.	17	706
<b>Girls</b>	Primary	-	-
	Middle	197	42425
	High	181	18720
	Higher Sec.	29	13105
<b>Co-Education</b>	Primary	85	17136
	Middle	-	-
	High	-	-
<b>Special Education</b>	-	-	-

Source/Note: Education Department

**Higher/Technical/Professional Education (Public & Private)**

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution Public	16	1	-	54	2	73
No of Students (public)	15663	22000	-	996	337	38996
No of Institutions Private	62	-	-	-	-	62
No of students (private)	19249	-	-	-	-	19249

**Health Facilities**

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	133	5	-	64	202
Annual OPDs	681799	1089807	-	240680	2012280
No of beds	374	545	-	130	1049
Doctors Available	151	342	-	125	618
Paramedical staff	699	113	-	256	1068
Ambulances available	-	-	-	11	11
<b>Mobile Medical Units</b>					09

**Livestock:** Small Animals (goats, sheep etc.):**370357**      Big Animals (cows, buffalos, camel etc.):**1163460**

**Main source of livelihood of the community?(In percentage)**

Agriculture	Livestock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skilled Labor	Unskilled Daily Labor	General Labor
54%	5%	1%	0.5%	10%	10%	0.5%	2.5%	1.5%	5%	10%

**Disaster History– Floods.**

Flood damages in this area have an old history which starts from the year 1955. During the year 1955, a heavy flood in River Ravi at Balloki Headworks was recorded as 204360 Cs. A big area and infrastructure was damaged in Okara and Renala Tehsils. Again in 1988, an unprecedented discharge of about 389345 cusecs in Ravi at Balloki Headworks caused heavy damages to human and livestock, crops and houses. The town of Renala Khurd and Basti Lal Shah were also affected due to breach in LBDC. Similarly during 1988, a peak flood of 399543 cusecs was experienced at River Satluj which caused damages to the river bed. No major floods have been experienced in district Okara since 1988.

**Disaster History – Other Disasters.**

Sr.	Year	No. of People Affected	No. of Deaths	No. of Revenue Estates Affected	Houses Damages (Partially)	Houses Damages (Fully)	Compensation Paid (Rs.)	Financial Impact (Including Infrastructure Damages)
1	2013	3224	-	108	10	-	1,95,000/-	-
2	2014	57	-	-	258	321	1,28,00,000/-	-
3	2015	7	7	-	-	-	35,00,000/-	-
4	2017	5	2	3	1	1	26,20,000/-	-
5	2019	12	3	1	-	1	-	-
6	2020	-	-	-	-	-	-	-
7	2021	22	16	-	2	-	1,12,00,000/-	-
8	2022	-	-	-	-	-	-	-
9	2023	-	3	-	-	-	-	-
10	2024	7	3	-	1	-	3,210,000/-	-

**General Information**

Particulars	Detail
Neighboring districts and their vulnerabilities	Sahiwal (Flood, Urban Flood) Pakpattan (Flood & Terrorist Attack)
Topographical Features	RIVER RAVI: (N) Approx length : 40 KMs Through Renala Khurd and Okara Tehsils RIVER SUTLEJ: (S) Approx length : 70 Kms Through Tehsil Depalpur
Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc. The climate of District is extreme in winter i.e very cold as Temp falls to 1°C while the summer is very hot as Temp rises to 47°C. Average annual rainfall is 468 mm per year as per MET Department Okara Statistics of last 8years. The wind storms are usually observed w.e.f. the month of April to the end of August every year.
Major Rivers	Name of river, passing through areas along with length in the district River Ravi runs 40 km in district through northern boundary in Tehsil Renala & Okara River Sutlej runs 70 km in district through Southern boundary in Tehsil Depalpur
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Old Sukh Beas River (Nullah) passess through District Okara having length of 60Km Lower Bari Doaab Canal passess through District Okara having length of 44.26Km
Motorway/Highway	Vulnerable points of motorway/highway 50.8Km National Highway (N5) passess through the District from Joriyan Pul to Okara Toll Plaza
Railways	Vulnerable points of Railway 40.8Km Railway Track passess through District from Joriyan Pul to Okara Toll Plaza
Geological features	e.g. fault line, mountainous areas etc.

**Dams (including small dams):**

- May please be treated as Nil

**Major Embankments/Bunds**

Name of Embankment	Length (Miles)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/ vulnerable Points	GPS Location of Critical/ Vulnerable Points	Remarks
Jandraka Flood Bund	18.05	Mazhar Abad Basti Kaisar / Okara	ThathaChannu / Okara	RD 75+000 to RD90+250	X30-18 to 31- 8 Y73-14 to 74- 9	Satisfactory
Upstream Left Guide Bank.	0.07	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.230391 Y 73.522747	Satisfactory
Upstream Right Guide Bank.	0.07	Suleimanki / Depalpur	Suleimanki / Depalpur	Nose of Right Guide Bund	X 30.231262 Y 73.521144	Satisfactory
Downstream Left Guide Bank.	0.20	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.222570 Y 73.520426	Satisfactory
Downstream Right Guide Bank.	0.20	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.223720 Y 73.514255	Satisfactory
Right Marginal Bund	12.60	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.313499Y 73.534781	Satisfactory
Station Spurs	1.20	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.234785 Y 73.522391	Satisfactory
Dharanga Spurs	2.31	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.251723 Y 73.521825	Satisfactory
Left Marginal Bund.	9.50	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.263888 Y 73.582568	Satisfactory
T.T. Bund	1.20	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.231053 Y 73.530777	Satisfactory
Jhangar Spurs.	0.74	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.231745 Y 73.542623	Satisfactory
New Hasta Spurs.	2.70	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.260620 Y 73.560696	Satisfactory
Suleimanki Spurs.	0.30	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.222874 Y 73.510658	Satisfactory
Malleki Spurs.	0.25	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.222719 Y73.485099	Satisfactory
Jodheki Spurs.	0.30	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.221986 Y 73.474728	Satisfactory
Sujeiki Spurs.	0.60	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.223562Y 73.464293	Satisfactory
Tulleki Spurs.	0.82	Suleimanki / Depalpur	Suleimanki / Depalpur	N/A	X 30.222984 Y 73.454089	Satisfactory
Ferozpur Flood Bund	5.73	Pakpattan	Pakpattan	N/A	X 30.1300 Y 73.1831	Satisfactory
New Mari Amb Flood Bund	3.20	Pakpattan	Pakpattan	N/A	X30-18 to 31- 8 Y73-14 to 74- 9	Satisfactory
Jamlera Flood Bund	8.30	Pakpattan	Pakpattan	N/A	X 30.230391 Y 73.522747	Satisfactory

## Breaching Section

Name of River	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population	Likely Affected Mouzas	Remarks
River Sutlej	Breaching Section at RD.18000 to 18500 of RMB	Mahmood Kot / Dharanga 575.00 30.420060 N, 73.837790 E	1121	Waso Salam Ka	When the water level attains the value of RL.575.0 River is rising at upstream nose of LGB or Discharge through the weir would be 3.25 Lac CS
			1300	Sujeke	
			898	Mallay Kay	
			921	Judheke	
			735	Dona Mathela Salam Ka	
			535	KutabSaru	
			315	Qila Bhagela	
			1300	Nathu Kay Abdal	
			325	Kund Sardar Propia	
			540	Walla Sheikhu Ka	
			920	Tali Jamal	
			950	SharinRohela	
			530	RakhAbdal kay	
			510	Abdal Kay	
			450	Daraz Kay	
			1600	Nama Jinde Ka	
			300	Kund Ameer Singh	
			1100	Qaim Jinde Ka	
			1325	RakhThakra	
			1112	MalluSheikhu Ka	
			750	Ezzat Kay Kala	
			1120	MoliaChisti	
			840	Noor Shah	
			1525	Mohib Ali Utaar	
			850	Ratte Kay	
			450	ChorMahtam	
			500	Sojan Singh Wala	
			560	Lalu Guddar	
			360	Chak Lalu	
			300	Mahar Sona	
			200	Mohammad Yar Chisti	
			220	GunjBukhsh Sani	
			320	Thakar Kay Manga	
			370	KundThakar Kay Jagvera	
			340	Dara	
320	Chak Dara				
150	Kandar Kay				
120	Jhangar				
1200	Pana Mahar				
750	Jamsher Mahar				
850	Ali Kay				
750	Dullay Kay Mahar				
620	Qasim Kay Mahar				
525	Nehal Mahar				
630	Ali Kay Rohela				
300	Moazzam				
350	MenayWali				

			630	Ali Kay Rohela	
			300	Moazzam	
			350	MenayWali	
			150	SattiaJhangar	
			480	Bhai Khan	
			150	GunjBukhshBodla	
			160	Ameera Tejay Ka	
			600	Thakar Kay Banda	
			5500	Dharanga	
			980	Nikki Maneki	
			1200	MehtabGarh	
			300	RakhBholewal	
			1100	Bholewal	
			1500	ChurraManeka	
			1183	Mahnant Darshan	
			1551	MathelaBhidai	
			738	BukanGuddar Ka	
			2829	Bhidai Uttar	
			200	Chak Devi Datta	
			335	RakhJawayaBlouch	
			933	Bula Chisti	
			915	Kalu Wah	
			833	Noor Shah	
			448	Wan Nama Jindeka	
			2763	Mohib Ali Uttar	
			8038	Pir Ghani	
			3365	39/Sp	
			3100	FridKot	
			709	RakhAbdal Ky	
			763	Izzat ky kala	
			965	MoliaChisti	
			523	Nama Jindeka	
			908	Billi Mar	
			818	ChakDogar	
			1500	Jalil Maneka	
			<b>77594</b>	<b>Total 79</b>	

**Power Houses/Grid Station/Oil Depot/other sensitive installations/Airport/Landing Strips/ Govt. storage facilities/warehouses in the district**

#### Detail of Grid Stations District Okara

Sr.	Tehsil	Name of Grid Station	Company
1	Okara	220KV Grid Station Okara New	NTDC
2		132KV Grid Station Okara City-I	LESCO
3		132KV Grid Station Okara City-II	LESCO
4		132KV Grid Station Okara Cantt	LESCO
5		132KV Grid Station Sadar Gogera	LESCO
6	Depalpur	132KV Grid Station Depalpur	LESCO
7		132KV Grid Station Haveli Lakha	LESCO
8		132KV Grid Station Baseer Pur	LESCO
9		132KV Grid Station Hujra Shah Muqeem	LESCO
10	Renala Khurd	132KV Grid Station Renala Khurd	LESCO
11		132KV Grid Station Daula Chuchak	LESCO

## Detail of Power Plant District Okara

Sr.	Tehsil	Name of Grid Station	Company
1	Renala Khurd	Hydel Power Station Renala Khurd	WAPDA

Note. Company means controlling authority

## List Of Industrial Entities, Airports/Land Strips, Oil Depot, Storage Facilities, Sensitive Installation Profile

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat-ment Plant	Mode / location
<b>Sugar Mills</b>								
1	Baba Fareed Sugar, Faisal Abad Road, Okara Mill	VC3V+JV / 30.854019, 73.445040	3500 -4000 Ton/day	Bagasse produced, used as fuel in boiler& brick kilns. Bottom Ash of boiler is being used for agricultural purposes	Temporarily stored within unit premises and finally used by farmers etc.	0.75	Primary	Local Drain
2	Abdullah Sugar Mills, Mirajabad, Hujra Chonian Road, Tehsil Depalpur	RVMC+F9 / 30.834131, 73.869133	7000-7500 Ton/day	-do-	-do-	1.2	Primary	Sukh Bias
<b>Feed Mills</b>								
1	Islamabad Feed Mill, Depalpur Road, 48/2L Okara	QG7Q+VV / 30.76413, 73.5399	40 Ton/day	120 Kg/day Bottom Ash of boiler is being used for agricultural purposes	-do-	0.1	No	Used for irrigation purpose in garden farm
2	Punjnand Feed Mill, 31/2L Stop Depalpur Road Okara	QH53+82 / 30.75826, 73.55188	35-40 ton/day	-do-	-do-	0.1	No	Classin drain
3	Kausar Feed Mills (pvt) 7Km Depalpur Okara Road Tehsil Depalpur	PHHX+3X / 30.72842, 73.59802	30-35 Ton/day	100 kg/day	-do-	0.08	No	For agricultural purposes
4	Waris Industry (Super Star) Feed Mills, Kot Waryam Depalpur	30.847476, 73.886160	05-10 Ton/day	60 Kg/day	-do-	0.04	No	TMA Depalpur Sewerage channel
5	JSK Feeds Ltd, Mouza Subhan Shah, Kasur Road Depalpur	30.710509, 73.690456	30-35 Ton/day	100 Kg/day	-do-	0.06	No	Discharge in irrigation channel

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
6	Salva Feed Mills (Pvt) Ltd, 10 KM Faisalabad road, OKara	30.87619, 73.41931	120 Ton/day	200 Kg/day	-do-	0.10	No	sukhrawa Drain.
7	Shareef Feed Mills Shergarh, Okara	30.836592, 73.728134	30 Ton/day	100 Kg/day	-do-	0.08	No	For agricultural purposes
8	Asia Poultry Feeds, 40/D Depalpur	PHX9+6W / 30.747738. 73.569076	40Ton/day	100Kg/day	-do-	0.06	-	-
<b>Chemical manufacturing unit</b>								
1	Ali Agro Chemicals, Mandiahmad Abad Depalpur	30.65784, 74.03133	-	5 kg/day	Handed over to local TMA	N/A	N/A	N/A
<b>Paper Mills</b>								
1	Lasani Paper Mills, 48/2.L Depalpur road Okara	30.85213, 73.54273	15-20 Ton/day	Bottom ash of boiler	Bottom Ash of boiler is being used for agri. purposes	2.0	No	Shahbore Drain
2	Fazal Paper Mills PVT Ltd, 10 KM Faisalabad road, OKara	30.87515, 073.42001	50 Ton/day	-do-	-do-	1.0	No	Sukhrawa Drain
<b>Small Scale Foundry</b>								
1	HaqBahooZara ee Moulding Shop (Foundry) At Baba Farid Super Market G.T Road Okara	30.808500, 73.45949	600 Kg/day	40 Kg/day	Local Dumping	N/A	N/A	N/A
2	Ameen Molding Industry, Baba Farid Super Market G.T Road Okara	30.80852, 73.45952	60 kg (copper)	16 kg/day	Local Dumping	N/A	N/A	N/A
3	Akram Zaraee Molding Shop (Foundry) At Baba Farid Super Market G.T Road Okara	30.80856, 73.45906	60 kg (copper)	16 kg/day	Local Dumping	N/A	N/A	N/A
4	Imran ZaraeeMoulding Shop (Foundry) At Baba Farid Super Market	30.80852, 73.45936	600 kg	40 kg/day	Local Dumping	N/A	N/A	N/A

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
	G.T Road Okara							
5	AsadMaqsood Foundry Sarwer Market, bus standOkara.	30.80979, 73.45771	400 kg/day	30 kg/day	Local Dumping	N/A	N/A	N/A
6	Ittfaq Foundry G.T Road, Okara	30.81331, 73.46211	350 kg/day	25 kg/day	Local Dumping	N/A	N/A	N/A
7	Mian Foundry. Located at 27/2L Road Okara	30.812309, 73.461121	800 kg/day	45 kg/day	Local Dumping	N/A	N/A	N/A
8	Rouf Foundry Bypass, Okara	30.826916, 73.501591	1-1.2 Ton/day	60 kg/day	Local Dumping	N/A	N/A	N/A
9	Noor Zaraee Moulding Sarwar Market, G.T Road Okara	30.81027, 73.045791	350 kg/day	30 kg/day	Local Dumping	N/A	N/A	N/A
10	Phalli Foundry G.T Road, Mohalla Chaudhary Colony District Okara	30.81388, 73.46367	600 kg/day	40 kg/day	Local Dumping	N/A	N/A	N/A
11	Nadeem Zaraee Moulding Shop Sarwar Super Market Bus Staind, Okara	30.81804, 73.4584	900 kg/day	50 kg/day	Local Dumping	N/A	N/A	N/A
12	Rasheed Ahmad Foundry. Safdar Ghafor Town, G.T Road Okara	30.811418, 73.462481	400 kg/day	35 kg/day	Local Dumping	N/A	N/A	N/A
<b>Textile Spinning Mills</b>								
1	Standard Spinning Mills Pvt Limited. Depalpur By-Pass, Tehsil Depalpur, District Okara	30.687555, 73.699213	550 bags of Yarn	60 kg/day	TMA Depalpur	N/A	N/A	-
<b>Rice Mills</b>								
1	Ahmad Shahi Rice Mill. Okara By- Pass, Near Depalpur Road, Tehsil & District Okara	30.791065, 73.490481	18 Ton/day	20 kg/day	Local Dumping	N/A	N/A	-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat-ment Plant	Mode / location
2	Ajmeri Rice Mills Bypass Okara Tehsil & District Okara	30.78539, 73.48298	36 Ton/day	360 kg/day (% of Rice husk used as fuel in boiler and finally ash produced. Rest % is being sold)	Temporarily stored within unit premises and finally used by farmers etc.	0.0143	No	Disposed of within premises
3	Al-Karam Rice Mills, Chorasta 38/D Tehsil Depalpur	30.84348, 73.52447	38 Ton/day	380 kg/day	-do-	0.0147	Nil	-do-
4	Al-Sharif Rice Mills Mauza Moudha 15 Km Depalpur Basirpur Road, Tehsil Depalpur	30.597044, 73.787044	39 Ton/day	390 kg/day	-do-	0.0148	Nil	-do-
5	Anwaar Rice Mills, Mauza Batak, Tehsil Depalpur Distt. Okara	30.538632, 73.824401	41 Ton/day	410 kg/day	-do-	0.0155	Nil	-do-
6	Baba Farid Rice Millsm Mouza Bakhsaywala, Basirpur Road Tehsil Depalpur District Okara	30.77735, 73.51605	36 Ton/day	360 kg/day	-do-	0.0147	Nil	-do-
7	Bilal Rice Mills, At 49/2-L, Depalpur Road, Distt. Okara	30.775432, 73.514961	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
8	Chaudhary Industries, 18 km Okara Depalpur Road District Okara.	30.525087, 73.558321	35 Ton/day	350 kg/day	-do-	0.0143	Nil	-do-
9	Faisal Rice Mills at 8.5 Km Depalpur-Basirpur Road, Tehsil Depalpur	30.624865, 73.740133	39 Ton/day	360 kg/day	-do-	0.0159	Nil	-do-
10	Mehmood Rice Mills, Pakpattan Road Amli	30.618519, 73.604689	37 Ton/day	370 kg/day	-do-	0.0151	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
	Motti Depalpur							
11	Faizan Rice Mills, 40/D 16 KM Okara – Depalpur Road Tehsil Depalpur	30.82343, 73.43045	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
12	Ghulam Ali Rice Mills, At 3 Km Depalpur Road, Distt. Okara	30.79352, 73.48954	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
13	Hafiz Rice Mills, Depalpur Road near bypass Okara	30.82161, 73.43495	31 Ton/day	310 kg/day	-do-	0.0127	Nil	-do-
14	Haji Ali Nawaz Rice Mills, at 51/2-L 4 Km Depalpur Road Distt. Okara	30.7894, 73.49455	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
15	Imran Rice Mills, 3 KM Depapur Road near bypass District Okara	30.79348, 73.49271	35 Ton/day	350 kg/day	-do-	0.0135	Nil	-do-
16	Ittifaq Rice Plant, 3 KM DepalpurRoad District Okara	30.790863, 73.491351	36 Ton/day	360 kg/day	-do-	0.0147	Nil	-do-
17	Karam Rice Mills, 7.5 Km Kasur Road Tehsil Depalpur	30.82073, 73.41359	31 Ton/day	310 kg/day	-do-	0.0127	Nil	-do-
18	Kusar Rice Mills, Okara Road Depalpur District Okara	30.746782, 73.568932	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
19	Lasani Rice Mills, 3 KM DepalpurRoad Tehsil Depalpur	30.70479, 73.62649	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
20	M. Hanif Rice Mills, 39/D Depalpur Road Okara	PHJR+WW/ 30.503217, 73.521389	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
21	M.Ejaz Rice Mills, 3 Km Depalpur Road near Bypass	30.79355, 73.48908	35 Ton/day	350 kg/day	-do-	0.0143	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat-ment Plant	Mode / location
	Okara							
22	Mukhtiar Rice Mills, Near Chowk Main Khan Depalpur, Basirpur Road Tehsil Depalpur	30.61865, 73.75659	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
23	Shah Nawaz Rice Mill, 49/2L Depalpur Road Okara	30.774418, 73.515154	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
24	New Taj Rice Mills, 31/2L Classian, Depalpur Road Okara	QG5X+BR / 30.748994, 73.552604	31 Ton/day	310 kg/day	-do-	0.0127	Nil	-do-
25	Umer Rice Mills, 1 Km Hujra Road Chorasta Mian Khan, Tehsil Depalpur	30.62815, 73.27074	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
26	Pak Rice Mills, 3 KM Depalpur Road Near bypass Okara	30.79354, 73.48881	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
27	Panjtan Pak Rice Mills, 29-30/2L near Classian Depalpur Road Okara	30.809378, 73.475757	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
28	Rana Basit Rice Mill, 3 KM Depalpur Road Okara	30.79543, 73.47962	40 Ton/day	400 kg/day	-do-	0.0163	Nil	-do-
29	Rice Packers, 3KM Depalpur Road near Bypass Okara	30.79351, 73.49124	37 Ton/day	370 kg/day	-do-	0.0151	Nil	-do-
30	Sahib Rice Mills, 3KM Lando Mander Depalpur Road Okara	30.79365, 73.49066	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
31	Sardar Rice Mill, 15 Km Depalpur Basirpur Road Thokar Gama Waghra Depalpur	30.59428, 73.8057	36 Ton/day	360 kg/day	-do-	0.0147	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat-ment Plant	Mode / location
	ur							
32	Sufi Mushtaq Rice Mills Depalpur Road Okara bypass Okara	30.78924, 73.49402	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
33	Umer Rice Mills, 3KM Depalpur Road Okara	30.792765, 73.490575	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
34	M. Yasin Rice Mills, 11-KM Depalpur Road, Okara	30.7587, 73.55013	35 Ton/day	350 kg/day	-do-	0.0143	Nil	-do-
35	Zafar Idris Rice & Processing Mills (Pvt), 12-KM Depalpur Road, Okara	GH27+V7 / 30.75189, 73.56337	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
36	Zam Zama Rice Mills, 14 Km BasirpurDepalpur Road, Tehsil Depalpur	30.59491, 73.80441	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
37	H.B Brother Rice Mill, Near 53/2L, Bypass Okara.	30.787128, 73.466533	28 Ton/day	280 kg/day	-do-	0.0114	Nil	-do-
38	Imran Rice Mills Pakpattan Road Amlı Motı Tehsil Depalpur	30.611354, 73.599850	31 Ton/day	310 kg/day	-do-	0.0127	Nil	-do-
39	Madina Rice Mills, Chak No.51/2-L, Depalpur Road	30.784303, 73.494294	36 Ton/day	360 kg/day	-do-	0.0147	Nil	-do-
40	Sarwar Industries Rice Mill, Chak No. 51/2L, Depalpur Road Okara	30.783178, 73.494895	32 Ton/day	320 kg/day	-do-	0.0131	Nil	-do-
41	Uhad Rice Mill, 29-30/2L, Classin Depalpur Road Okara	30.76829, 73.55329	29 Ton/day	290 kg/day	-do-	0.0118	Nil	-do-
42	Tawakal Rice Mills G.T, Road 55/2.L, Okara	30.8057, 73.4824	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat-ment Plant	Mode / location
43	Okara Rice Mills, By-pass, Chak No.51/2L, Okara	30.79303, 73.48655	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
44	Ittihad Rice Mills, By-pass Road, Okara	30.802072, 73.491419	28 Ton/day	280 kg/day	-do-	0.0114	Nil	-do-
45	Hafeez & Shafique Rice Mills, 3 km Lando Manner, Depalpur Road Okara	30.789871 73.491013	30 Ton/day	300 kg/day	-do-	0.0122	Nil	-do-
46	Madni Rice Mills, 3km Lando Manner, Depalpur Road Okara	30.797382, 73.491930	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
47	Sarfraz Rice Mill, By-pass Chak No. 51/2.L Okara	30.794193, 73.490128	32 Ton/day	320 kg/day	-do-	0.0131	Nil	-do-
48	Muqadas Rice Mill, 7 km Okara Road Depalpur	PHGX+PH / 30.726681, 73.598957	35 Ton/day	350 kg/day	-do-	0.0143	Nil	-do-
49	ZubaidaRehman Rice Mills, Chorasta 38/D, Okara Road Depalpur	.MJXJ+JR / 30.699215, 73.632044	31 Ton/day	310 kg/day	-do-	0.0127	Nil	-do-
50	Al-Zohra Rice Mills, Chak No. 49/2.L, Okara	30.783672, 73.510476	36 Ton/day	360 kg/day	-do-	0.0147	Nil	-do-
53	Rana Basit Rice Mills unit#II, 50/2.L, Road, opposite D.H.Q, south city Okara	30.788845, 73.480394	33 Ton/day	330 kg/day	-do-	0.0135	Nil	-do-
55	Ghazi Rice Mills, Head Sulimanki Road, HakomatGrah, Haveli Lakha	30.431550, 73.735175	39 Ton/day	390 kg/day	-do-	0.0159	Nil	-do-
56	Ahmad Rice Mill, Chak No. 33/2R, StagharaMor, Faisalabad Road Okara	30.84259, 073.44767	40 Tones/day	400 Kg/day	-do-	0.01	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
57	Al-Raheem Rice Mills, Chak No.12/1.AL Renala Khurd, Okara	30.8966, 73.63625	44 Tones/day	440 kg/day	-do-	0.01	Nil	-do-
58	Zam Zama Rice & processing Mills Near Chak No. 21/G.D, Faisalabad Road, Okara.	30.879822, 73.415854	60	600 kg/day	-do-	0.01	Nil	-do-
59	Al-Khair Rice Mills, Chak No, 12/1.AL Main Multan Road Tehsil Renala Khurd	30.90094, 73.64146	50	500 kg/day	-do-	0.01	Nil	-do-
60	Al-Kareem Rice Mills. ChakNo.12/1.A L, Renala Khurd	30.896406, 73.636435	44 Tones/day	220 kg/day	-do-	0.01	Nil	-do-
61	Ashiq Rice Shellers, 27 wala Road Chak No.13/1L Tehsil RenalaKhurd	30.809928, 73.530842	40	220 kg/day	-do-	0.01	Nil	-do-
62	Aziz Rice Mills Chunian Road ShergarhOkara	30.83307, 73.74671	35	200 kg/day	-do-	0.01	Nil	-do-
63	Data Rice Mills, KotTiba Near PTCL Exchange, MohallahMoha bbatBoota, Tehsil Depalpur	30.598550, 73.526491	30	200 kg/day	-do-	0.01	Nil	-do-
64	Fatima Rice Mills, Shergarh road, Chak No.2/1L, Renala Khurd	30.84505, 73.65598	30	200 kg/day	-do-	0.01	Nil	-do-
65	Karmanwala Rice Mill, Chak No.2/4L Okara	30.823747, 73.430712	30	200 kg/day	-do-	0.01	Nil	-do-
66	Malka Rice Mill Unit # 2, Chak No.32./2R Faisalabad Road,Okara	30.854928, 73.433789	30	200 kg/day	-do-	0.01	Nil	-do-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
67	Malik Rice Mills Shergarh Road near Awal Village, Depalpur	30.754793, 73.653987	30	200 kg/day			Nil	
68	Malka Rice Mills. 32/2.R Faisalabad Road Okara	30.857617, 73.435452	30	200 kg/day	-do-	0.01	Nil	-do-
69	Khusi Rice Mills Near Pakistani pull, Hujra Shah Muqem	30.750053, 73.789513	30	200 kg/day	-do-	0.01	Nil	-do-
70	Aadim G Rice Mills Near chak No.25/2L, RenalaKhurd	30.832871, 73.518105	50	230 kg/day	-do-	0.01	Nil	-do-
<b>Soap Factory</b>								
1	Sohail Soap Factory 54/2L, Okara	30.806118, 73.464574	165 kg/day	12 kg/day	Local dumping	N/A	-do-	
2	Sikandar Azeem Soap Factory, Chak No.26/2L, RenalaKhurd	30.819199, 73.517611	2000 Kg/day	20 kg/day	Local dumping	300 L/day	-do-	For irrigation etc.
3	Punjab Soap Factory, Shafee Block Sadique Nagar, Okara	30.796595, 73.451654	400 kg/day	8 kg/day	Local dumping	N.A.	N.A.	N.A.
<b>Foods</b>								
1	Mitchells Fruit Farms Limited, RenalaKhurd	30.875980, 73.582186	30 Tons/day	100 kg/day	Local dumping	0.10	installe d	Used for irrigation
<b>Ghee Mills</b>								
1	Salva Oil & General Industries Faisalabad Road Okara	30.876405, 73.418418	30 Tons/day	400kg/day	Local dumping	0.5	Primary	Sukhrawa Drain
2	Fatima Vegetable oil Mill, Faisalabad Road Okara	30.877630, 73.417034	25 Tons/day	350kg/day	Local dumping	0.5	Primary	Sukhrawa Drain
<b>LPG Plants</b>								
1	Perfect LPG Plant, 44/2.L, Okara	30.730023, 73.443086	-	-	-	-	-	-
2	Arsh LPG Plant Mustafaabad Shergarh Tehsil Depalpur	30.778004, 73.693304	-	-	-	-	-	-
3	Renala LPG	30.943872,	-	-	-	-	-	-

Sr	Name & Address Factory	GPS/plus Code	Production Capacity	Solid Waste		Liquid Waste		
				Gener-ation (Kg/day)	Mode / location	Gener-ation (Cusecs)	Treat- ment Plant	Mode / location
	Plant 17/1.A-L, Main G.T Raoad Renala Khurd	73.729031						
<b>Oil Depot</b>								
01	Under Army Control inside Cantt Okara							
<b>Air ports / Land strip</b>								
01	NA							

### Cold Storage/Ice Factories

1	Aamir Cold Storage GT Road Hazrat Karmanwala	30.824457, 73.484698	Cold Store	Store potatoes, and other food items.	Bad smell	NA	Open dumping
2	Adnan Cold Storage Pakpatan Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
3	Afzal Cold Storage Burj Ilyas khan Depalpur	30.667118, 73.682252	Cold Store	Store potatoes	Bad smell	NA	Open dumping
4	Akhtar Cold Storage Chak 40/3-R Noor Shah Road	30.821310, 73.376206	Cold Store	Store potatoes	Bad smell	NA	Open dumping
5	Al Farooq Cold Storage Railway Road Haveli Lakha		Cold Store	Store potatoes	Bad smell	NA	Open dumping
6	Al Noor Cold Storage Eid Gah Road Okara	30.809690, 73.439110	Cold Store	Store potatoes	Bad smell	NA	Open dumping
7	Al Noor Cold Storage Railway Road Haveli Lakha		Cold Store	Store potatoes	Bad smell	NA	Open dumping
8	Al Sadiq Cold Storage Chak No. 48/ 3R		Cold Store	Store potatoes	Bad smell	NA	Open dumping
9	Al Aqsa Cold Storage Haveli Lakha Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
10	Bao Khalid Cold Storage, Doula Pukhta, Haveli Road Depalpur	30.60753, 73.65724	Cold Store	Store potatoes	Bad smell	NA	Open dumping
11	Al Aziz Cold Storage Depalpur Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
12	Al Farooq Cold Storage GT Road Karman Wala Okara	30.823521, 73.484838	Cold Store	Store potatoes	Bad smell	NA	Open dumping
13	Ali bros. Cold Storage Chak No.53/2L Depalpur Road	30.803399, 73.465231	Cold Store	Store potatoes	Bad smell	NA	Open dumping
14	Ali Cold Storage Chak No. 41/3R niami Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
15	Ali Cold Storage Pakpatan Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
16	Ali Siddique Cold Storage Chak No. 48/3R		Cold Store	Store potatoes	Bad smell	NA	Open dumping
17	Al Karim Cold Storage Akbar Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
18	Al Mujahid Cold Storage GT Road Okara	30.799324, 73.458472	Cold Store	Store potatoes	Bad smell	NA	Open dumping
19	Al Noor Cold Storage Chak No. 39/3R, Akbar Road	30.820094, 73.396518	Cold Store	Store potatoes	Bad smell	NA	Open dumping
20	Al Rehmat Cold Storage		Cold	Store potatoes	Bad	NA	Open

	Chak No.38D Depalpur Road		Store		smell		dumping
21	Al Waheed Cold Storage Pakpatan Road near sukh pur Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
22	Asghar Anwar Cold Storage Akber Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
23	Awami Cold Storage Gogera Road Okara.	30.839117, 73.448476	Cold Store	Store potatoes	Bad smell	NA	Open dumping
24	Awami Cold Storage Subhan Shah Kasur Road Depalpur	30.707380, 73.726096	Cold Store	Store potatoes	Bad smell	NA	Open dumping
25	Awan Cold Storage 2km, Depalpur Road Wasaway wala, Haveli Lakha		Cold Store	Store potatoes	Bad smell	NA	Open dumping
26	Baba Farid Cold Storage Amla Moti Pakpatan Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
27	Bhatti Cold Storage Chak No. 24/GD Faisalabad Road	30.894507, 73.396570	Cold Store	Store potatoes	Bad smell	NA	Open dumping
28	Bismillah Cold Storage Chak Moda Sahba, Basirpur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
29	Bismillah Cold Storage Chak No.38D, Okara Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
30	Bismillah Cold Storage Mouza Pir Di Hatti, Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
31	Bismillah Cold Storage Pakpatan Road Haveli Lakha		Cold Store	Store potatoes	Bad smell	NA	Open dumping
32	Ch Farooq Cold Storage GT Road, Hazrat Karmanwala		Cold Store	Store potatoes	Bad smell	NA	Open dumping
33	S.M Cold Storage, 35/2.R, Okara	30.83134, 73.44515	Cold Store	Store potatoes	Bad smell	NA	Open dumping
34	Ehsan Cold Storage Faisalabad Road Okara	30.825624, 73.451756	Cold Store	Store potatoes	Bad smell	NA	Open dumping
35	Faisal Cold Storage 48/3R Okara	30.820478, 73.329274	Cold Store	Store potatoes	Bad smell	NA	Open dumping
36	Fateh Sardar Cold Storage Chak No. 43/3R		Cold Store	Store potatoes	Bad smell	NA	Open dumping
37	Fazal Cold Storage Chak No. 43/3R Noor Shah Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
38	Gujjer Cold Storage Kasur Road Chak Shirin Muaafi Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
39	Hafeez Cold Storage 4km, Depalpur Road Okara	30.789808, 73.491123	Cold Store	Store potatoes	Bad smell	NA	Open dumping
40	Adda Salawal kasur Road Hujra Shah Muqeem		Cold Store	Store potatoes	Bad smell	NA	Open dumping
41	Haji Ehsan Ul Haq Cold Storage Faisalabad Road Okara	30.825608, 73.451768	Cold Store	Store potatoes	Bad smell	NA	Open dumping
42	Haji Muhammad Ismaeel Cold Storage 30/3R Akbar Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
43	Haji Muhammad Hanif, M.		Cold	Store potatoes	Bad	NA	Open

	Tufail Cold Storage Akbar Road Okara		Store		smell		dumping
44	Haji Muhammad Shafi Cold Storage Depalpur Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
45	Hussain Mehmood Cold Storage Rata Khana Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
46	Humayoon Cold Storage Basirpur Road, Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
47	Hussain Cold Storage 47/D Sharifwala Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
48	Ibrahim & Sons Cold Storage Adda Sahloke Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
49	Ilyas Cold Storage Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
50	Israr Industries and Cold Storage Lalazar colony Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
51	Ittifaq Cold Storage Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
52	Karmanwala Cold Storage 3 km, Okara Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
53	Kausar Cold Storage and Oil mills Gogera Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
54	Khalid Brothers Cold Storage Hazrat Karmanwala, GT Road Okara	30.824180, 73.484235	Cold Store	Store potatoes	Bad smell	NA	Open dumping
55	Khalid Cold Storage Basirpur Road Depalpur	30.664844, 73.659075	Cold Store	Store potatoes	Bad smell	NA	Open dumping
56	Khalid Cold Storage near Hanif rice Mill depalpur Okara	30.729804, 73.594211	Cold Store	Store potatoes	Bad smell	NA	Open dumping
57	Khalid Cold Storage Renala Khurd		Cold Store	Store potatoes	Bad smell	NA	Open dumping
58	Khalid Ice & cold Storage Basirpur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
59	Khalil Cold Storage Akbar Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
60	Khaliq Cold Storage Akbar Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
61	Khan Cold Storage Mian Colony Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
62	Khuram Cold Storage Depalpur Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
63	Mano ice and Cold Storage 3 Akbar Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
64	Macca Cold Storage Faridkot Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
65	Madina Cold Storage Sabzi Mandi Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
66	Madina Cold Storage Shirin Mafi, Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
67	Malik Ghulam Farid Cold		Cold	Store potatoes	Bad	NA	Open

	Storage Near Game Shah Haveli.		Store		smell		dumping
68	Manzoor Elahi Cold Storage Railway Road Haveli Lakha	30.450559, 73.688991	Cold Store	Store potatoes	Bad smell	NA	Open dumping
69	Meer Awan Ullah Cold Storage Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
70	Mian Cold Storage 7km, kasur Road Hujra Shah Muqem		Cold Store	Store potatoes	Bad smell	NA	Open dumping
71	Shabir cold storage, Gehlan road Basirpur.	30.590623, 73.842399	Cold Store	Store potatoes	Bad smell	NA	Open dumping
72	Sham Din Cold Storage, Kasur road, mouza Bothanna, Tehsil Depalpur.	30.729609, 73.766772	Cold Store	Store potatoes	Bad smell	NA	Open dumping
73	Chaudhary Cold storage, mouza Bothanna Tehsil Depalpur.	30.726035, 73.761670	Cold Store	Store potatoes	Bad smell	NA	Open dumping
74	Ramzan Cold storage, Faridabad, Tehsil Depalpur	30.709165, 73.727123	Cold Store	Store potatoes	Bad smell	NA	Open dumping
75	Dola Farm Store (Cold Store), at 5 Km Haveli Lakha Road, Tehsil Depalpur.	30.607258, 73.654778	Cold Store	Store potatoes	Bad smell	NA	Open dumping
76	Aslam Cold Storage, at Basti Noor Elahi, Kasur road near Rajawal, Tehsil Depalpur.		Cold Store	Store potatoes	Bad smell	NA	Open dumping
77	Nawaz Cold Store, 49/2.L, Depalpur Road Okara	30.774838, 73.519333	Cold Store	Store potatoes	Bad smell	NA	Open dumping
78	Al-Rehmat Cold Store, at Qaid-e-Azam Chowk Depalpur, Tehsil Depalpur	30.663641, 73.661404	Cold Store	Store potatoes	Bad smell	NA	Open dumping
79	Al-Riaz Cold Store, at Pakpatan-Depalpur Road, Tehsil Depalpur	30.634409, 73.614766	Cold Store	Store potatoes	Bad smell	NA	Open dumping
80	Sheikh Ghulam Muhammad Cold Store, Adda Chamba Anok Singh, Pakpatan - Haveli Road, Haveli Lakha	30.455893, 73.645622	Cold Store	Store potatoes	Bad smell	NA	Open dumping
81	Abdul Majeed Cold Store, at Chourasta 38/D- Tara Singh Road, Tehsil Depalpur District Okara.	30.687353, 73.609378	Cold Store	Store potatoes	Bad smell	NA	Open dumping
82	Rao Maqsood Ateeq, cold Store, at Basirpur Road, Dharmewala, Tehsil Depalpur, District Okara	30.638524, 73.715400	Cold Store	Store potatoes	Bad smell	NA	Open dumping
83	Iqbal Cold Store, at Makhdoom Chaki Stop, Depalpur – Haveli Road, Tehsil Depalpur	30.565138, 73.650921	Cold Store	Store potatoes	Bad smell	NA	Open dumping
84	Eman Cold Store, at Pul Kotha Jhang Shisham, Haveli-Depalpur Road, Tehsil Depalpur, District Okara.	30.477761, 73.667030	Cold Store	Store potatoes	Bad smell	NA	Open dumping
85	Asghar Ali Cold Store,	30.694302,	Cold	Store potatoes	Bad	NA	Open

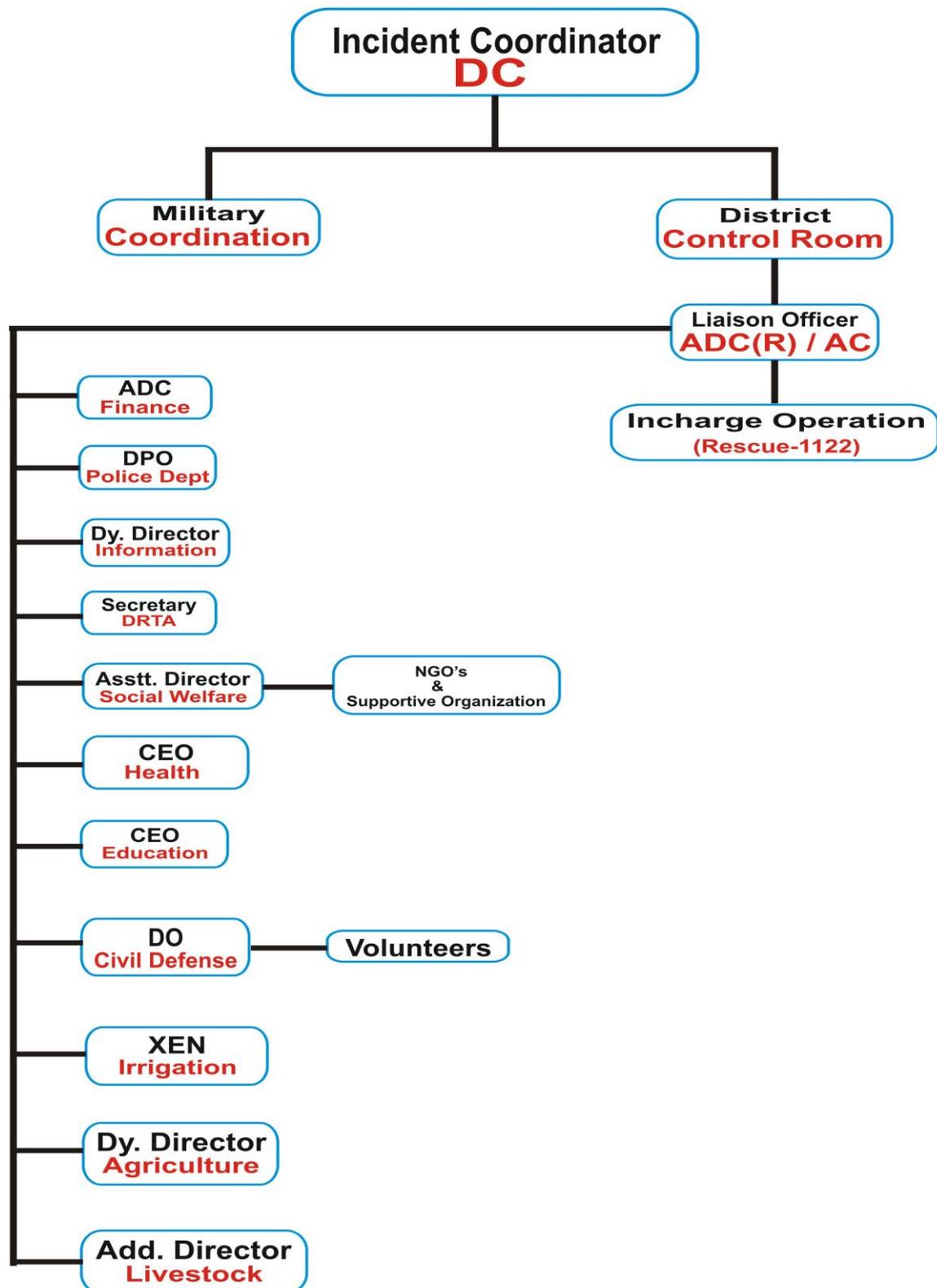
	Depalpur Bypass, Depalpur	73.662497	Store		smell		dumping
86	Rana Matee Cold storage, mouza Shah Pur Tehsil Depalpur.	30.721598, 73.855213	Cold Store	Store potatoes	Bad smell	NA	Open dumping
87	Hamza Cold Store Jan pura Road, nai abadi Rajowal, tehsil Depalpur	30.80506, 73.90338	Cold Store	Store potatoes	Bad smell	NA	Open dumping
88	Zeeshan Cold Store, an pura Road, nai abadi Rajowal, tehsil Depalpur	30.8055, 73.90344	Cold Store	Store potatoes	Bad smell	NA	Open dumping
89	Al-Mustafa cold storage, 2 km shergarh-hujra road, Tehsil Depalpur.	30.80974, 73.75621	Cold Store	Store potatoes	Bad smell	NA	Open dumping
90	Al-Hamd cold storage, mouza shmamas key, Hujra shah Muqeem.	30.77711, 73.8399	Cold Store	Store potatoes	Bad smell	NA	Open dumping
91	Mian Cold Storage Sahiwal Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
92	Millat Cold Storage Chak No. 43/GD, akbar Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
93	Mir Aman Ullah Cold Storage Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
94	Muhammad Cold Storage Gogera Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
95	Qurban Cold Storage, near Ghara Pull Bypass, Hujra Shah Muqeem.		Cold Store	Store potatoes	Bad smell	NA	Open dumping
96	Mustafa Farm Cold Storage Chak No. 40/3R, Akber Road, Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
97	Pak Madina Cold Storage By Pass Okara Road Depalpur	30.694182, 73.653227	Cold Store	Store potatoes	Bad smell	NA	Open dumping
98	Punjab Cold Storage Mian Colony, Sahiwal Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
99	Rahber ice & Cold Storage		Cold Store	Store potatoes	Bad smell	NA	Open dumping
100	Rana Cold Storage Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
101	Rao Asif Sharif Cold Storage 4km, Depalpur Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
102	Rehman Ice & Cold Storage GT Road Okara	30.814146, 73.464963	Cold Store	Store potatoes	Bad smell	NA	Open dumping
103	Sardar Asif Cold Storage Chak No. 26/2R	30.853176, 73.507676	Cold Store	Store potatoes	Bad smell	NA	Open dumping
104	Sheikh Rashid Cold Storage Chak No. 5/4L, GT Road Okara	30.798812, 73.441429	Cold Store	Store potatoes	Bad smell	NA	Open dumping
105	Shah Din sons ice & Cold Storage Faisalabad Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
106	Shamoon Cold Storage Boota Kot, Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
107	Taj Cold Storage Akber Road		Cold	Store potatoes	Bad	NA	Open

			Store		smell		dumping
108	Tariq Cold Storage Subhan Shah, Kasur Road Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
109	Umair Ali Cold Storage Chak Nazim Din, Depalpur		Cold Store	Store potatoes	Bad smell	NA	Open dumping
110	Umer ice & Cold Storage Gogera Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping
111	Wahla Cold Storage Chak No. 39/3R, Akber Road		Cold Store	Store potatoes	Bad smell	NA	Open dumping
112	Waris ice & Cold Storage Lodhi street, Renala Khurd		Cold Store	Store potatoes	Bad smell	NA	Open dumping
113	Zubair Ice & Cold Storage Gogera Road Okara		Cold Store	Store potatoes	Bad smell	NA	Open dumping



# COORDINATION MECHANISM

Coordination Organogram (including Sector lead agencies/departments, Military, NGOs and Volunteers)



### **Powers and functions of District Disaster Management Authority under NDM Act 2010:**

The District Authority shall be as the district planning, coordinating and implementing body for disaster management and take all measures for the purposes of disaster management in the district in accordance with the guidelines laid down by the National Authority and the Provincial Authority.

Without prejudice to the generality of the foregoing provisions, the District Authority may:

- a) prepare a disaster management plan including district response plan for the district;
- b) coordinate and monitor the implementation of the National Policy, Provincial Policy, National plan, Provincial Plan and District Plan;
- c) ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the Government at the district level as well as by the local authorities;
- d) ensure that the guidelines for prevention, mitigation, preparedness and response measures as laid down by the National Authority and the Provincial Authority are followed by all departments of the Government at the district level and the local authorities in the district;
- e) give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary;
- f) lay down guidelines for preparation of disaster management plans by the departments of the Government at the districts level and local authorities in the district;
- g) monitor the implementation of disaster management plans prepared by the departments of the Government at the district level;
- h) lay down guidelines to be followed by the departments of the Government at the district level;
- i) organize and coordinate specialized training programmes for different levels of officers, employees and voluntary rescue workers in the district;
- j) facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organizations;
- k) set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
- l) prepare, review and update district level response plan and guidelines;
- m) coordinate with, and give guidelines to, local authorities in the district to ensure that pre-disaster and post-disaster management activities in the district are carried out promptly and effectively;
- n) review development plans prepared by the departments of the Government at the district level, statutory authorities or local authorities with a view to make necessary provisions therein for prevention of disaster or mitigation;
- o) identify buildings and places which could, in the event of disaster situation be used as relief centers or camps and make arrangements for water supply and sanitation in such buildings or places;
- p) establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
- q) provide information to the Provincial Authority relating to different aspects of disaster management;
- r) Encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grass root level in the district for disaster management.
- s) ensure communication systems are in order and disaster management drills are carried out periodically; and
- t) Perform such other functions as the Provincial Government or Provincial Authority may assign to it or as it deems necessary for disaster management in the district.

#### **District Plan:**

- a) There shall be a plan for disaster management for every district of the Province.
- b) The District Plan shall be prepared by the District Authority in accordance with the National Plan and the Provincial Plan.
- c) The District Plan shall be reviewed and updated annually.

**Additional Powers of District Authority:**

For the purpose of assisting, protecting or providing relief to the community, in response to any disaster, the District Authority may:

- a) give directions for the release and use of resources available with any department of the Government and the local authority in the district;
- b) control and restrict vehicular traffic to, from and within, the vulnerable or affected areas;
- c) control and restrict entry of any person into, his movement within and departure from, a vulnerable or affected area;
- d) remove debris, conduct search and carry out rescue operations;
- e) provide shelter, food, drinking water and essential provisions, healthcare and services;
- f) establish emergency communication system in the affected area;
- g) make arrangements for the disposal of the unclaimed dead bodies;
- h) direct any department of the Government of the Province or any authority or body under the Government at the district level to take such measures as are necessary in its opinion;
- i) require experts and consultants in the relevant fields to advise and assist as it may deem necessary;
- j) procure exclusive preferential use of amenities from any authority or person;
- k) construct temporary bridges or other necessary structures and demolish structures which may be hazardous to public or aggravate the effects of the disaster;
- l) ensure that the non-governmental organizations carry out their activities in an equitable and non-discriminatory manner; and
- m) Take such other steps as may be required or warranted to be taken in such a situation.

**Revenue Department (Functions and Responsibilities)**

In case of any disaster or calamity the head of the revenue department in the district i.e. the DC should ensure that the following measures and steps have been taken:

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, CEOs, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.

- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The District Emergency Operation Centre has been set up in DC Office Okara. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of casualties, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defence and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

#### Checklist for Revenue Department:

- Survey of entire District (Preparation of Village level information by Patwari)
- Identification of Low lying, medium and high: vulnerability levels with flood level
- Liaison of Patwari with Numberdars of their respective villages
- Contacts of all revenue staff posted near river belts and their output in floodprone areas
- List of Numberdars with their contacts, volunteer from low lying settlements with contact numbers
- Prepare list of vulnerable villages and make an estimate of likely affected population in such villages in the event of flood
- Name and contact numbers of private boat owners and operators Announcement of Flood Warning at settlement level – Patwari responsible Forced evacuation with police
- Rapid assessment for relief goods and ration provision Coordination and reporting
- Carry out survey of entire flood affected areas to assess losses in collaboration with Agriculture, Livestock and Education Department
- Conduct crop damaged/ house damaged surveys

#### Metropolitan / Municipal Corporations

##### Municipal / Town Committees

- Local Bodies play an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachments etc.
- Local Bodies will provide assistance to the District Administration for setting up and management of relief camps/ operations.
- Local Bodies are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- Local Bodies are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- Local Bodies sanitary workers can be deployed for cleaning relief camps, or other such areas which have been affected by any disaster.

- Local Bodies employ de-watering sets to remove excess water. All Local Bodies are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Local Bodies maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Local Bodies should ensure supply of clean drinking water in overhead reservoirs and ensure supply to the affected areas or relief camps through water bowsers. Clean drinking water is a major issue and requirement during any disaster.
- In case of any disaster that requires people to be relocated, the Local Bodies under the concerned Administrator i.e Commissioner / DC / AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the Local Bodies manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

### District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DC. The office of the DC fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Local Bodies and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his/her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the Local Bodies.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. The Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue department in his/her Tehsil. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc.
- The tactical operations would be headed by the Additional Deputy Commissioner (Rev). The ADC would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government had notified the following composition of DDMA's for whole of the province:
  - i. **Deputy Commissioner (Chairperson)**
  - ii. District Police Officer
  - iii. Additional Deputy Commissioner (Rev)
  - iv. Two Elected Representatives to be nominated by the Chair
  - v. Representative of Pak Army
  - vi. Two Representatives of NGOs/Civil Society to be nominated by the Chair
  - vii. Additional Deputy Commissioner (General)
  - viii. Additional Deputy Commissioner (F&P)

- ix. XEN Buildings
- x. XEN Highways
- xi. Chief Executive Officer (DHA)
- xii. Chief Executive Officer (DEA)
- xiii. SP Special Branch
- xiv. XEN Irrigation / Public Health
- xv. District officer Civil Defense
- xvi. Administrators of Tehsil Councils / Municipal Corporations
- xvii. All Chief Officers of Local Bodies in District
- xviii. District Emergency Officer, Rescue 1122 (Secretary)
- xix. Representative of Red Crescent
- xx. Such other District level Officers to be appointed by District Administration

- District Administrations must establish a Disaster / Flood control room at the DC's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- The District Administration would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Administrations will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Executive District Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- DO (Agriculture) and DO Livestock would arrange fodder and feed supplements for livestock and animals displaced.
- District Regional Transport Authorities (DRTA) in all 36 districts of Punjab are managed by Secretaries who would coordinate with local transporters for arranging transport required for evacuation of people from affected areas. In case of shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

#### **Role of Rescue 1122 in districts during disaster**

- The immediate evacuation of people from the disaster prone and vulnerable areas after receipt of disaster/flood warning.
- Provision of immediate medical aid during any emergency and at the same time transporting the injured or sick to the nearby hospital through their team of ambulances.
- In flood situations, rescuing people from drowning in the strong currents is a specialty of 1122 as it has its own boats.
- Apart from that; responsible for deployment of fire fighters, cordoning off hazardous areas, provision of first aid and medical treatment, immediate search and rescue of victims and management of the pre-hospital emergency system.
- Rescue 1122 is well trained in setting up medical camps for provision of emergency medical treatment. These camps are setup by Rescue 1122's paramedic staff.

#### **Pre-disaster Check list for DDMA**

- Meeting of DDMA held
- Identification of vulnerable areas
- Identification of Safe places

- Preparation of contingency plan
- Bunds and encroachments visited
- Sites identified for relief camps Evacuation routes/plan
- Safe custody of Government records and essential equipment and their shifting to safer areas on receipt of flood warning
- Enlistment of department wise available resources
- Preparation of list of required relief goods/ items
- Involvement of Volunteers, NGOs and other CSOs
- Designation of Focal Person
- Preparation of District vulnerability map with varying degrees of floods
- Evacuation well in time from vulnerable areas
- Establishment of Camps – All services under one roof
- Flood warning and weather forecast: Loudspeakers announcements
- Establishment of control rooms
- Cancellation of all type of leaves of all employees Designation of Focal Persons
- Assignment of duties and responsibilities of all officers for flood emergency
- Preparation of Telephone Directories with the cell numbers of all the members of DDMA's and volunteers
- No leave during flood days; No official will leave station

### **Disaster Emergency Operation Center (functions and responsibilities)**

A Disaster Emergency Operation Center working round the clock will be established at district level for effective coordination and mutual support among the different departments and agencies.

## **Functions of DEOC:**

### **RECEIPT OF WARNINGS:**

Warnings of natural disaster e.g, floods will be issued in the first instance by the Bureau of Meteorology and the Officer Incharge is responsible to ensure that the information is immediately forwarded to the Chairperson of the District Disaster Management Authority. However, in case of earthquake/manmade disaster like fire or blast, warning or intimation would be issued by the designated Control Room (Police, Rescue 1122 etc) to the Chairperson DDMA who will pass the directions to the concerned departments and further inform the high command.

### **WARNING DISTRIBUTION:**

Upon the implementation of this plan, all public warnings will be distributed through the Disaster Coordination Centre upon recommendation of the relevant control authority and on the authorization of the Chairperson.

### **PUBLIC INFORMATION:**

The distribution of the contact or telephone numbers to the public for disaster information will be the responsibility of the person ideally the Additional Deputy Commissioner (Rev) at the discretion of the Chairperson.

### **COORDINATION AMONG DIFFERENT DEPARTMENTS AND AGENCIES:**

The DEOC will be responsible for the coordination among different departments and agencies. The required resources will be mobilized and provided at the operational site. Any requests for assistance from outside the district are to be made by the Chairperson DDMA.

**REPORTING:**

It is also the responsibility of the Control Room to collect all the information from the operational sites and after compilation, present the report to the Chairperson DDMA for onward submission.

**Checklist for DEOC:**

- Dedicated Staff as per magnitude of the disaster
- Duty roaster of the staff
- 2 Dedicated telephone lines
- Dedicated Fax
- Wireless
- Internet and Email or any other source of communication
- Power backup

**Checklist for Relief Camp Incharge:**

- List of staff displayed with name and department teams will work in shifts
- Presence of representatives of all service providers i.e. Health, livestock, Rescue 1122, Civil Defence etc.
- No movement without the permission of Centre Incharge
- Each shift in-charge to contact District Control Room on arrival and then on departure
- In-charge will keep close liaison with SHO of the respective area
- No. of affectees in camp (sick, aged and children) shall be communicated daily
- Availability of at least one emergency vehicle at center be ensured
- Keep record of private boat owners and their contacts details
- List of Doctors and private hospital in the vicinity
- List and contact of philanthropists in the vicinity
- Keeping record of donations coming directly to Centre and report the same to Tehsil and District Incharge.
- Centre Incharge shall ensure vaccination of animals and humans against Communicable diseases
- List of missing persons must be displayed at all Relief Camps

**Role of Health Department**

The public sector health delivery system comprises of four tiers and as such will continue to provide services at these four tiers during and after any disaster:

Outreach and Community Based Activities, which focus on immunization, sanitation, malaria control, maternal and child health, and family planning. Primary care facilities include BHUs, RHCs. THQs and DHQs provide inpatient and outpatient care. Tertiary care hospitals located in the major cities for more specialized care.

In case of any disaster or calamity, the health department will ensure that the following measures are in place;

- To provide first aid to the injured people and arrange evacuation of patients for further assistance.
- Medical camps and mobile health teams should be arranged for prevention and control of communicable diseases, immunization and provision of essential drugs.
- Health department would make a roster of all medical officers and paramedics that would be deployed to these camps and teams.
- Drugs and other medical equipment should be available at all these camps and with mobile teams. The medicine should be for relevant flood related issues, **particularly Anti-snake venom, Anti-rabies.**
- The shelters or relief camps established by the district administration should have medical centers with ambulances and special facilities for women, children, PWDs, sick and elderly people.

- An emergency control room will be established in the office of Directorate General Health Services and a representative of this emergency control room would be designated to PDMA's control room.
- A list of essential medicines would be prepared by the Health department and it would ensure that medicines and other resources are present in sufficient stocks in hospitals in disaster hit areas.
- Medical/Nursing colleges may be involved to create Emergency Response teams
- Health department would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillances in the disaster hit areas should be carried out warnings if needed be issued through the Disease Early Warning System.
- Medical teams and paramedic staff should be mobilized and deployed for rapid assessment and quick response in the affected areas.
- A contingency plan will be prepared and submitted regarding preparedness for any disaster or calamity.
- The National Disaster Management Authority has designated WHO as the key organization that will fill the gaps in the supply of medicines, rapid diagnostic kits, and vaccinations etc.
- The department would employ female health workers in emergency areas specially, for spreading awareness regarding health risks in a disaster and for any vaccination or immunization programme that may be needed during any emergency.
- A Health and Nutrition Cluster for overall management and oversight of Health department's disaster response would be formed at the Directorate General Health office.
- In case the medicine stocks or even the infrastructure is damaged due to floods, the department would draw up a plan for early recovery of health infrastructure and service delivery.

#### **Civil-Military Coordination Mechanism**

After mobilization of all District Resources in case of disaster, supply and need gaps will be assessed and the Deputy Commissioner will decide if military intervention is necessary and for which kind of operations army will be contacted and that will be done after proper intimation and approval of PDMA or high command.

After military involvement, the strategy will be devised or amended in a way to smoothly run the operations in collaboration of District Administration and Army.

#### **Volunteer Network**

*E.g. how many registered volunteers, how to activate them, who will coordinate with them etc.*

The office of Civil Defence will provide the volunteers list and brief about the mechanism to activate them.

# RISK ANALYSIS

## 1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	3	3	9
Urban Flooding	3	2	6
Flash Floods	1	1	1
Hill Torrent	-	-	-
Glacial Lake Outburst Flood (GLOF)	-	-	-
Landslide	-	-	-
Tornado	-	-	-
Earthquake	2	1	2
Drought	-	-	-
Epidemic	2	2	4
Fire Incidents	3	2	6
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	4	3	12
Environmental Hazards (industrial accidents, severe pollution etc.)	1	1	1

Risk = Impact x Likelihood

Low : 1-7

Medium : 8-14

High : 15-25

## 2. Hazards

- *Disasters occurred over the past two to three decades and their impact on communities and development sectors*
- *Provide a brief description of the hazards being planned for (medium and high risks), including potential location that could be affected;*
- *Briefly outline the triggers*

### HISTORY OF FLOOD

Floods have been a major hazard in the history of District Okara since last three decades. As there are two rivers flowing in the territory of the District ; River Sutlej & River Ravi.

In 1988, an unprecedented water discharge of about 281,000 cusecs in River Ravi and 400,000 cusecs in Sutlej caused heavy damage to human lives, livestock, crops and houses. The protection bunds had to be breached to save the Sulemanki and Balloki Barrages. Furthermore, in the same year, town of Renala Khurd witnessed washing away of main Bazar and Basti Lal Shah due to breach in Lower Bari Doab Canal (LBDC).

The major impact was displacement of people, the 2<sup>nd</sup> biggest issue was loss of livelihood that was mainly based on agriculture. This not only made them vulnerable to poverty but also to poor health and hygiene problems. Moreover, the development process had been affected badly. The surplus which was supposed to be spent on development projects, had been used for response and rehabilitation process.

### Triggers:

Rivers like Sutlej and Ravi are the sources of flood in the District. Major flood is generally associated with the monsoon low depression that develops in the Bay of Bengal and move across India in west/north – west direction to enter Pakistan. Heavy rains, release of excessive water more than capacity by India in River Sutlej and River Ravi can trigger floods. Apart from riverine floods that particularly affect District, Flash floods in consequence of breaching of bunds in the aforementioned Rivers and LBDC can also hit nearby villages which may cause erosion. In recent years, vulnerability of Okara to floods has increased due to rapidly changing weather patterns, due to global warming and climate change. The settlements inside or near the Delta of Rivers, the canal irrigation network and interrupted drainage system are some of the major reasons which can lead toward seven urban flooding.

Tectonic movement of earth can trigger earthquake and not only the districts or areas situated on the fault line are vulnerable to devastation but also the neighboring districts share the same risk.

Factors which can trigger up an incident / natural calamity into a disaster can be late response, inadequate or inappropriate help. Poor camp management and record keeping lapses in security system, inconsistent supply of food and water, poor hygiene or sanitary conditions can lead towards serious health issues / outbreak of epidemics.

Moreover, in case of major fire incident, poor infrastructure, unplanned business set ups, failure to follow building safety codes, lack of fire safety & fighting training, equipments, no evacuation drills and staff not following the SOP's and warnings, negligence in using Personal Protective Equipments is the main factor that can trigger a man made disaster.

### CLASSIFICATION OF FLOOD

Following is the Classification of Flood:

#### **RIVER RAVI**

a)	Low Flood	0.40 to 0.65	Lac Cusecs
b)	Medium Flood	0.65 to 0.90	-do-
c)	High Flood	0.90 to 1.35	-do-
d)	Very High Flood	1.35 to 1.80	-do-
e)	Exceptionally High Flood	1.80 and above	-do-

#### Time Lag

Reach	Distance(Mile)	Time Lag in Hours
Jassar to Shahdra	72	18
Shahdra to Balloki	56	14
Balloki to Jandraka (Okara)	40	10
Jandraka to Miran Shah	20	5

#### **RIVER SUTLEJ**

a)	Low Flood	0.50 to 0.80	Lac Cusecs
b)	Medium Flood	0.80 to 1.20	-do-
c)	High Flood	1.20 to 1.75	-do-
d)	Very High Flood	1.75 to 2.25	-do-
e)	Exceptionally High Flood	2.25 and above	-do-

#### Time Lag

Reach	Distance(Mile)	Time Lag in Hours
Bhakra Dam to Ropper	51/81	24
Ropper to Harike	80/128	48
Harike to Feroze Pur	40/64	24
Feroze Pur to Suleimanki	79/127	48

### HIGHEST FLOODS

#### **RIVER RAVI**

YEAR	MAXIMUM DISCHARGE (IN Cs)
1955	2,04,360
1957	1,80,205
1988	3,89,345
2013	97,970
2014	1,18,000
2015	65,960
2016	37,165
2017	9,400
2018	5,380
2019	34,900
2020	37,250

2021	60,879
2022	52,435
2023	74,100
2024	53180

**RIVER SUTLEJ**

YEAR	MAXIMUM DISCHARGE (IN Cs)
1942	3,25,000
1943	3,09,000
1947	3,60,000
1950	3,32,000
1955	4,22,000
1988	4,00,000
1995	3,02,000
2008	1,02,000
2009	5,000
2010	58,300
2011	70,125
2012	21,587
2013	82,000
2014	26,595
2015	61,009
2016	32,858
2017	16,000
2018	8,000
2019	67,000
2020	11,897
2021	7,200
2022	70,212
2023	1,91,003
2024	24941

**Vulnerable areas of District**

- Tehsil Okara (06)
  - Kund Bodh
  - Jhaidun
  - Jandraka
  - ThathaBhattian
  - Madi Pattan
  - City Area (Urban Flooding)
- Tehsil Renala Khurd (01)
  - City Area (Urban Flooding)
- Tehsil Depalpur (06)
  - Attari
  - Puran
  - Baqar Key Muhar
  - Darazkey
  - RohailaSharian
  - City Area (Urban Flooding)

**Low & Medium Flood**

Most of the people having temporary settlements inside the river bed areas and permanent in Regular Villages located at safe places. All the people included vulnerable community (Ladies, Children, Old Agers & Handy Caps) are evacuated timely through motor boats by Rescue-1122 and they preferred to go to their permanent settlements in close coordination with Revenue Department / Patwaries & District Administration.

**High Flood**

In case of high flood affected masses will be evacuated by Rescue-1122 and Pakistan Army / Rangers. They will be settled in designated flood relief camps located at their respective areas / tehsils already established by District Administration. Moreover, transportation arrangements will be made well before time.

**Very / Exceptionally High Flood**

In case of very high / exceptionally high flood affected masses will be evacuated by Rescue-1122 and Pakistan Army / Rangers. They will be settled in designated flood relief camps located at their respective areas / tehsils already established by District Administration. Moreover, transportation arrangements will be made well before time. Furthermore, helicopter lift may be required from Pakistan Army & new camps / tent villages will be established as per requirement.

**3. Response & Operational Capacity**

*Briefly describe the existing response capacities in District (including government and NGO partners)*

**RELIEF CAMPS**

Total Number of Relief Camps = 12

Okara:	04
Depalpur:	05
Renalakhurd:	03

**Flood relief camps established:**

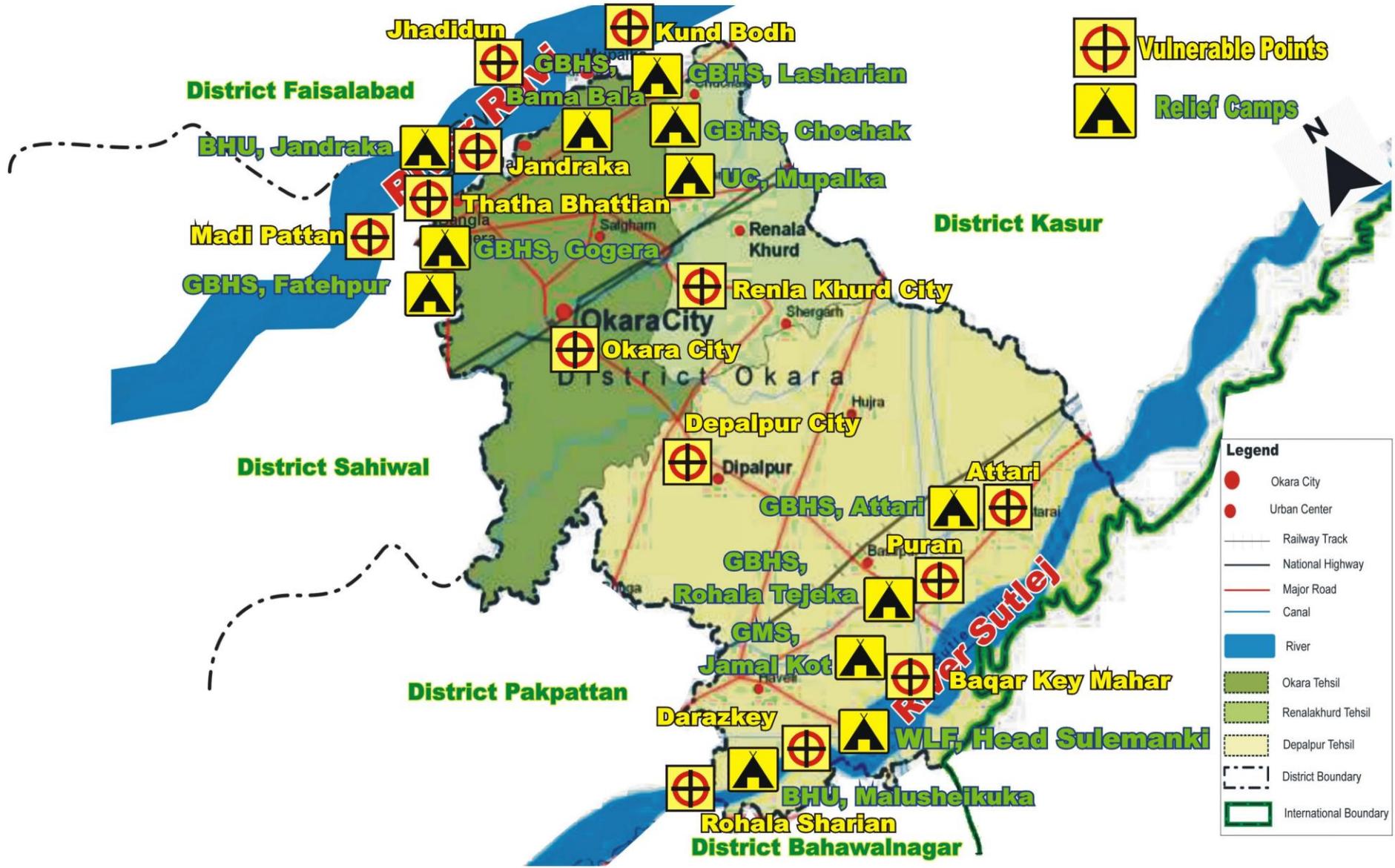
1. Govt Boys High School Lasharian
2. Basic Health Unit, Jandraka
3. Govt. Boys Higher Secondary School Gogera
4. Govt. Boys High School Fatehpur
5. Govt. Boys High School Attari
6. Govt. Boys High School, Rohaila Tejeka
7. Govt. Middle School, Jamalkot
8. Wild life Park, Head Sulemanki, Canal Bank
9. Basic Health unit, MalhuSheikhuka
10. Govt. Boys High School, Chuchak
11. Union Council Office, Mupalky
12. Govt. Boys Higher Secondary School, Bama Bala

**NUMBER OF VOLUNTEERS**

- Civil Defence 103
- Total 103

**NO OF NGO'S Associated with Health & Education : 76**

District detail map with vulnerable points and planned camps.



## 4. Strategic Reserves

Detail of Rescue &amp; Relief Equipment for Flood Season 2025 District Okara

Sr. No.	Items	TOTAL			Remarks
		Functional	Non-Functional	Extra Demand	
1	Pneumatic Boat	1	3	3	-
2	Fiber Glass Boat 19 ft	11	2	8	-
3	Fiber Glass Boat 24 ft	4	-	6	-
4	OBM 40 HP	19	-	1	-
5	OBM 60 HP	-	-	1	-
6	Life Jackets	322	12	600	-
7	Life Ring	108	35	50	-
8	Scuba Set	5	-	3	-
9	Tent	256	50	15	-
10	Plastic Mat	300	-	200	-
11	Mosquito Net	-	-	410	-
12	Blanket	70	-	200	-
13	Quilt	-	-	101	-
14	Matress	-	-	200	-
15	Pedestal Fan	90	5	85	-
16	Bed	-	-	150	-
17	Charpai	18	-	150	-
18	De-watering sets 0.50-Cusec	14	4	-	-
19	De-watering sets 1-Cusec	16	-	8	-
20	De-watering sets 2-Cusec	1	-	2	-
21	De-watering sets 3-Cusec	-	-	1	-
22	De-watering sets 4-Cusec	2	2	5	-
23	Generator with light stand set	3	-	9	-
24	Life Lines	4	-	11	-
25	First Aid Kits	25	-	55	-
26	Rescue Bag	20	-	92	-
27	Safety Harnesses	8	-	60	-
28	Ambulances	21	-	1	-
29	Fire Brigade	6	-	3	-
30	Water Tanks / Bouzers	14	4	6	-
31	Extendable Ladders	4	-	16	-
32	Hydraulic Cutter	1	-	4	-
33	Sonar Rader	-	-	1	-
34	Jumping Sheet	-	-	3	-
35	Dumpers	3	-	8	-
36	Excavators	-	-	2	-
37	Cranes	-	-	2	-
38	Bulldozer	-	-	1	-
39	Tractors	56	3	5	-
40	Boat Carrier/Trolleys	27	-	12	-
41	Pickups/Jeeps/4x4 vehicles/Mini Trucks	19	-	3	-
42	Searchlight	64	10	89	-
43	GIS Devices	-	-	1	-
44	Gas-Cutters	1	-	8	-
45	Navigator/GPS Tracker	48	-	10	-
46	Floating Rope	4	-	61	-


Deputy Commissioner,  
Okara

**FITNESS / FUNCTIONALITY CERTIFICATE**

It is certified that all available equipment / apparatus available with District Okara is fully functional to cope any eventuality in connection with upcoming flood/monsoon.

Moreover, all the departments have been directed to make their repairable equipment functional at the earliest.



**Deputy Commissioner,  
Okara**

**5.Gaps and Constraints**

- Briefly outline the capacity gaps in the provision of rescue and response;
  - Describe major obstacles in providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)
- 1- Some times Security issues of workers working during disaster
  - 2- Lack of knowledge of other agencies regarding their roles& responsibilities
  - 3- Lack of communication, difficulty in access after increase of flow to 3 lac cusec in river Jhelum
  - 4- Lack of inter agency coordination
  - 5- Water rescue operation is allowed in day light only
  - 6- Lack of information sharing

**MITIGATION STRATEGY**

- ✓ Briefly describe what measure could be taken to reduce the impact of the potential disasters.
- ✓ Strategic pre-positioning of available relief stocks
- ✓ Public education and community awareness

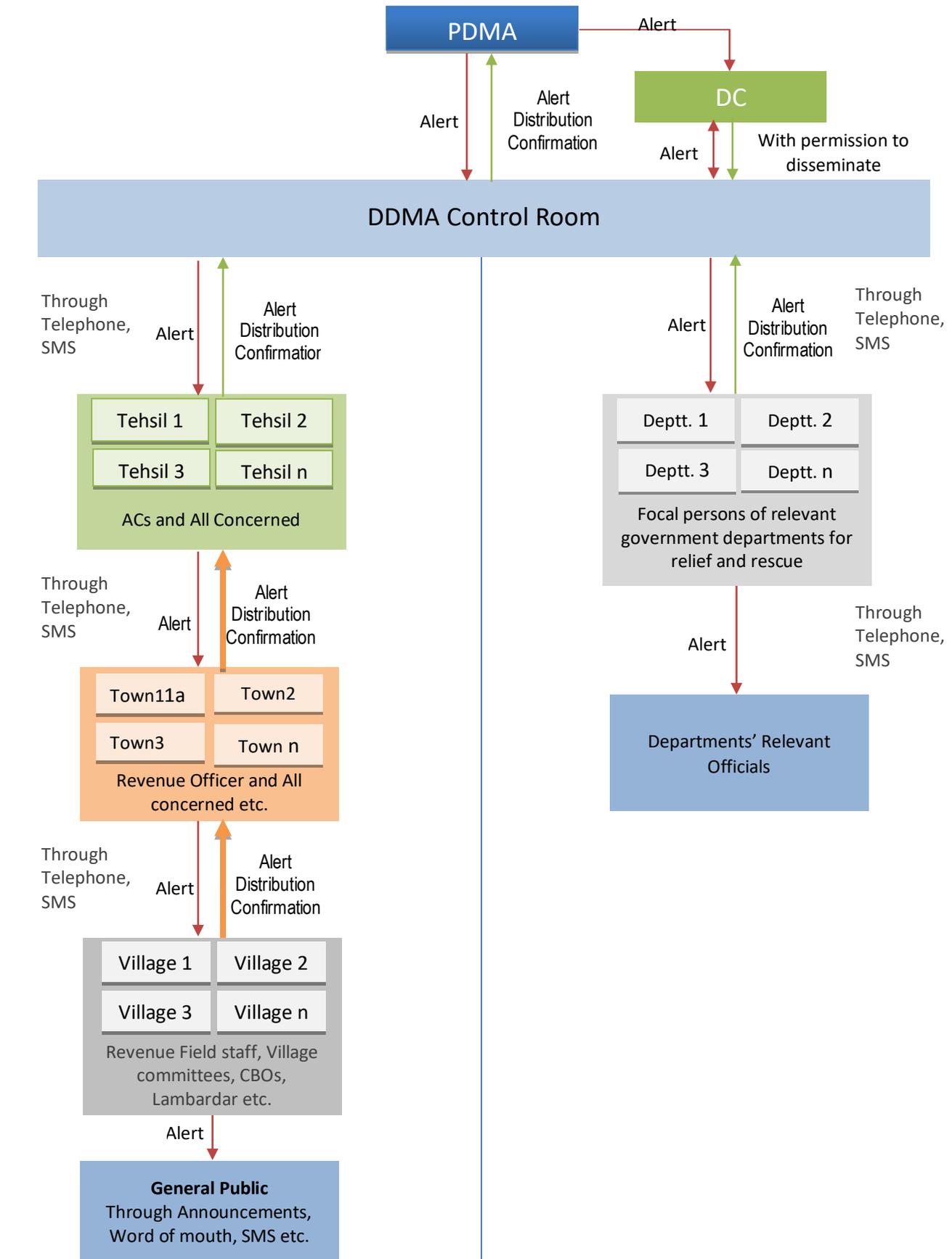
Hazards	Mitigate Actions	Responsible Department
Floods, Urban Flooding, Flash Floods, Earthquake	Overall Disaster Management Preparation & Coordination Overall Security Management Provision of Health Facilities Evacuation & Pre-Hospital Treatment Temporary accommodation for stakeholders Construct / Repair & Maintenance of bunds & Removal of encroachments Provision of Heavy Machinery & Manpower  Provision of related equipment & Volunteers Ensure the vaccination & health facilities of livestock Ensure the fodder & temporary settlements for animals Provision of Services as required Community awareness & Provision of manpower	ADC(R), Focal Person ACs / Tehsildar (concerned Tehsils) Police Department CEO(Health) / DHO (concerned Tehsils) DEO 1122 / RSO (concerned Tehsils) CEO(Education) / Director Admin XEN (Irrigation LBDC) / SDO XEN (Irrigation Sulemanki) / SDO XEN (Highways) / SDO (specially for earthquake) XEN (PHED) / SDO (specially for earthquake) DO Civil Defense / Chief Instructor AD Live Stock / Veterinary Officer DD Agriculture / AD Agriculture  CO MCs / Sub-Engineers (concerned MCs) DD Social Welfare / SWO

Epidemic	Overall Disaster Management Preparation & Coordination Provision of Health Facilities Shifting of affectees to the health facilities Assistance in Vaccination Provision of Services as required Community awareness & Provision of manpower	ADC(F&P), Focal Person ACs / Tehsildar (concerned Tehsils) CEO(Health) / DHO (concerned Tehsils) DEO 1122 / RSO (concerned Tehsils) CEO(Education) / Director Admin CO MCs / Sub-Engineers (concerned MCs) DD Social Welfare / SWO
Major Accidents (Fire Case, Building Collapse, Road Traffic Accidents, Train Accident, Stampede, Plane Crash)	Overall Disaster Management Preparation & Coordination Overall Security Management Provision of Health Facilities Preparation & Response to Operations Safety measures related to electricity Provision of Heavy Machinery & Manpower  Safety measures related to Sui Gas Provision Volunteers & Sweeping of site, Survey of site for Environmental hazards and coordination in Operation Activities Provision of Services as required	ADC(G), Focal Person ACs / Tehsildar (concerned Tehsils) Police Department CEO(Health) / DHO (concerned Tehsils) DEO 1122 / RSO (concerned Tehsils) SE LESCO / XEN (concerned) XEN (Highways) / SDO XEN (PHED) / SDO Incharge SNGPL DO Civil Defense / Chief Instructor DO Industries / Senior Clerk DD Environment / Inspector Environment CO MCs / Sub-Engineers (concerned MCs)
Environmental Hazards (industrial accidents, severe pollution etc.)	Overall Disaster Management Preparation & Coordination Overall Security Management Provision of Health Facilities Preparation & Response to Operations Provision Volunteers & Sweeping of site, Survey of site for Environmental hazards and coordination in Operation Activities Provision of Services as required	ADC(F&P), Focal Person ACs / Tehsildar (concerned Tehsils) Police Department CEO(Health) / DHO (concerned Tehsils) DEO 1122 / RSO (concerned Tehsils) DO Civil Defense / Chief Instructor DO Industries / Senior Clerk DD Environment / Inspector Environment CO MCs / Sub-Engineers (concerned MCs)
Hill Torrent	-	-
Glacial Lake Outburst Flood (GLOF)	-	-
Landslide	-	-
Tornado	-	-
Drought	-	-

The above said committees have already been constituted vide this office letters No.203/NTO/ADCR, No.204/NTO/ADCR, No.205/NTO/ADCR and No.206/NTO/ADCR dated 25.02.2022. Copies are enclosed at the end of this plan.

# EARLY WARNING

## Information Flow Diagram



## Alertness Levels

Following four levels alertness have been established:

### Level-D

(Disaster threat is perceptible)

DDMA shall conduct monthly meetings besides atleast 2 mock exercises as per DDMP, well in time, to make the concerned officers/officials understand their role and responsibility for better coordination and testing of rescue and relief equipment. DDMA shall also ensure the physical presence of concerned staff deputed and availability of equipment/resources for all designated vulnerable sites within given time frame during disaster. Vulnerable site's inspections and necessary works/action shall be carried out as mitigation measures.

### Level-C

(Alert)

(Warning issued but likelihood of occurrence is less than 100%)

#### Activities to be undertaken in level D

+

DDMA shall issue "alert" to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for on call mobilization and monitor the situation 6 hourly. Only DC and DPO shall grant leave according to the situation.

#### Activities to be undertaken in level C

+

DDMA shall issue EW to all stakeholders and "High Alert" for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for evacuation and disaster management have been mobilized as per DDMP. All emergency (health, fire, rescue 1122, local bodies etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis.

### Level-B

(High Alert)

(Disaster threat is imminent)

#### Activities to be undertaken in level B

+

DDMA shall respond to the emergency immediately and shall carry out rescue and relief operation as defined in DDMP and shall continuously monitor the situation. Resources of adjoining districts shall be mobilized and Army may be called keeping in view the magnitude of the disaster.

### Level-A

(Red Alert)

(Disaster is materialized)

## Early Warning

*Briefly describe how the early warning will be received from provincial level?*

*Who is the focal person at district level?*

*Functions of District/Tehsil Emergency Control Rooms in early warning*

*How the early warning will be communicated to relevant departments for different disasters? What actions each relevant department should take after receiving the early warning e.g. evacuation.*

*How the early warning will be communicated to the relevant population? E.g. through Patwaris, SMS, Announcements, Media etc.*

**RECEIPT OF WARNING**

The early warning is received from resources like PDMA, Pakistan Meteorological Department (heavy rains / wind or storms) and Hydrological Department Wapda (Mangla dam, flood / dam out flow), Rescue 122 (Road accidents, Fires, Building Collapse, Drowning), Civil defense & police (riots, violence, terrorist activities), Health (epidemics) through emails, phone calls & sms.

The main source of early warning for flood is Head Ganda Singhwalagenerating information collected from flood warning station Bhakra Dam (India).

The District Control Room (DEOC)has been established in the DC Office and ADC(R) is the focal person of District Control Room.

**FUNCTIONS OF CONTROL ROOM**

- Information collection & dissemination
- To establish Coordination among departments.
- Communicate with concerned department (depending upon the nature & gravity of the warning)
- Dispatch & Tracking of Resources
- Warning distribution among govt department, public & media

The information received at district control room is dispatched to the concerned department (focal person / district head) through email, sms or phone call depending upon the severity of the warning after getting clearance from Chairperson DDMA. The information to the relevant department is communication into three phases:

**Phase1**

Notices are served through patwari and gardawar to the concerned vulnerable area regarding alternate arrangements for affecteesin case of emergency evacuation specifically in flood and as seems appropriate in other major incidents/disasters.

**Phase 2**

Mock exercises and drills are conducted through relevant departments regarding evacuation and other major incidents/disasters.

**Phase 3**

In this phase the warnings are issued through sirens,announcements through loud speaker, mega phone and electronic media when DDMA issues high alert of level B.

## RESCUE STRATEGY

- *What actions will be taken as an immediate response to the situation? E.g. Evacuation, medical assistance*
- *Who does what and when? Responsible departments/agencies*
- *How and when Pakistan Army will be requested to support the rescue activities*
- *Camp sites identified? List at Annex I.*

### Evacuation& Medical Assistance:

Emergency Evacuation is the priority in case of any Disaster to not only evacuate the people from hazardous areas but also shift them to safer places e.g camps to save them from further suffering. Keeping in view the nature of disaster, mobile medical teams would be dispatched for immediate medical help.

### Responsibilities of Departments / Agencies:

On receipt of early warning or onset of disaster, Municipalities, Rescuer 1122, Police, Civil Defense, Health Department would immediately respond to evacuate people from hazardous areas and simultaneously accommodate them in camps, once the evacuees reach camp; all concerned departments e.g Health, Municipalities, WAPDA, Police, Livestock and Civil Defence would setup their mobile units to meet the basic human needs of the affected population and livestock.

### Support from Pakistan Army:

The Chairperson DDMA will decide when Pakistan Army shall be requested to intervene and support the response to a disaster. He requests in case if District Resources cannot meet the response needs e.g in case of evacuation more boats and man power is required to evacuate large number of people in short period of time. Moreover, in case of earthquake or building collapse etc when search and rescue needs extra resources as per severity of disaster Pakistan Army can be requested to assist.

## HUMANITARIAN ASSISTANCE

- *How damage and losses data will be collected and communicated to higher level?*
- *How the priority needs (e.g. food, shelter, health etc.) will be determined?*
- *What activities will be carried-out to provide assistance to the affected population and by whom?*
- *What assistance will be provided?*
- *Standardization of different packages/kits e.g. food, tents*
- *Humanitarian Assistance monitoring mechanism – to avoid duplication and identify gaps*
- *Minimum standards for camps, if camps are established*
- *What is the current capacity in the district? Enough for how much caseload?*
- *Explain how protection, gender and age, environment and other relevant cross-cutting issues that will be addressed or mainstreamed into the humanitarian assistance strategy*

### Collection of DATA:

Municipalities concerned on direction of Additional Deputy Commissioner (Rev), will assess the damage and losses union wise so that data compilation is done in an organized manner. Once it is compiled, it would be verified from other responding departments too, the purpose is to avoid any fictitious or wrong information to be added in the final damage and loss assessment report. The Additional Deputy Commissioner (Rev) communicates the final report to the Chairperson DDMA (The DC) and also to the higher Authorities.

### Priority Needs:

Keeping in view the nature and severity of disaster, priority needs will be decided. In case of floods, after safe evacuation the foremost task is to temporarily settlement of the displaced people into camps and provide them

with basic facilities e.g. food, water health & sanitation, security and any other specific need (e.g. disable persons, unaccompanied children facilitation etc).

**Activities for Effected Population:**

Affected or displaced people will be provided with shelter and other basic facilities. All the departments will provide help as per already defined responsibilities in a coordinated manner and submit daily activity report for assessment of need and supply gaps analysis.

**Assistance Provide:**

Shelter, food, water and sanitation facilities, health (physical and psychological) security, livestock management and other specific assistance as per any special need.

**Standardization:**

Standardization of all food packages, tents, blankets etc will follow the International Standards for Humanitarian Assistance by International Organization of Migration in which minimum standards are defined those meet the requirements of needs for a dignified living even in camps.

**Humanitarian Assistance:**

Administration Desk for better management of camps following complaint cells, food distribution cell, desk for unaccompanied children and handicapped individuals to address all the issues of displaced people in a well coordinated manner to avoid duplication and better assessment of gaps. In case, if any duplication or failure to provide sufficient assistance all the designated camps will teletheir details and identify the issue and rectify where necessary to avoid any long term issue.

**Minimum standards:**

Minimum International Standards for Humanitarian Assistance will be followed to respect the human dignity.

**Capacity of District:**

For the sake of effective and realistic approach, all the stakeholder departments will be trained and provided with charter of Humanitarian Assistance that contains all the guidelines how to address these sensitive issues. Moreover, in face of disaster, all the concerned departments will follow the same guidelines in Humanitarian Assistance set up and furnish a certificate of implementing the standards in true letter and spirit. Afterwards, the monitoring committee will verify if the Humanitarian Assistance guidelines have been followed or not.

**Camps:**

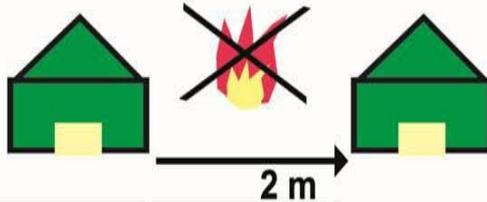
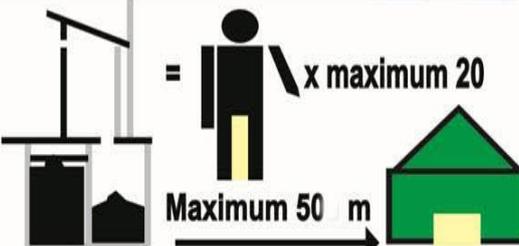
Camps would be established in areas accessible by metalled roads so that provision of essential facilities is not difficult. The scale of these settlements may vary from a few tents to larger groups of 50 tents.

Camp sites selected should be safe, accessible and far from other hazardous and risky areas. The following specifications are the minimum standards of the services that are to be provided to the inhabitants of tent villages:

**TOOL 27 - SPHERE STANDARD MATRIX (CAMP MANAGEMENT IN PRACTICE BOOKLET)**

**TECHNICAL STANDARDS AND PRACTICE**

Standards guide planning and set-up of sites, to provide a safe, secure and healthy environment for the camp residents, and access to a minimum level of services.

Type of Facility		SPHERE Indicator	
Camp Area	Total open space	30-45 m <sup>2</sup> per person	 30 - 45 m <sup>2</sup>
	Fire breaks	2 m - minimum distance between tents	
Living Area	Covered floor area	3.5 m <sup>2</sup> per person	
	Water Points	1 water tap per 250 people 500 m from tent	
	Latrines	1 per 20 people 50 m away from tent	
	Refuse Disposal	100 m from tent	
Water Use	Total Basic Water Needs	7.5 - 15 liters per person per day Survival water intake need; basic hygiene; basic cooking.	

## ANNEX-I: IDENTIFIED SITES FOR DISPLACED PERSONS

S#	Location	No. of persons which can be accommodated	GPS Coordinates
1	Govt. Boys High School Lasharian, Tehsil Okara	500	X: 31.05 Y: 73.52
2	BHU Jandraka Tehsil Okara	200	X: 31.06 Y: 73.43
3	Govt. Boys Higher secondary School Gogera. Tehsil Okara	2000	X: 30.96 Y: 73.32
4	Govt. Boys High School Fatehpur Tehsil Okara	700	X: 30.95 Y: 73.28
5	Govt Boys High School Attari Tehsil Depalpur.	300	X: 30.60 Y: 74.04
6	Govt Boys High School Rohelatejeka Tehsil Depalpur.	500	X: 30.52 Y: 73.95
7	Govt. Middle School, Jamal kot Tehsil Depalpur.	1500	X: 30.45 Y: 73.83
8	Wild Life Park Head sulemanki, canal band Tehsil Depalpur.	1200	X: 30.37 Y: 73.86
9	BHU Malhushekhuka Tehsil Depalpur.	200	X: 30.36 Y: 73.71
10	Govt. Boys High School, Chuchak Tehsil Renala Khurd	500	X: 31.06 Y: 73.62
11	Union Council Office Mupalky Tehsil Renala Khurd	500	X: 31.05 Y: 73.36
12	Govt Boys High School Opposite Tehsil Office Renala Tehsil Renala Khurd.	1500	X: 30.87 Y: 73.59

## ANNEX-II: LIST OF HAZARD PRONE VILLAGES/REVENUE ESTATE (NAMES REQUIRED)

Hazards	Tehsils	UCs	Names of Revenue Estates	Names of Villages
Floods	Okara, Renala Khurd, Depalpur	UC. No. 1, 2, 3, 4, 5, 12, 14, 23, 26 (Tehsil Okara), UC. No. 103 to 111 (Tehsil Depalpur), UC. Mupalky, (Tehsil Renala Khurd)	List of Villages is placed on next page.	
Urban Flooding	Okara, Renala Khurd, Depalpur	UC. No. 89 to 100 (Tehsil Okara), UC. No. 103 to 111 (Tehsil Depalpur), UC. No. 36, 39, 102 (Tehsil Renala Khurd)	1/4L, 1-A/4L, 2/4L, 5/4L, 54/2L, Depalpur, Baseerpur, Havali, Hujra, Mandi Ahmad Abad, 21/2L, 22/2L, 28/2L.	
Flash Floods	Flash Flood are generally meant to be in the hilly areas exception is breaching of Bunds in the rivers/ canals can lead to Flash Flooding like situation in the adjacent areas of the District.			
Hill Torrent	No History of Hill Torrent in the District			
Tornado	No History of Tornado in the District			
Earthquake	Any area of the District can be prone to the effects / aftermath of this hazard.			
Drought	No History of Drought in the District			
Epidemic	Out break can be occurred depending on the Presence / activation of the vector / virus in the District			
Major Accidents (Fire, Building Collapse, Road traffic accidents, train accident, Stampede, plane crash)	Major Incidents (Fire, Building Collpase, Road Traffic Accident, Train Accident or Plane Crash) can be occurred where there is breach of safe working practices / non adherence to safety precautions in the District			
Environmental Hazards (industrial accidents, severe pollution etc.)	The population / setups in the vicinity of industries are more prone to the effects of such hazards			

**LIST OF VILLAGES LIKELY TO BE AFFECTED DUE TO FLOODS / RAINS**

Keeping in view the past experiences, the following villages are likely to be affected due to floods and rains.

**TEHSIL OKARA**

Sr.	Name of Settlement	Zone	Population (Census)
1	Mangan	Very High & Exceptional High	3099
2	Lashari	Very High & Exceptional High	9465
3	Dula	Very High & Exceptional High	1599
4	Thatta Lakhan	Very High & Exceptional High	1804
5	Jhedu	Medium & High	73
6	Thatta Sher	Very High & Exceptional High	37
7	Bohar Wala	Very High & Exceptional High	438
8	Arazi Mansoor Ke	Very High & Exceptional High	92
9	ThattaGehna	Very High & Exceptional High	162
10	Thatta Manak	Very High & Exceptional High	923
11	Maroola	Very High & Exceptional High	3759
12	Bama Zareen	Very High & Exceptional High	759
13	Lehi Zareen	Very High & Exceptional High	1976
14	Barwana	Very High & Exceptional High	883
15	KundBohar	Medium & High	335
16	Bonga Kharak Singh	Very High & Exceptional High	960
17	Jandraka	Very High & Exceptional High	12859
18	JawayiaKhitchi	Very High & Exceptional High	1029
19	Godha Khitchi	Very High & Exceptional High	633
20	Nota Khitchi	Very High & Exceptional High	864
21	JheduMangh	Very High & Exceptional High	550
22	ArazziBahar Shah	Very High & Exceptional High	979
23	Awan Bhulu	Very High & Exceptional High	307
24	Arazi JheduMemora	Very High & Exceptional High	58
25	Bhojian	Very High & Exceptional High	3548
26	Sharin	Very High & Exceptional High	4951
27	Thattanam Dar	Very High & Exceptional High	1230
28	HamandaKe	Very High & Exceptional High	2395
29	Baigke	Very High & Exceptional High	1102
30	Mari	Very High & Exceptional High	199
31	Chanumattam	Very High & Exceptional High	1243
32	DilluWattoo	Very High & Exceptional High	300
33	Fateh pur	Very High & Exceptional High	7519
34	Sona proka	Very High & Exceptional High	780
35	Gogera	Very High & Exceptional High	11677
36	Mansoor ke	Very High & Exceptional High	459
37	Dheruke	Very High & Exceptional High	2191
38	Othwal Khalsa	Very High & Exceptional High	2253
39	Jethiana	Very High & Exceptional High	3828
40	Massan Ke	Very High & Exceptional High	2999
41	Inayat Ke	Very High & Exceptional High	2252
42	Feroze	Very High & Exceptional High	2394
43	Peer Ali	Medium & High	3944
44	Padhar	Very High & Exceptional High	1503
45	Anoke	Very High & Exceptional High	210
46	MankiKhitchi	Very High & Exceptional High	496
		<b>TOTAL</b>	<b>101116</b>

**TEHSIL DEPALPUR**

SR	NAME OF VILLAGE	ZONE	Population (Census)
1	Bunga Amir singh	Very High	3763
2	Sander ke	Very High	2416
3	Saddar bala	Very High	232
4	Kawnimauja	Very High	717
5	Baggi Patni	Exceptionally High	423
6	Bodal Darya Ka	Exceptionally High	13
7	Jodha	Very High	108
8	Barianwala	Exceptionally High	199
9	Azeem ke	Exceptionally High	0
10	Mujahid ke	Very High	1583
11	Ghulam	Very High	551
12	Khewabazeedake	Very High	877
13	DhollRukna	Very High	849
14	BulandaTejeka	Exceptionally High	121
15	Chah Dhan Wala	Exceptionally High	176
16	Lalu Guddar	Exceptionally High	575
17	Bharoola	Very High	518
18	Naul	Very High	127
19	Dona Ahmad	Very High	366
20	Dona taja	Very High	69
21	Chaklalu	Exceptionally High	11
22	Dona Ghorka	Very High	153
23	MalavaMahtam	Exceptionally High	151
24	GhareebNaja ka	Medium & High	252
25	Rehman Saunka	Medium & High	1069
26	Hama Ladhu ka	Medium & High	336
27	Attari	Very High	5086
28	Basti karam	Medium & High	545
29	Puran	Very High	1038
30	Tallibhaggar	Exceptionally High	456
31	Chahbaggar	Exceptionally High	133
32	Bhamunauabad	Exceptionally High	302
33	Faqiria	Very High	299
34	Jamsher Mahar	Exceptionally High	320
35	Ali keRohaila	Exceptionally High	3717
36	Mallayke	Very High	684
37	Dhullayke Mahar	Very High	774
38	Qasimke Mahar	Exceptionally High	1078
39	Chakdara	Exceptionally High	430
40	KundthakarkeJagvira	Exceptionally High	708
41	Kanderke	Exceptionally High	490
42	Jhanger	Exceptionally High	710
43	Mohammad Usman	Medium & High	0
44	Chak Muhammad Pira	Exceptionally High	107
45	Moazam	Medium & High	105
46	Suleimanki	Exceptionally High	862
47	Mahar Sona alias NakiKe	Exceptionally High	377
48	Muhammad yar Chishti	Exceptionally High	255
49	Gung bukhshsani	Medium & High	634
50	Gung Bukhsh alias Pacca Chishti	Very High	160
51	Jewanpur	Exceptionally High	50
52	Khokar	Exceptionally High	54
53	Satiajhangar	Very High	222

54	Muhammad amira Muhammad Islam	Exceptionally High	0
55	Chak Muhammad Usman	Exceptionally High	54
56	Minaywali	Medium & High	920
57	Barayke	Exceptionally High	448
58	Rattayke	Very High	4201
59	Chormahtam	Exceptionally High	1115
60	Sujansinghwal	Medium & High	1006
61	Mohibali hither	Medium & High	317
62	Qaim Jinday ka	Exceptionally High	1797
63	Nama Jinday ka	Medium & High	2741
64	Rakhthakra	Medium & High	507
65	Izzat ke kala	Very High	1614
66	MalluSheikhu ka	Exceptionally High	1823
67	Bhai khan Sheikhu ka	Very High	1416
68	Moliachishti	Very High	1722
69	Noor shah	Medium & High	834
70	Wasusalam ka	Exceptionally High	577
71	Sujeke	Exceptionally High	2143
72	Jodhayke	Exceptionally High	223
73	Dona Mathel Salam ka	Exceptionally High	756
74	Kund Amar Singh	Exceptionally High	29
75	Qutab saru	Exceptionally High	761
76	Qila Bhagela	Exceptionally High	0
77	Nathukeabdal	Very High	566
78	Darazke	Exceptionally High	394
79	Walla Sheikhu ka	Exceptionally High	771
80	Tahlijamal	Exceptionally High	438
81	ShehrinRohela	Very High	613
82	Rakhabdalke	Medium & High	339
83	Dalilke	Medium & High	4136
84	Gunjbukhshbodla	Exceptionally High	153
85	Wan sarakwali	Medium & High	1134
86	Chakpir	Medium & High	2136
87	Kund sardar paroopia	Exceptionally High	81
88	Baqarke Mahar	Exceptionally High	491
89	Jaimalbazeeday ka	Exceptionally High	1970
90	Sabu ke Mahar	Exceptionally High	1086
91	Ameera Tejay ka	Medium & High	1889
92	Thakarkemakhna	Exceptionally High	1005
93	Dharanga	Medium & High	3121
94	Dara	Exceptionally High	430
95	Mahar Baqar	Medium & High	279
96	Thakarkebanda	Very High	1391
97	Dargan	Medium & High	1400
98	2/D	Medium & High	4804
99	Sangooke	Medium & High	494
100	Rajowal	Medium & High	13899
101	Hans hitharswala	Medium & High	1206
102	Kharralkalan	Medium & High	8691
103	Qila Sonda Singh	Medium & High	8095
104	Thakarke manga	Very High	633
105	Pana Mahar	Exceptionally High	2781
106	Nehal Mahar	Exceptionally High	5725
107	ChakBaqarke Mahar	Exceptionally High	491
		<b>TOTAL</b>	<b>130897</b>

**TEHSIL RENALA KHURD**

<b>Sr.</b>	<b>Name of Settlement</b>	<b>Zone</b>	<b>Population (Census)</b>
1	Mupalkey	Very High & Exceptional High	10676
2	Chakar keorar	Medium & High	227
3	Chakar ke par	Very High & Exceptional High	699
4	Tattar	Very High & Exceptional High	512
5	Salabat	Very High & Exceptional High	434
6	Gobafazal	Very High & Exceptional High	1380
7	Jehdujomion	Very High & Exceptional High	96
8	Jora	Very High & Exceptional High	1108
9	Melu-ke	Very High & Exceptional High	1530
		<b>TOTAL</b>	<b>16662</b>

[http://www.pbscensus.gov.pk/sites/default/files/bwpsr/punjab/OKARA\\_SUMMARY.pdf](http://www.pbscensus.gov.pk/sites/default/files/bwpsr/punjab/OKARA_SUMMARY.pdf)

## ANNEX-III:LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	BHU AKBAR	X: 30.89Y:73.28	PRIMARY	Mr.Ibrar Majeed HT 03007954423	FLOOD
2	BHU FATEH PUR	X:30.95 Y:73.28	PRIMARY	Dr.Nadia Ambreen 0333-8564688	FLOOD
3	RHC GOGERA	X: 30.94Y:73.32	PRIMARY	Dr.Rai Munsha 0346-6976379	FLOOD
4	BHU JANDRAKA	X: 31.07Y:73.44	PRIMARY	Saeed HD 0333-6977981	FLOOD
5	BHU LASHARIAN	X: 31.05Y:73.52	PRIMARY	Akhtar Ali HT 0345-4402244	FLOOD
6	BHU KUND BOHAR	X: 31.09Y:7.54	PRIMARY	Dr.Iqra Aslam 0341-6684187	FLOOD
7	RHC SHAHBHOR	X: 30.70Y:73.40	PRIMARY	Dr.Ramal 0331-3339857	URBAN FLOOD
8	BHU ROHELA TEJEKA	X: 30.52Y:73.94	PRIMARY	Dr.M Hayat 0347-8617272	FLOOD
9	BHU MAHANT DARSHAN	X: 30.39Y:73.80	PRIMARY	Dr.Zeshn 0300-8697108	FLOOD
10	RHC MANDI AHMED ABAD	X: 30.65Y:74.01	PRIMARY	Dr.Yousaf 0332-7191122	FLOOD
11	BHU BHEELA GULAB SINGH	X: 30.70Y:74.06	PRIMARY	Arshad Rashdi HT 0315-7932315	FLOOD
12	BHU JAMAL KOT	X: 30.45Y:73.83	PRIMARY	Dr.Shoaib Iqbal 0302-4375547	FLOOD
13	BHU MEHLU SHEIKHU KA	X: 30.36Y:73.71	PRIMARY	Ashfaq Disp 0307-9789605	FLOOD
14	THQ DEPALPUR	X: 30.66Y:73.66	PRIMARY	Dr.Adil Rasheed 0300-7549361	FLOOD
15	BHU MUPALKAY	X: 31.09Y:73.60	PRIMARY	Dr.Ameer Hamza 0318-4310575	FLOOD
16	DHQHOSPITALCITY OKARA	X: 30.81Y:73.44	SECONDARY	Dr. jam Shahzad 0300-4457941	URBAN FLOOD
17	DHQ HOSPITALSOUTH CITYOKARA	X: 30.78Y:73.48	SECONDARY	Dr.Ahsan Ilahi 0324-4904648	URBAN FLOOD

**ANNEX-IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS**

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GHS ATTARI	SCHOOL	30.3777190 73.7954480	440	Muhammad Khan ( IC) SST	0303-9651038
2	GHS ROHELA TAJEKA	SCHOOL	30.4701970 73.8298380	479	SHAHZAD ALI	0347-4437638
3	GGHS HEAD SULEMANKI	SCHOOL	31.097428 73. 543405	665	Saeeda Parveen	0300-4415717
4	GHS JAMAL KOT	SCHOOL	31°06'41.3N 73°38'20.1"E"	156	Muhammad Amir SST(IC)	0346-7400321
5	GHS MALHOO SHEIKHU KA	SCHOOL	31°06'39.4"N 73°36'49.8"E	306	Aurang Zaib SST (IC)	0308-5588086
6	GHS JANDRAKA	SCHOOL	30.4557360 73.8990820	874	Muhammad Mushtaq	0302-4950696
7	GGHS JANDRAKA	SCHOOL	30.4702130 73.8987010	1196	Rehna Kousar	0304-4569942
8	GHS FATEH PUR	SCHOOL	30.5351010 73.9680780	684	Muhammad Waseem Sajid	0300-6032002
9	GGHS FATEH PUR	SCHOOL	30.4919530 73.9166510	700	Manaza Batool SHM	0333-4577074
10	GHS RATTAKEY	SCHOOL	30.382103 73.782652	367	Noor Ahmad	0301-4569448
11	GHS SHAREEN	SCHOOL	30.58692 74.07071	629	IMRAN SHAHZAD	0301 7313526
12	GHS MOPALKE	SCHOOL	30.48252 74.06540	561	Amjad Khan	0345-7506393
13	GGPS Ghulam	SCHOOL	30.59079 74.07650	86	Shabnam Saddique	0322-8609643
14	GGPS Abadi Muhammad Yar Sangra	SCHOOL	School Closed	0	Mushtaq Ahmad (AEO)	0332-5300733
15	GGPS Qaim Jinde Ka	SCHOOL	30.3611750 73.6723800	118	UM E Habiba	0309-1194486
16	GGES THAKER KA MAKHNA	SCHOOL	30.39527 73.84544	141	SHAZIA NOREEN	0321-1654789
17	GGPS WASOO SALAM KA	SCHOOL	30.3801750 73.8203840	63	MUNAZZA SAEED	0333-0687844
18	GGPS JODHIKAY	SCHOOL	30.3777190 73.7954480	76	AMINA SAKHI	0300-6688453
19	GGPS THAKKER KAY BANDA	SCHOOL	30.4701970 73.8298380	80	Samina iqbal	0312-6084763
20	GMPS Kund Borh	SCHOOL	31.097428 73. 543405	96	Muhammad Sarwar	0345 6874568
21	GGPS MEHLOOKEY	SCHOOL	31°06'41.3N 73°38'20.1"E"	78	Nabiya Noureen	0342-6201512
22	GGPS TATAR	SCHOOL	31°06'39.4"N 73°36'49.8"E	182	Muneeba Rafiq	0306-5332518
23	GPS THAKAR KAY	SCHOOL	30.4069554, 73.8353428	40	Zafar Iqbal Watto	0301-7341982
24	GPS MATHELA SALIM KAY	SCHOOL	30.332469, 73.801438	46	Hafiz Zaman	0301-4164179
25	GPS SOJAY KAY	SCHOOL	30.382103, 73.782652	90	Zafar Iqbal	0303-6946099

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
26	GPS MUJAHID KEY	SCHOOL	30.58692, 74.07071	102	Naveed Ahmad	0333-6994548
27	GPS NASIR KEY	SCHOOL	30.48252, 74.06540	55	M. Tariq	0345-4501932
28	GPS bhai khan sheikhuka	SCHOOL	30.32514 73.70232	71	Zaheer Abbas	0306-0096670
29	GPS Ghulam Ahmed Shaheed	SCHOOL	30.4557360, 73.8990820	68	Iram	0312-0655193
30	GPS Baqarkay Mahar	SCHOOL	30.4702130, 73.8987010	110	Main Amir	0344-8097547
31	GPS Puran	SCHOOL	30.5351010, 73.9680780	146	Aftab Ahmed	0345-1405433
32	GPS Sabukay Mahar	SCHOOL	30.4919530, 73.9166510	98	Nasir Hussain	0346-4329310
33	GPS TATAR	SCHOOL	31.1115 73.6111	303	Shakeel anjum	0341-3508185

## ANNEX-V:LIST OF INDUSTRIES WITH THEIR RISK LEVEL

### Summary Of Industrial Entities, Airports/Land Strips, Oil Depot, Storage Facilities, Sensitive Installation Profile

Sr.	Type of Industry	No. of industrial, Airports, Land Strips, Oil Depot, Storage Facilities, Sensitive Installations	Hazards / risks
1.	Sugar Mill	2	<ul style="list-style-type: none"> <li>i) Small Spark or ignition</li> <li>ii) Sugar dust</li> <li>iii) work in confined spaces</li> <li>iv) Electric short-circuiting</li> <li>v) Boiler explosion</li> <li>vi) Smoking</li> <li>vii) lightening</li> <li>viii) Mechanical equipment hazards</li> <li>ix) entanglement</li> <li>x) risk of slipping</li> <li>xi) Use of flammable gases if any.</li> </ul>
2.	Poultry feed	8	<ul style="list-style-type: none"> <li>i) Boiler explosion</li> <li>ii) Electric short-circuiting</li> <li>iii) Arson fire</li> <li>iv) Gas leakage</li> <li>v) Smoking</li> </ul>
3.	Chemical manufacturing unit	1	<ul style="list-style-type: none"> <li>i) flammable materials</li> <li>ii) Explosive materials in some cases</li> <li>iii) Electric short-circuiting</li> <li>iv) Exposure with high temperature above than limit.</li> <li>v) Smoking</li> <li>vi) Arson fire</li> </ul>
4.	Paper & paper board	2	<ul style="list-style-type: none"> <li>i) Dust pollution</li> <li>ii) Boiler explosion</li> <li>iii) Electric short-circuiting</li> <li>iv) Use of flammable gases if any.</li> <li>v) Smoking</li> </ul>
5.	Foundry products	12	<ul style="list-style-type: none"> <li>i) Exposure with high temperature above then limit.</li> <li>ii) Electric short-circuiting</li> <li>iii) Entanglement and mechanical</li> <li>iv) Smoking</li> </ul>
6.	Textile spinning	1	<ul style="list-style-type: none"> <li>i) Small Spark or ignition</li> <li>ii) Dust particles</li> <li>iii) work in confined spaces</li> <li>iv) Electric short-circuiting</li> <li>v) Boiler explosion</li> <li>vi) Smoking</li> <li>vii) lightening</li> <li>viii) mechanical</li> <li>ix) equipment hazards</li> <li>x) entanglement</li> <li>xi) risk of slipping</li> <li>xii) Use of flammable gases if any.</li> </ul>

7.	Rice mills	70	i). Boiler explosion ii). Dust pollution iii) lightening iv) Smoking v) Use of flammable gases if any.
8.	Soap & detergent	3	i). Mechanical ii) Electrical iii) Smoking iv) Use of flammable gases if any.
9.	Food products	1	i) Boiler explosion ii) electric iii) Smoking iv) Gas v) Use of flammable gases if any.
10.	Vegetable ghee and cooking oil	2	i) Boiler explosion ii) Electric iii) arson iv) Mechanical v) Use of flammable gases if any. vi) Smoking
11.	Cold storage & Ice Factory	113	i) Boiler explosion ii) Smoking iii) Electric iv) ammonia gas leakage v) Mechanical vi) Use of flammable gases if any.
12.	LPG Plants	03	i) Leakage of cooling agents (ammonia & chlorine) ii) Electric short-circuiting iii) Mechanical iv) Smoking vi) Use of flammable gases if any.
13.	Oil Depot (Under Army Control at Cantt)	01	i) Leakage of oil ii) Electric short-circuiting iii) Mechanical iv) Smoking vi) Accumulation of Vapors cloud in confined space vi) Arson
14.	Airport / Land strip (Under Army Control at Cantt)	01	
	<b>TOTAL</b>	<b>217</b>	

## ANNEX-VI:LIST OF NGO WORKING IN THE DISTRICT

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
1	Al Mustafa Welfare Society chak no.14 G.D Okara	Local	District	Health (Dispensary , vocational centre)	Manzoor Ahmed 0300-8690214 Irshad Ahmad Aasi 0308-7502214 Ejaz ul Haq 0333-6961314
2	Anjuman Falah-e-Amma Thatta Ghulam ka 31 G.D okara	Local	Tehsil	Women & Yout Welfare & Incom generating (Vocational centre)	Ahmad Ali 0305-6724460 Farooq Ahmed 0300-4174360 Rukhsana Hussain 0333-4683851
3	Feeling Welfare Foundation Resheed twn Tehsil Renala Khurd District Ok	Local	Tehsil	Education (school)	Rao Abid Javid 0303-3333825, M.yousif 0322-6967906 Junid Sadiq 0303-3333825
4	Anjuman Rrfah-e-Amma Chak No.54/2.L Okara	Local	Tehsil	Women Welfare (Vocational centre)	Ch.M.Saleem 0300-7955983 M. Naveed 0303-79084322 Nasir Hussain 0300-7955983
5	Asha Cmmunity Welfare Society B-block housing scheme Renala khurd	Local	Tehsil	Health (free Dispensary)	Aftab Ahmad 0337-0435278 Mehboob Ahmad 0322-6958870 M. Javid Iqbal 0337-0435278
6	Muskan welfare Society Faizan-e-Sunat Housing Scheme.Rnala khurd	Local	Tehsil	Health & Women Welfare (Dispensary , vocational centre)	AFTAB AHMAD0301-7319554 Nasreen Aftab 0301-7342900 Rukhsana Sahar 0300-7537939
7	Rehmania welfare Society Chak no.34/4.Okara	Local	Tehsil	Education (school)	Hafiz M.Ishfaq 0300-7539434 Haji M.Ramzan 0301-7391134 Hafiz Ghulam Qadar 0345-7535235
8	Social Welfare Society Chak no. 21/G.D Okara	Local	Tehsil	Women Welfare (Vocational centre)	Abdul Latief 0347-8505714 M.Anwar 0333-6997058 M. Javed Iqbal0335-4570121
9	Tahffoz-e-Haqooq niswan welfare Society 38-Waris Colony Okara	Local	Tehsil	Religious Education (Deeni Darsgah, School)	M. Noraiz0300-6962033
10	Tallu Welfare Society Sher ka Balla Renala Khurad	Local	Tehsil	Youth Welfare (Awareness)	Ijaz Hussain 0345-8515315
11	Al Nisa Welfare Society Main Bazar New Lalazar Colony Okare	Local	District	Health & Education ( Vocational School & Hospital)	M.Yaseen 0301-3188022 tjamul Aziz 03457895451 M. Waseem 0305-6756586
12	Al Madina Welfare Society Sher-e-Rabbani Town Okara	Local	Tehsil	Health (Hospital)	M. YOUNIS 0322-6972006 Rafi Raza 0321-6950192 Inam Ullah 0322-6972006
13	Al Khidmat Welfare Society Mehlokay Renala Khurad	Local	Tehsil	Health (Hospital)	Aslam Tanveer Shah 0300-6961436 ALI ASIF SHAH 0341-4141085 Baber Shah 0344-8484083

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
14	Anjuman Behbood-e-Khawateen, Shamsia Colony Akbar Road Okara	Local	Tehsil	Education (Deeni Darsgah, Vocational centre)	Mian Hamad Bakhsh 0300-8446489 Shahzad Bakhsh 0300-6952086 kashif mehmoood 0333-6961170
15	Amman Foundation Dar-ul-Ahsan Town, Okara	Local	Tehsil	Health & Education (free Dispensary, vocational centre)	Faraz Hussain 0301-8100006 Rai Safder Hussain 0321-4504485 Haroon Bashir 0300-6975966
16	Anjuman sehat Amma old maal mandi okara	Local	Tehsil	Health (hospital)	Hagi M. Shafiq 0321-6974818 M. LATIF 0300-9694197 Hagi Ghanzenfer 03021-3266107
17	District T.B. Association Okara	Local	Tehsil	Health (T.B calinc)	SYED <b>AFZAAL</b> HIDER 0300-8441132
18	Darul Ehsan Welfare Society, Katcher Bazar, okara	Local	Tehsil	Health Welfare (blood center)	M. AYYUB RASHID 0300-6953769 Hagi M. Latif 0300-6994197
19	Idara Khidmat Amma Near Tehsil TMA Office Okara	Local	Tehsil	Health Welfare Hospital	UZEAR SALEEM 0321-6954100 Muhammad Anwer Abdul Rehman
20	Idara Flah-e-Insanyat 28-Rauf Market,Okara	Local	Tehsil	Health & Women Welfare (Hospital vocational centre)	Shekh .M.Tahir 03007532590 Muhammad Sarwer 0321-6960722 M. AKRAM 0322-4811113
21	Mehfooz Memorial social Welfare socity Mohalla Siddique Nager,G.T Road,okara	Local	Tehsil	Health Welfare (Hospital)	Rao Sabir 0300-6954153 M. ABDULLAH Ali 0334-7441617 Ashraf Maseehi 0300-4131676
22	Social Welfare Society Govt. colony okara	Local	Tehsil	Youth Welfare (Awareness)	M. Gafran 0333-6989696 Manzoor Javid Rahi 0315-9479844 Abid Khalil 0331-7411345
23	Social Welfare Society chak No32/2.Lkara	Local	Tehsil	Women Welfare (Vocational centre)	Qamer ali shah 0309-8026076 Abdul Gafaar 0301-6362832 Tahir Mehmoood 0300-6964270
24	Social Welfare Society moza Joia kara	Local	Tehsil	Health (free dispensary)	Rana Ishfaq Ahmed 0300-4447716 Mujahid Akram 0300-4447716 Rauf Azam 0345-7520034
25	Hope and Health Association chak No 56/2.L Okara	Local	Tehsil	Health Welfare (Hospital)	M. Akram Sajjad 0300-6973359
26	Roshan Welfare Assciatin Pasban Tower Near Jinnah Park Benzir Avenue	Local	Disttric	Health Welfare (Hospital)	Rana Ghulam Sabir0300-0334601 Sohail Rasheed 0345-8551168 Raees Ahmad 0300-0334601
27	Okara free Welfare trust Shamsia Colony Okara	Local	Tehsil	Health Welfare (Hospital)	M. Hassan 0300-4002882 Izhar-ur-Haq 0300-4002882 M. Ais Sab 0322-6951781
28	Rehmat-lil-Alameen Welfare Organizatin 75,Bll,25 F BLCK Okara	Local	Tehsil	Health Welfare (free hospital)	Muhssan Khalid 0321-3217799 Zaheer Ahmad Saleemi 0302-4918005 Naseer Ahmad saleemi 0321-3217799

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
29	ABDUL SATTAR SABRY WELFARE FOUNDATION 24/2.L, Renala Khurd	Local	Tehsil	Health Welfare (Awareness & Dispansary)	SHAFIQ SABIR 0300-8263463 M. Anwar Faridi 0305-7931386 M. Hassnian Javid 0324-4122663
30	Sharifa Khalid Welfare society, Akhter Abad, Renala Khurd	Local	Tehsil	Education (school)	M. Saleem Aziz 0315-4115626
31	Muslim Welfare society Govt. colony okara	Local	Tehsil	Health & Education (school & free dispansary)	CH.M Asghar 0340-1055786 FAHID ASGHAR 0300-3339689 Tariq Mumtaz 0305-8490377
32	Anjumam Flah-e- khawateen Shah Din town, Okara	Local	Tehsil	Women Welfare (Awareness)	Rahila Ishaq 0308-7000048 Javairia Zafar 0304-6712247 Sajida Ishaq 0308-7000047
33	Idara shoor new lalazar colny okara	Local	Tehsil	Anti Narcotacs (awareness)	Shameem ul Haq 0321-6952438 Ahmad Jalil 0321-6951588 Habib-ur-Rehman 0300-1006696
34	DOST (Dev:Organiztion for social Transfrmation) Near thana sader Gogera, Okara	Local	Tehsil	Education, Health & Youth Welfare (Letracy school , free dispansary & awarness)	Rai Maqood Ahmad 0300-7951774 Mehmood Ahmed 0300-6652854 M. Amir 0321-6970926
35	Altfat Welfare society AP-4 ,okara	Local	Disttric	Education (Labour education)	Shagufta Naz 0334-4212129 Asma Sultana 0333-0960809 Ahmad Maaz Shahid 0336-1077243
36	Ravi Welfare society 362- Faisal colony near Ali Free Hospital,Okara	Local	Disttric	Youth Welfare & Education (awareness& computer center)	M.Atif 0314-7885458 M. Usman 0320-6000980 M. Asif 0345-7494412
37	MADA(Movement Against Drug Abuse), Benazir Road,Okara	Local	Tehsil	Drag Abuse (awarness)	M. Mazher Rashid 0333-6963372 Saima Rashid 0331-7438678 Samina Ijaz 0313-7321169
38	Green Land WelFare society W-Block Govt Colony Okara	Local	Tehsil	Youth Welfare (awarness)	M. Salman Khan 0314-3562002 Akhter shah 0300-6970464 M. Noman Zafer 0333-6668541
39	Social Welfare Society Moza Lasharian,Okara	Local	Tehsil	Health Welfare (awarness& free eye camp)	Bashir Ahmad Tahir 0345-4574730 M.Raza 0345-7532594 Shekh Sarfarz 0345-4574730
40	A.M Welfare society Husnain Arced Renala khurd	Local	perivision	Health & Women Welfare (Hospital, vocation center , awarness)	Ghulam Murtaza 0300-6979966 Ghulam Mustafa 0333-6973565 Ghulam Qader 0300-6969859
41	Nai soch Foundation Afzal Twn, Renana khurd	Local	Tehsil	Women Welfare (awarness)	M.Yousif 0346-7435610 Ch. Sharifat Ali 0345-7535614 M. Khalil Bahtti 0345-7519530
42	Human Services Welfare Foundation Eid Ga Rad Okara	Local	Tehsil	Education (school)	Sadaqatt Mashhi 0308-7623065 Yasmeen 0307-5386980 Imran Sarwar 0308-7623065

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
43	Health & Welfare Society Renana Khurd	Local	Tehsil	Health Welfare Health & awarness	Shabana Amir 0300-4430919 M. Usman Sharif 0313-6962515 Mohsin Ali 0304-6831051
44	Bright Future Welfare Foundatin, Chak NO.14/1-L Renala Khurd	Local	Tehsil	Youth Welfare (awarness)	M.Shakil 0343-4552370 Fayza Malik 0302-6588373 Hina Noor 0305-5911601
45	Inqlab-e-Ravi Welfare Foundation Wah Bhullah Tehsil Okara	Local	Tehsil	Health (free Medical camp)	Rai Faisal Abbas 0345-6965050 GHULAM MURTAZA 0321-6964303 M. Atif 0303-3005353
46	Al Noor Special children Welfare Associatin Okara cantt	Local	Disttric	Spical Child Welfare (school)	Khurshid Durani 0321-9577111 SIDRA SALEEM 0307-8394486 Faisal Qureshi 0321-4269110 Humira Aslam 0304-2851622
47	Al Saddique Welfaer Fundation, Sabri Colony Street no. 9. okara	Local	Tehsil	Education (school)	M.Naeem Akhter 0333-6971173 M.Rafiq 0323-4848148 M. Shahbaz 0333-6971173
48	Saaiban for needy humanity press club, Okara	Local	Tehsil	Youth Welfare (awarness)	Munir Ch. 0300-4150381 Shafiq ur Rehman 0300-6971588 Rana Nasir Iqbal 0300-3714040
49	jeevan 28-Lalazar, Colony, Okara	Local	Tehsil	Youth Welfare (awarness)	Abdul Wahid 0321-6956325 khaleed Naseer 0321-6956325 Nadeem Akhtar 0321-6956325
50	Anjuman Behbood-e- Khawateen, Muslam Town Renala khurd Okara	Local	Tehsil	Women Welfare (awarness)	Sadia Bashir 0306-3856830 M. Muhtashim 0346-7434014 Rakshanda Tahir 0306-3856830
51	Umeed Welfare Foundation Chonia road Hujra shah Muqeeem	Local	Tehsil Depalpur	General Welfare	Zulfiqar Ali 0300-6970113 M. Ali 0301-7352461 Basam Uzair 0300-7533995
52	Anjumen Razaqia Muhallah Razaqia Depalpur	Local	District Okara	Child Welfare	M. Sadique 0322-4265984 Kanwar Masoom Ahmed Razaqi 0333-6977810 Hafiz Ghulam Qadar Razaqi 0331-1070472
53	Anjuman-e-Khudam-e- Rasool Ullah Akhtar abad road sher ghar	Local	District Okara	Education & Health	Syeda Matanat Mohsin 0300-7533935 Raja M. Ishaq 0301-4278226 Muhammad Aslam
54	Anjumen Falah e Marizan Mohallah Eid ghah Haveli Lakha	Local	Tehsil Depalpur	education	M Naeem Raza 0333-6975750 M. Amin 0300-8698471 M Saeed Raza 0333-6975194
55	Young Welfare Society Chak No 40/D Depalpur	Local	Tehsil Depalpur	General Welfare	M. Zahid Sharif 0300-8831223 Nasir Bashir 0300-6016330 Faisal Iqbal 0345-4799407
56	Anti T.B Association near Bus Stand, Haveli Lakha	Local	District Okara	Health	Bashrat Hussain 0333-6975238 Khalid ali khan 0333-6983183 M Iqbal Nadeem 0333-6974667
57	The Human Welfare Foundation, Mouza Doula Sultan Basirpur	Local	Tehsil Depalpur	Health	Shahzad Ahmed 0333-6996693 Zaheer Abbas 0345-7539971 Farooq Ahmed 0346-7177586

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
58	Daniel & Catherine's Foundation	Local	District Okara	General Welfare	Ashfaq 0310-4355790 Ansa Root Saima francis 0322-6915255
59	Awmi Falahi Society Railway road Basirpur	Local	Tehsil Depalpur	Awariness	Akram Hashmi 0345-4141222 Zeshan akram 0323-7109553 Zafar Khalil 0345-4611398
60	Millat Welfare Foundation Depalpur	Local	District Okara	Health	M. Arshad 0300-6956850 Akbar Ali Sajid 0302-7965566 Waqar Ahmed 0303-4255541
61	Ch. Atta Elahi Welfare Eye Trust, Near Railway phatak Haveli lakha	Local	Tehsil Depalpur	Health	Dr Mrs Azra Akram Dr Imran Akram 0334-3158851 Dr Aysha Imran khan
62	Prism of Life Mohallah jandi Haveli lakha	Local	Tehsil Depalpur	Health	Irfan Ijaz 0333-6979203 A. Rehman Farooqi 0321-4305070 M. Ramzan Shafi 0300-6130003
63	Anjuman Falah-o-Behbood Gilani Chowk Basirpur	Local	Tehsil Depalpur	Woman Welfare	Inam allah 0313-8585785 Ahmed Ali 0300-7954923 Muhammad Waris 03457995200
64	Hussain Welfare Mank Kambo Haveli Lakha	Local	District Okara	Health	Aftab Ahmed 0321-7106648 Mazhar Naem 0301-7339264 M Amin Abid 0301-3163503
65	Mukhlaseen Welfare Society, Mohallah bari sb Hujra shah Muqem	Local	Tehsil Depalpur	education	Shumaila Sunam 0304-9581305 Saleem Sajad 0302-4525554 Biniameen Chishti 0300-7957003
66	Bismillah Welfare Society Mohallah Sadiq Nagar Sher ghar	Local	Tehsil Depalpur	Education	Main M Aslam 03076601957 Nadar Ali 0301-5730558 Mian Mushtaq Ahmed 0301-739350
67	Sahara Welfafre Society Near Bus stand Depalpur	Local	Depalpur	Woman Welfare	Nawab ali 0300-7951560 Mumtaz bi bi 0300-7535160 Imran Aslam 0305-6732065
68	The HOPE Rural Social Development Organization Old RHC Haveli lakha	Local	Tehsil Depalpur	Health	Mirza Bashrat Hussain 0333- 6975238 Muhammad Isahaq 0333- 4242888 Ghulam Rasool 0333-4847210
69	Help Foundation Churast 38/D Depalpur	Local	Tehsil Depalpur	Education	Imtiaz Ahmed 0345-6928287 Abdul Basit 03044772006 Hafiz ahsan Saif 0300-7607749
70	Rukhsana Memorial Health & Education Society Moza Rohaila Tejyka	Nil	Tehsil Depalpur	Nil	Farzana Yasmeen Rab Nawaz khan
71	Al Sirat Welfare Foundation Mancharian	Local	tehsil Depalpur	Education	M. Imran 0303-9006339 M Shakeel 0313-6995233 M. Nazir 0303-6823013
72	Al-Adal Welfare Foundation Bhai ky lal chand Hujra shah muqem	Local	Tehsil Depalpur	Woman Welfare	Surya Fatima 0306-9254925 Nusrat begum Amina Gilani 0303-5234940

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name with Contact No.
73	Al-Qadar Welfare Organization Chowk Hujra shah Muqeem	Local	Tehsil Depalpur	Health	M Afzal 0300-7530304 Raja Ghulam Sabar 0305-7392464 Abdul Razzaq 0300-4493788
74	Naseeb (REV) Welfare Foundation ketchery chowk Depalpur	Local	Tehsil Depalpur	Health	Naveed Saqlain 0300-6959938 M Saleem 0300-7530682 Malik Sarwar awan 0300-7530818
75	Crestal view foundation Depalpur M.A Jinah road Okara	Local	District Okara	Awariness	Rana M Imran 0348-4119636 Aamir Shahzad 0300-6954845 Shuban Rasool 03216952152
76	Al Rahman Welfare Foundation Pakpattan road Depalpur	local	Depalpur	Health	Khalid Nadeem 0300-6971597 Arisha Fatima 0302-8828112 Zaima Khalid 0302-3378780

## ANNEX-VII: CONTACT LIST OF MAIN STAKEHOLDERS/ DEPARTMENTS

Sr.	Department/Designation	Name of Officer	Telephone Numbers		Mobile Number
			Office	Residence	
1	Deputy Commissioner, Okara	Ahmad Usman Javid	044-9200025-26	044-9200027	0341-0922063
2	DPO, Okara	Rashid Hadayat	044-9200351	044-9200352	0341-5000003
3	ADC (R), Okara( <b>Focal Person</b> )	M. Ibrahem Arbab	044-9200251	-	0301-5947668
4	ADC (G), Okara	Umer Tayyab	044-9200035	-	0300-8830067
5	ADC (F&P), Okara	Abdul Jabbar	044-9200039	-	0341-7304237
6	DMO, Okara	Marghob Ali	044-9200256	-	0313-4348114
7	CEO Education, Okara	M. Yousaf	044-9200051	-	0345-7055185
8	Dy. Director Colleges, Okara	M. Sher Baz	-	-	0334-6489110
9	CEO Health, Okara	Dr. Saifullah Waraich	044-9200136	-	0333-6988242
10	AC Okara	Ahsan Mumtaz	044-9200252	-	0332-8864496
11	AC Depalpur	Naeem Bashir	0444-540425	-	0332-8034176
12	AC Renala Khurd	Anam Ali	044-2636089	-	0374-4338626
13	GAR Okara	-	044-9200036	-	-
14	DO (IPWM), Okara	Khalid Javed Bhatti	-	-	0301-7341102
15	Superintendent Eng. LESCO	Syed Qurban Ali	-	-	0320-0521400
16	XEN Irrigation LBDC Okara	Huzaifa Shokat	044-9330009	-	0303-4937504
17	XEN Irrigation Suleimanki	Hafiz Riaz	0444-780155	-	0302-3750100
18	XEN Khanwah Division Depalpur	Mustafa Ali	0444-541114	-	0300-7913675
19	XEN Irrigation Balloki	Zeshan Abu Bakkar	049-4610300	-	0342-7670732
20	XEN Highways, Okara	Jawad Asghar	044-9200199	-	0300-5244900
21	XEN Buildings, Okara	Tamoor Ali	044-9200417	-	0307-6149076
22	XEN PHED, Okara	Khubaib Irshad	044-9330091	-	0334-4157308
23	DD Information, Okara	Syed Salman Hussain	044-9200013	-	0335-4583582
24	DD Agriculture, Okara	Ejaz Ahmed	044-9200264	-	0300-8047211
25	DD Environment, Okara	Manza Naseem	044-2702066	-	0321-9638373
26	DD Social Welfare, Okara	Ishtiaq Ahmad Khan	044-9200303-	-	0300-7537247
27	DO Civil Defence, Okara	Waqar Akbar	044-9200259	-	0323-6462689
28	DEO Rescue 1122, Okara	Eng. Ehtisham	044-9200009	044-9200231	0333-8881122
29	Secretary DRTA, Okara	M. Ibrahem Arbab	044-9200115	-	0301-5947668
30	AD Livestock, Okara	Dr. Haq Nawaz	044-9200268	-	0332-6963284
31	Dist. Food Controller Okara	M. Akhtar	044-9200055	-	0300-8694910
32	Divi. Forest Officer, Okara	Mustaq Chughtai	044-9200058	-	0333-6618797
33	Incharge SNGPL, Okara	Ali Raza	9330094-95	-	0332-4218484
34	SNA Okara	Afzal Hussain	044-9200255	-	0333-4751331
35	Tehsildar Okara	Usman Ahmad	044-9200253	-	0321-6743223
36	Tehsildar Depalpur	M. Tahir	-	-	0300-4849176
37	Tehsildar Renala Khurd	Zaheer Ahmed	044-2636146	-	0300-4580146
38	CO District Council Okara	Rana Naveed Ahmed	044-9200294	-	0301-6907744
39	CO, MC Okara	Umar Naseem	044-9200454	-	0333-8402836
40	CO, MC Renala-Khurd	Zille Huma	044-2635215	-	0334-4611135
41	CO, MC Depalpur	Farooq Irshad	0444-540148	-	0300-8997559
42	CO, MC Basirpur	Arham Nazir	0444-772504	-	0300-4208177
43	CO, MC Hujrah	Attar Farooq	0444-680995	-	03026986230
44	CO, MC Haveli Lakha	Arham Nazir	0444-735322	-	0300-4208177
45	CO, MC Mandi Ahmedabad	Arham Nazir	-	-	0300-4208177

## ANNEX-VIII: LIST OF VOLUNTEERS

S#	Volunteer Name	CNIC	Address	Contact Number	Time Required to be on-board
1.	Ali Ahmed S/O Muhammad Hanif	35302-7502276-9	3/4-L Okara	0322-7076360	24 Hour
2.	Asad Ali S/O Muhammad Iqbal	35302-0632500-5	Garden Town Okara	0308-5325309	24 Hour
3.	Ali Ehsaan S/O Muhammad Ehsaan	37201-3134198-3	Okara	0336-9794154	24 Hour
4.	Muhammad Waqas S/O Abdul Jabbar	35302-7064750-7	Ahmadabad Okara	0332-7408760	24 Hour
5.	Amjad Fahim S/O Dost Muhammad	35302-2623761-3	Taj Town Okara	0343-6788812	24 Hour
6.	Khalid Mehmood S/O Noor Ahmed	33302-3692179-3	Shafaqat Block Okara	0303-2529390	24 Hour
7.	Ajaz Ali S/O Abdul Rasheed	35302-6839094-9	Ahmedabad Okara	0306-1031643	24 Hour
8.	Imran Maqbool S/O Maqbool Ahmed	35302-7000290-3	1/4L Okara	0305-6684467	24 Hour
9.	Azhar Hussain Shah S/O Syed Malik Ali Shah	35302-3780813-5	55/BD Okara	0304-9239755	24 Hour
10.	Sohail Anjum S/O Muhammad Iqbal	35301-8304057-5	Aziz Park Okara	0304-7189790	24 Hour
11.	Muhammad Haroon Aslam S/O Muhammad Aslam	35302-1279400-1	25/2.R Okara	0346-1454113	24 Hour
12.	Uzair Farooq S/O Mushtaq Ahmed	35302-2115710-1	Ahmedabad Okara	0326-9367220	24 Hour
13.	Sabir Iqbal S/O Noor Ahmed	35302-3843291-3	Shafaqat Block Okara	0307-1534352	24 Hour
14.	Anas Rehman S/O Muhammad Akram	35303-6788062-9	Chak No. 9/GD Renala Khurd Okara	0340-4145155	24 Hour
15.	Waseem Haider S/O Muhammad Rafiq	35302-97811694-1	Chak No. 1/4-L Okara	0322-6953245	24 Hour
16.	Muhammad Shafique S/O Muhammad Hanif	35302-0867857-5	Satgara Okara	0304-685508	24 Hour
17.	Abid Ali S/O Muhammad Ali	35302-6162157-3	Shafqat Block Okara	0333-6945213	24 Hour
18.	Muhammad Khalid S/O Baag Din	35302-9525929-9	Ghafoor Colony Okara	0328-7261526	24 Hour
19.	Abdul Hafeez S/O Muhammad Ramzan	35302-1493576-1	-do-	0305-9591490	24 Hour
20.	Mustanser Ali S/O Sultan Ahmed	35302-2010306-3	Hussain Colony Okara	0309-6916728	24 Hour
21.	Rizwan Ibrar S/O Muhammad Ibrar	35302-4614962-7	Shafquat Block Okara	0304-6842732	24 Hour
22.	Abdul Rehman S/O Muhammad Khalid	35302-7824936-5	Ghaziabad Okara	0336-5190525	24 Hour
23.	Muhammad Jumma Khan S/O Arif Hussain	35302-9324537-7	51/3-R Okara	0332-7871404	24 Hour
24.	Abdul Muqheet Showkat S/O Showkat Ali	35302-8972191-9	Qaimpura Okara	0324-7580070	24 Hour
25.	Jamshaid Imran S/O Muhammad Ameer	35302-9132518-5	25/2.R Okara	0341-8460752	24 Hour
26.	Ahmed Ali S/O Mehar Din	35301-2013107-3	Ghafoor Colony Okara	0300-8872542	24 Hour
27.	Sana Ullaha S/O Amanat Ullaha	35302-5844139-3	-do-	0301-2786427	24 Hour
28.	Muhammad Hassan S/O Muhammad Ashraf	35302-0827259-3	Ghafoor Colony Okara	0305-4227284	24 Hour
29.	Nabeel Showqat S/O Showqat Ali	35302-0401745-1	-do-	0309-9081591	24 Hour
30.	Amaanullah S/O Ammant Ali	35302-2894581-3	-do-	0304-3354691	24 Hour

S#	Volunteer Name	CNIC	Address	Contact Number	Time Required to be on-board
31.	Muhammad Ashraf S/O Manzoor Hussain	35302-1299681-3	Shafquat Block Okara	0340-6156165	24 Hour
32.	Anayatullah S/O Amanatullah	35302-9560440-9	Ghafoor Colony Okara	0301-7352556	24 Hour
33.	Muhammad Ahmed S/O Muhammad Sarwar	35302-9108094-5	Ali Pur Okara	0303-9700396	24 Hour
34.	Javed Aslam S/O Muhammad Aslam	35302-9787007-3	Ghafoor Colony Okara	0309-4525351	24 Hour
35.	Abdul Noman S/O Abdul Sattar	35301-5237400-3	-do-	0327-7707413	24 Hour
36.	Nasrullah S/O Amanatullah	35302-7695002-7	-do-	0302-3331110	24 Hour
37.	Younis Ali S/O Ahmed Ali	35302-1983781-9	Cha Hassna Akbar Okara	0344-6748445	24 Hour
38.	Khurram Shahzad S/O Muhammad Shabaz Hamayo	35302-5902429-9	54/2.L Okara	0307-7456419	24 Hour
39.	Mehmood Qasim S/O Muhammad Ishaq	35302-5428290-9	Fasial Colony Okara	0333-6961360	24 Hour
40.	Mriza Akram S/O Muhammad Din	35302-6764915-1	Gafoor Clony Okara	0307-7661509	24 Hour
41.	Irfan Bashir S/O Bashir Ahmed	35302-4551937-1	Ahmedabad Okara	0321-6960828	24 Hour
42.	Muhammad Irfan S/O Ghullam Murtaza	35302-8527208-1	Mouza Kohla Okara	0347-2296219	24 Hour
43.	Ali Usman S/O Muhammad Ismayil	35302-8022263-5	42/3-R Okara	0343-6771035	24 Hour
44.	Sajid Khan S/O Muhammad Sadiq	35302-8548912-1	Azeemabad Okara	0307-9113378	24 Hour
45.	Muhammad Saleem S/O Khalil Ahmed	35301-8304057-5	Dohlla Pokhta road Okara	0301-0622241	24 Hour
46.	Haider Ali S/O Muhammad Alam	35302-4956048-9	Samadpura Okara	0303-5120083	24 Hour
47.	Fahim Mustaq S/O Mustaq Ahmed	35302-1817296-1	48/3-R Okara	0301-7950159	24 Hour
48.	Ahmed Yar S/O Muhammad Ameer	35302-9868162-1	44/2.L Okara	0304-9239955	24 Hour
49.	Rao Ajmal R/O Muhammad Ali	35301-4649171-0	Gulshan Iqbal Town Okara	0309-2244190	24 Hour
50.	Muhammad Showab S/O Muhammad Ajmal	35302-9955147-9	Sirki Mohlla Okara	0301-3378600	24 Hour
51.	Ashan Ali S/O Abdul Nasir	35302-8772130-4	45/3R Okara	0347-8474530	24 Hour
52.	Muazam Mehmood S/O Azhar ul Hasan	35301-5605513-7	Shair garh Okara	0301-7301435	24 Hour
53.	Muhammad Saleem S/O Mukhiar Ahmad	35302-6985698-7	Ameen Town Okara	0313-6969165	24 Hour
54.	Muhammad Asif S/O Naseer U Din	35302-2022386-7	Eid Ghah Okara	0301-7311946	24 Hour
55.	Muhammad Usman S/O Muhammad Rafique	35302-7167532-1	Ahmedabad Okara	0312-7743378	24 Hour
56.	Babar Manzoor S/O Manzoor Ahmad	35301-2991742-3	Basirpur Okara	0343-0469161	24 Hour
57.	Saeed Mehmood S/O Maqbool Ahmad	35303-9070388-5	14/1.AL Okara	0340-4331734	24 Hour
58.	Umar Frooq S/O Mustaq Ahmad	35302-7238071-5	Ahmedabad Okara	0312-0688566	24 Hour
59.	Haji Rafique S/O Rehmat Ali	35302-4287089-3	1/4-L Okara	0312-3992234	24 Hour
60.	M. Ramzan S/O M. Sharif	35302-1765241-1	52/2.L Okara	0346-2084401	24 Hour
61.	Abdul Ghani S/O Noor Ahmad	35302-2008856-9	Qadir Colony Okara	0344-6772598	24 Hour
62.	Abdul Hameed S/O Kusi Muhammad	35302-8424120-1	Samadpura Okara	0345-7506024	24 Hour

S#	Volunteer Name	CNIC	Address	Contact Number	Time Required to be on-board
63.	Muhammad Shahbaz S/O Muhammad Asifaqu	35302-7763426-1	Latifabad Okara	0305-30544110	24 Hour
64.	Haq Nawaz S/O Muhammad Rifque	35302-2040393-1	Ghafoor Colony Okara	0302-5324211	24 Hour
65.	Atif Javed S/O Muhammad Javed	35302-6052290-9	Saddar Bazar Okara	0322-6945943	24 Hour
66.	Muhammad Yaseen S/O Noor Ahmed	35302-2008863-7	Qadir Colony Okara	0301-7534951	24 Hour
67.	Muhammad Naeem S/O Ashifaq Ahmad	35302-1970171-9	Hisan Town Okara	0301-7318077	24 Hour
68.	Muhammad Iqbal S/O Munir Ahmad	35302-0225250-5	MadniTwon Okara	0301-7369401	24 Hour
69.	Muhammad Irfan S/O Kushi Muhammad	35302-6276264-1	Seith Colony Okara	0336-7017419	24 Hour
70.	Abdul Manan S/O Abdul Jabbar	35302-6391531-9	Ahmadbad Okara	0302-9010316	24 Hour
71.	Haq Nawaz S/O Gulam Fareed	35302-6566586-7	Govt Colony Okara	0302-5032280	24 Hour
72.	Muhammad Shifaqe S/O Zulifquar Ali	35302-9712908-6	5/4-L Okara	0303-6977608	24 Hour
73.	Asim Javed S/O Muhammad Javed	35302-5226064-3	Glass Factory Okarq	0322-7003017	24 Hour
74.	Kashif Naeem S/O Dost Muhammad	35302-6170730-5	Dubai Town Okara	0303-6964663	24 Hour
75.	Muhammad Rafiqe S/O Umar Din	35302-4661691-3	2 Chak Okara	0346-6964401	24 Hour
76.	Fariyad ali S/O Aziz Ahmad	35302-0417566-5	Sabri Colony Okara	0313-6931630	24 Hour
77.	Tariq Mehmood S/O Muhammad Akram	35032-1980931-7	Ghafor Colony Okara	0301-7647494	24 Hour
78.	Muhammad Shifaque S/O Muhammad Sadique	35302-2712305-1	Qari Colony Okara	0321-6952455	24 Hour
79.	Kasif Waqar S/O Muhammad Younas	35302-9420294-3	Muzafar Colony Okara	0343-1557067	24 Hour
80.	Muhammad Noman S/O Muhammad Ismail	35302-7274535-5	Shifque Naghar Okara	0300-6985214	24 Hour
81.	Roheel Shakir S/O Ahmed Shakir	35302-1836545-7	Dar-ul-islam Okara	0301-6975418	24 Hour
82.	Nazim Ali S/O Muhammad Amin	35301-2920388-1	Makkha Madina Town Okara	0301-3050155	24 Hour
83.	Usma Abid S/O Muhammad Abdullah	35302-3896906-7	Jalal town Okara	0332-8331368	24 Hour
84.	Muhammad Amer S/O Muhammad Shifque	35302-3896906-7	Jalal Town Okara	0300-6985214	24 Hour
85.	Junaid Akram S/O Muhammad Akram	35302-5597317-1	31/2-L Okara	0322-6985130	24 Hour
86.	Rizwan Ali S/O Tariq Mehmood	35302-2685930-5	54/2-L Okara	03455571310	24 Hour
87.	Adeel Ahmad S/O Muhammad Hanif	35302-5756366-1	Graden Town Okara	0336-0675090	24 Hour
88.	Abubakar S/O Nasrullaha	35302-8956349-9	Samad Pura Okara	0312-3420700	24 Hour
89.	Abdullaha S/O Abdul Majeed	35302-6772795-5	Dar-ul- Islam Okara	0309-6955179	24 Hour
90.	Muhammad Ahmad S/O Rustam Ali	35302-3161229-7	Fiasal Mehmood Clony Okara	0326-4866305	24 Hour
91.	Muhammad Ali S/O Muhammad Akram	35302-5777261-5	Bangla Gogera Okara	0323-2670799	24 Hour
92.	Muhammad Farhan S/O Muhammad Saleem	35302-1986297-7	54/2.L Okara	0347-1198654	24 Hour

S#	Volunteer Name	CNIC	Address	Contact Number	Time Required to be on-board
93	Muhammad Bilal S/O Muhammad Mustafa	35302-5787535-3	New Madina Town Okara	0306-2890413	24 Hour
94	Gulraiz Aslam S/O Muhammad Aslam	35302-7119729-7	Kilparam Factory Okara	0320-5514226	24 Hour
95	Muhammad Hamesh S/O Muhammad Shafique	35302-7455358-1	Jalal kot Okara	0322-6974840	24 Hour
96	Faisal Rehman S/O Abdul Razzak	35302-6674724-7	Khan Colony Okara	0302-8065138	24 Hour
97	Faisal Saleem S/O Muhammad Saleem	35302-7503194-5	54/2.L Okara	0340-7150404	24 Hour
98	Gaznfer Ali Khan S/O Ghullam Murtaza	35302-8278278-1	Dara-ul-Islam Okara	0300-7609095	24 Hour
99	Ghullam Farid S/O Muhammad Rafiq	35302-4463868-1	Makkha Town Okara	0305-4439512	24 Hour
100	Ghullam Mustafa S/O Muhammad Sadiq	35302-1868744-7	42/3R Okara	0307-9367009	24 Hour
101	Asim Hassan S/O Muhammad Husnain	35302-8381750-3	New Madina Town Okara	0311-0552213	24 Hour
102	Adnan Ali S/O Muhammad Aslam	31202-7739867-1	Ghullam Mustafabad Okara	0345-7500087	24 Hour
103	Muhammad Bilal S/O Muhammad Ashraf	35404-1334848-3	50/2.L Okara	0307-0294437	24 Hour

## ANNEX-VIII (B): LIST OF SWIMMERS/DIVERS

S#	Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	M. Ummar Yaqoob	36502-5657264-9	Sahiwal	0304-4088681	A-ve	24 Hour
2	Adnan Khaliq	35302-2353283-5	Okara	0345-9000043	O+ve	24 Hour
3	Ali Sher	35302-1903724-4	Okara	0323-5424512	B+ve	24 Hour
4	Ghulam Murtaza	35303-3628514-7	Renala Khurd	0333-6987824	A+ve	24 Hour
5	Muhammad Imran Shafi	35032-9114971-1	Okara	0321-7096355	B+ve	24 Hour
6	Muhammad Javed Iqbal	35302-2240456-1	Okara	0321-7086765	B+ve	24 Hour
7	Muhammad Rizwan Javed	35302-3036426-1	Okara	0304-8175969	B+ve	24 Hour
8	Nazar Hussain	35302-4252766-5	Bangla Gogera	0304-9829683	AB+ve	24 Hour
9	Muhammad Azam	35301-2473917-5	Depalpur	0340-6062068	B+ve	24 Hour
10	Zahid Iqbal	35302-7585282-3	Bangla Gogera	0346-7415988 0334-7415988	O+ve	24 Hour
11	M. Naeem	35302-8593159-5	Okara	0344-6749269	A+ve	24 Hour
12	Faisal Rasheed	35302-0226457-3	Okara	0321-8044144	B+ve	24 Hour
13	Imran Akbar	35302-7931666-5	Okara	0346-7427228	O+ve	24 Hour
14	Mubashar Akbar	35302-5997647-7	Okara	0321-6953418	B+ve	24 Hour
15	Nasir Naseer	35303-1233070-1	Renala Khurd	0301-7349502	O +VE	24 Hour
16	M. Abbas	35302-4988843-7	Okara	0342-4166605	A +VE	24 Hour
17	Shafqat Ali	35301-6049144-5	Okara	0346-7459469 0343-8111122	O +VE	24 Hour
18	Nasir Bashir	35301-6396519-3	Okara	0300-6016330	B +VE	24 Hour
19	Faheem Iqbal	36502-6296015-5	Okara	0348-8741122	A +VE	24 Hour
20	M. Shafique	35302-7039173-1	Okara	0344-6780369	A +VE	24 Hour
21	M. Imtiaz Ali	35301-9249655-1	Depalpur	0301-7308223	AB +VE	24 Hour
22	Ghulam Murtaza	35302-5423970-3	Okara	0321-7002367	B+VE	24 Hour

## ANNEX-IX: POLITICAL CONSTITUENCIES

National Constituencies				Provincial Constituencies			
Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number	Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number
NA-135	Nadeem Abbas Rabeera	-	0300-6959550	PP-185	JavedAlla-ud-Din	-	0300-4112779
NA-136	Riaz Ul HaqJuj	-	0300-5113380	PP-186	Shed Ashiq Hussain Kirmani	-	0300-9422200
NA-137	Syed Raza Ali Gillani	-	0321-9555557	PP-187	Iftikhar Hussain Chacher	-	0345-8412512 0342-0000188
NA-138	Main Moeen Khan Watoo	-	0300-4002334	PP-188	Noor Ul Ameen Watoo	-	0300-4020702
				PP-189	Mailk Ali Abbas Khokhar	-	0300-4309079
				PP-190	MianYawar Zaman	-	0301-8697008
				PP-191	Mian M. Munir	-	0300-0088484
				PP-192	Ghulam Raza Rabeera	-	0300-4270633

## ANNEX-X: LOCAL GOVERNMENT

### District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number
1	Chief Officer	District Council Okara	Rana Naveed	044-9200294	0301-6907744
2	Chief Officer	Okara Tehsil	Umar Naseem	044-9200454	0333-8402836
3	Chief Officer	Renala Khurd Tehsil	Zille Huma	044-2635215	0334-4611135
4	Chief Officer	Depalpur Tehsil	Farooq Irshad (MC Depalpur)	0444-540148	0300-8997559
5	Chief Officer		Arham Nazir (MC Basirpur)	0444-772504	0300-4208177
6	Chief Officer		Attar Farooq (MC Hujra)	0444-680995	0302-6986230
7	Chief Officer		Arham Nazir (MC Haveli Lakha)	0444-735322	0300-4208177
8	Chief Officer		Arham Nazir (MC Mandi)	0444-840349	0300-4208177

# ANNEX-XI: DATA COLLECTION PERFORMAS

## P1: House Damage Assessment

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name	Father Name	CNIC	Address	Revenue Estate	Union Council	Tehsil	Partially/Completely	Katcha/Pakka	%age of Damage	Contact No.	GPS Coordinates	Picture Taken (Y/N)

## P2: Deceased Person Reporting Performa

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of deceased	Father's name	Address	Domicile	Gender	Age	CNIC	Cause of death	Date of death	Place of death	Marital status	Next of kins (Name and Contact and CNIC etc.)	Verifying Officer (Name, Designation and Contact)	Compensation Paid or not

## P3: Injured Person Reporting Performa

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of injured	Father's name	Address	Domicile	Gender	Age	CNIC	Cause of injury	Date of injury	Injury Type (Permanent or Temporary)	Compensation Paid or not

**P4: Cattle Head Perished**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of Farmer	Father Name	CNIC	Mauza	Tehsil	Type of Animals	Number of Animals (Cow, sheep etc.)	Vaccinated/ Unvaccinated	Witness 1 name and contact No.	Witness 2 Name and Contact No.

**P5: Crop Damages**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Tehsil	Qanoongoi	Union Council	Mauza	Farmer Name	Land owner/Tenant	CNIC of farmer	Contact number	Type of Crops	Total land affected (acres)	% of Mauza affected

**P6: Relief Distribution Tracking Performa**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Location/ Destination	Arrival Date and time	Items	Quantity	Items short (if any)	Items sent by	Driver name	Received by	Bilty no

**P7: Private Machinery (Boats, Bulldozers, cranes etc.)**

In case of mega disaster that overwhelms the resources of the Government in certain area, the equipment of private owners are engaged to continue with evacuation, rescue or relief services. The following template is filled to maintain a record of boat owners that might be engaged at the time of a disaster.

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of boat owner	Father name	Contact Number	Age	CNIC	Location of boat/Machinery	Type of Machinery (Boat, Bulldozers, Cranes etc.)	Engine type	Boat capacity	Equipment Condition	Number of Machinery
1	Ch. Liaqat	Muhammad Ali	0321-7085066	59	35302-8432006-7	3/4L	Cranes	Diesel	Nil	Functional	1
2	Muhammad Rizwan	Hafiz Abdul Rasheed	0304-9708669	32	35303-6684989-3	Renala Khurd	Cranes	Diesel	Nil	Functional	3
3	Ejaz Ali	Khizar Hayat	0314-3580016	50	-	Attari	Boat	Peter Engine	500 mann	Normal Condition	Nil
4	Munir Ahmed	Wali Muhammat	0318-0642823	60	-	Attari	Boat	Peter Engine	500 mann	Normal Condition	Nil
5	Ghulam Haider	Muhammad Jaffar	0310-0661613	40	-	Attari	Boat	Peter Engine	500 mann	Normal Condition	Nil
6	Muhammad Sarwar	Muhammad Din	-	40	-	Attari	Boat	Peter Eninge	500 mann	Normal Condition	Nil

9	Ghazi Khan	Qutab Khan	0307-6202930	-	35302-7084860-2	39/D	Crane	Crane	-	-	Good Condition	Nil
8	Salman Khan	Muhammad Ayub Khan	0346-5545500	-	35301-4511077-3	39/D	Crane	Crane	-	-	Good Condition	Nil
7	Muhammad Ahmed	Farzand Ali	0318-0642823	27	-	Attari	Boat	Boat	Peter Engine	500 mann	Normal Condition	Nil

**P8: Relief camp registration Performa**

New entrants in the relief camps should be documented on a weekly basis by utilizing the following template:

**District:** \_\_\_\_\_

**Date:** \_\_\_\_\_

S#	Nationality	Domicile	Male	Female	Age	Children Under 12	Infants under 3	Sick	Injured	Pregnant
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**P9:NGOs registration performa**

All the Non-Governmental Organizations operating in the disaster affected areas should register themselves at PDMA’s website. The following template has been developed for NGOs assisting the Government in disaster response.

**District:** \_\_\_\_\_

**Date:** \_\_\_\_\_

S#	Name of NGO	Local /INGO	Relief activity	Relief camp if any	Focal person in the district	Registered with PDMA	Foreigners to be visiting or not.
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**P10: Control Room**

PDMA requires all districts to setup a control room at the incidence of a disaster. This control room would plan and execute a well-knit Governmental disaster response by bringing together all representatives of the various Governmental departments. This control room would be operational around the clock and PDMA must be informed about its operation and in-charge by filling the following template:

**District:** \_\_\_\_\_

**Focal Person:** \_\_\_\_\_

**Date:** \_\_\_\_\_

S#	Location of control room	Shift I Incharge Name and Contact	Shift II Incharge Name and Contact	Shift III Incharge Name and Contact	Phone Numbers	Fax Numbers	E- Mail Address
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## ANNEX-XII: CAMP MANAGEMENT SOPS

- Camps would be established in areas accessible by metalled roads so that provision of essential facilities is not difficult
- Basic facilities such as food, clean drinking water, health, hygiene and sanitation should be available at these shelters.
- Proper registration mechanism should be in place to differentiate between those actually affected and cunning opportunists
- Proper security system should be in place in coordination with the local police as the presence of Police always acts as deterrence for criminals who may be attracted to such places.
- Emergency medical care should be available as well as a proper fire fighting system as fire outbreaks are common in such tents
- Proper camp management should be announced and notified and there should be a complaint cell as well as proper distribution mechanism should be in place to ensure that the needy get what they deserve.
- Scattered camps should be catered for and encouraged to join the main camp.
- At times, shallow hand pumps are not safe for drinking as the water underground has been contaminated. In such cases clean medicated (chlorinated) water should be provided through water bowsers.
- Vector control is an essential part of the camp management hence steps should be taken in time to remove rats, snakes and mosquitoes etc.
- Un-accompanied and missing children shall be placed separately with proper care and fulfilment of their physical and psycho-social needs.
- Needs of women as per local and cultural environment shall be considered for establishing separate relief camps for ladies with provision of proper security and light arrangements.

Land	3.0-4.5 square meter per person
Shelter	3.5 square meter per person
Water	15-20 liters per person per day
Food	2100 kcal per person per day
Toilet	One per family of 6-10 persons
Health Centre	One per 20,000 persons
Child Friendly Spaces	2-4 year olds- 15 children:2 facilitators
	5-9 year olds-20 children : 2 facilitators
	10-18 year olds- 30 children :2 facilitators
Hospital	One for as many as 200,000 persons

## ANNEX-XIII: FLOOD BUNDS

### INFORMATION REGARDING FLOOD BUND CATEGORY A

SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
<b>SARGODHA ZONE</b>			
1	Rasul Head works Division	Right Guide Bund	2,121
2	-do-	Left Guide Bund	3,360
3	-do-	Right Guide Spur	2,762
4	-do-	Left Marginal Bund	17,170
	<b>Total in feet.</b>		<b>25,413</b>
	<b>Total in Miles.</b>		<b>4.81</b>
<b>PMO BARRAGES</b>			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
-	<b>Total in feet.</b>		<b>25,080</b>
-	<b>Total in Miles.</b>		<b>4.75</b>
<b>FAISALABAD DIVISION</b>			
1	Khanki Division	Left Marginal Bund	21,000
2	-do-	Right Marginal Bund	29,000
3	Jhang Division	Jhang Flood Protection Bund	43,875
4	Qadirabad Barrage Division	Left Marginal Bund	20,000
5	-do-	Right Marginal Bund	20,000
	<b>Total in feet.</b>		<b>133,875</b>
	<b>Total in Miles.</b>		<b>25.36</b>
<b>BAHAWALPUR ZONE</b>			
1	Punjnad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000
	<b>Total in feet.</b>		<b>55,000</b>
	<b>Total in Miles.</b>		<b>10.42</b>
<b>MULTAN ZONE.</b>			
1	Trimmu Division	Right Marginal Bund	20,000
2	-do-	Left Marginal Bund	20,000
3	Sulemanki Division	Left Marginal Bund	10,000
4	-do-	Right Marginal Bund	10,000
5	Shuja Canal Division	Right Bank of Shujabad Branch	10,000
6	-do-	Akbar Flood Bund	10,000
	<b>Total in feet.</b>		<b>80,000</b>
	<b>Total in Miles.</b>		<b>15.15</b>
<b>D.G.KHAN ZONE</b>			
1	Taunsa Barrage	Right Guide Bund Upstream	15,000
2	-do-	Left Guide Bund	20,000
3	-do-	Shahwala Groyne	10,000
4	Muzaffargarh Canal Division	Muzaffargarh Flood Bund	50,000
5	-do-	Doaba Flood Bund.	5,000
6	-do-	Khargarh Flood Bund	5,000
7	-do-	Khanwah Flood Bund	5,000
8	Jampur Construction Division	Jampur Flood Bund	5,000
9	-do-	Rojhan Flood Bund	20,000
	<b>Total in feet.</b>		<b>1,35,000</b>
	<b>Total in miles</b>		<b>25.57</b>

<b>LBDC(IP)</b>			
1	Balloki Head works Division	Left Marginal Bund	15,000
2	do	Right Marginal Bund	15,000
	<b>Total in Feet</b>		<b>30,000</b>
	<b>Total in miles</b>		<b>6</b>
<b>LAHORE ZONE</b>			
1	FLOOD Bund Division Narowal	Jassar Highway Bund	10,000
2	do	Rayya flood Bund	5,000
3	Pasrur Link Division Sialkot	City Flood Protection Bund along Aik Nullah	7,340
4	do	Hajoipur Flood Protection Bund along Aik Nullah	86,00
5	do	Left Flood Protection Bund over deg Nullah from defence embankment to Zafarwala Kingra road	10,000
6	Marala Division UCC	Left Marginal Bund	50,000
7	do	Right Marginal Bund	10,000
8	Lahore Drainage Div.	Shahdara Flood Protection Bund	15,000
	<b>Total in Feet</b>		<b>115,940</b>
	<b>Total in miles</b>		<b>22</b>
	<b>Grand total in miles</b>		<b>114</b>

**INFORMATION REGARDING FLOOD BUND CATEGORY B**

S#	Name of Division	Name of Embankment / Bund	Length (ft.)
<b>SARGODHA ZONE</b>			
1	Rasul Headworks Division	Important / Vulnerable Reaches	10,000
2	Bhakkar Division	-do-	10,000
3	Layyah Division	-do-	10,000
4	Jhelum Division	-do-	5,000
	<b>Total in feet.</b>		<b>35,000</b>
	<b>Total in miles</b>		<b>6.63</b>
<b>FAISALABAD ZONE</b>			
1	Khani Division	-do-	20,000
2	Jhang Division	-do-	50,000
3	Qadirabad Barrage Division	-do-	60,000
4	Burala Division	-do-	35,000
	<b>Total in feet.</b>		<b>165,000</b>
	<b>Total in miles</b>		<b>31.25</b>
<b>BAHAWALPUR ZONE</b>			
1	Punjad Headworks Division	-do-	90,000
2	Khanpur Canal Division	-do-	100,000
3	Bahawalpur Canal Division	-do-	50,000
4	Rahimyar Canal Division	-do-	50,000
	<b>Total in feet.</b>		<b>290,000</b>
	<b>Total in miles</b>		<b>54.92</b>
<b>MULTAN ZONE</b>			
1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000
3	Shujabad Canal Division	-do-	60,000
	<b>Total in feet.</b>		<b>190,000</b>
	<b>Total in miles</b>		<b>35.98</b>

<b>D.G.KHAN ZONE</b>			
1	Taunsa Barrage	-do-	80,000
2	KotAdu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
	<b>Total in feet.</b>		<b>630,000</b>
	<b>Total in miles</b>		<b>119.32</b>
<b>LBDC (IP)</b>			
1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000
	<b>Total in feet.</b>		<b>100,000</b>
	<b>Total in miles</b>		<b>18.94</b>
<b>LAHORE ZONE</b>			
1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
	<b>Total in feet.</b>		<b>422,000</b>
	<b>Total in miles</b>		<b>79.92</b>
<b>PMO BARRAGES</b>			
1	Jinnah Barrage	-do-	20,000
	<b>Total in feet.</b>		<b>20,000</b>
	<b>Total in miles</b>		<b>3.79</b>
	<b>Grand Total (in miles)</b>		<b>350.76</b>

## ANNEX XIV: RIVER DISCHARGE RATES

River	Gauge Site	Designed Capacity (lac Cs)	Flood Limits in Lac Cs.				Exp. High
			Low	Med:	High	Very High	
INDUS	Kalabagh	9.5	2.5	3.75	5	6.5	8
	Chashma	10	2.5	3.75	5	6.5	3
	Taunsa	10	2.5	3.75	5	6.5	8
JHELUM	Kohala	12	1	1.5	2	3	4
CHENAB	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
	Marala	11	1	1.5	2	4	6
	Khanki	8	1	1.5	2	4	6
	Qadirabad	9	1	1.5	2	4	6
	Trimmu	6.45	1.5	2	3	4.5	6
RAVI	Punjnad	7	1.5	2	3	4.5	6
	Jassar	2.75	0.5	0.75	1	1.5	2
	Ravi Syphon	4	0.4	0.65	0.9	1.35	1.8
	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
SUTLEJ	Balloki	2.25	0.4	0.65	0.9	1.35	1.8
	Sidhnai	1.5	0.3	0.45	0.6	0.9	1.3
	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	
	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
	Islam	3	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4	0.75	1.1	1.5	2.25	3

## ANNEX-XV: LIST OF BASIC TERMS

### **Acceptable risk**

The level of loss a society or community considers it can live with and for which it does not need to invest in mitigation

### **Biological hazard**

Biological vectors, micro-organisms, toxins and bioactive substances, which may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation.

### **Capacity**

A combination of all the strengths and resources available within a community, society or organization that can reduce the level of risk, or the effects of a disaster.

Capacity may include physical, institutional, social or economic means as well as skilled personnel or collective attributes such as leadership and management. Capacity may also be described as capability.

### **Capacity building**

Efforts aimed to develop human skills or societal infrastructure within a community or organization needed to reduce the level of risk. In extended understanding, capacity building also includes development of institutional, financial, political and other resources, at different levels of the society.

### **Climate change**

The climate of a place or region is changed if over an extended period (typically decades or longer) there is a statistically significant change in measurements of either the mean temperature or variability of the climate for that region.

### **Coping capacity**

The means by which people or organizations use available resources and abilities to face a disaster. In general, this involves managing resources, both in normal times as well as during crises or adverse conditions.

### **Disaster**

A serious disruption of the functioning of a community or society causing widespread human, material, economic or environmental losses which exceed the ability of the affected community or society to cope using its own resources. It results from the combination of hazards, conditions of vulnerability and insufficient capacity to reduce the potential negative consequences of risk.

### **Disaster risk management (DRM)**

The comprehensive approach to reduce the adverse impacts of a disaster. DRM encompasses all actions taken before, during, and after the disasters. It includes activities on mitigation, preparedness, emergency response, recovery, rehabilitation, and reconstruction.

### **Disaster risk reduction/disaster reduction**

The measures aimed to minimize vulnerabilities and disaster risks throughout a society, to avoid (prevention) or to limit (mitigation and preparedness) the adverse impacts of hazards, within the broad context of sustainable development.

### **Early warning**

The provision of timely and effective information, through identified institutions, to communities and individuals so that they could take action to reduce their risks and prepare for effective response.

### **Emergency management**

The management and deployment of resources for dealing with all aspects of emergencies, in particularly preparedness, response and rehabilitation

### **Forecast**

Estimate of the occurrence of a future event (UNESCO, WMO). This term is used with different meanings in different disciplines.

### **Geological hazard**

Natural earth processes that may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation. For example earthquakes, tsunamis, volcanic activity and emissions, landslides, rockslides, rock falls or avalanches, surface collapses, expansive soils and debris or mud flows.



No. 203 /NTO/ADCR  
 OFFICE OF THE  
**DEPUTY COMMISSIONER,**  
**OKARA**

Dated, Okara, the 25 / 02 /2022

**ORDER:**

As per government instructions, a committee is hereby constituted to monitor activities in connection with **Epidemic** in District Okara to reduce the impact of the potential disasters/hazards, with immediate effect: -

		<b>Responsibility/TORs</b>
1)	ADC(F&P), Okara <b>Focal Person</b>	Overall Disaster Management
2)	Assistant Commissioners (Member) (Tehsildars of concerned Tehsil will be responsible in absence of ACs)	Preparation & Coordination
3)	CEO(Health), Okara (Member) (DHO of concerned Tehsil will be responsible in absence of CEO)	Provision of Health Facilities
4)	DEO Rescue 1122 Okara (Member) (RSO of concerned Tehsil will be responsible in absence of DEO)	Shifting of effectees to the health facilities
5)	CEO(Education), Okara (Member) (Director Admin Education Department will be responsible in absence of CEO Education)	Assistance in Vaccination
6)	DD Social Welfare (Member) (SWO will be responsible in absence of DD)	Provision of Services as required Community awareness & Provision of manpower
7)	COs of all Municipal Committees (Members) In the District (Sub-Engineers of concerned Municipal Committee will be responsible in absence of CO concerned)	

A copy is forwarded to the: -

- 1) Director (Operations), Punjab Disaster Management Authority/PDMA, Lahore
- 2) Commissioner, Sahiwal Division, Sahiwal
- 3) All concerned.

Deputy Commissioner,  
Okara

Deputy Commissioner,  
Okara

No. 204 /NTO/ADCR

OFFICE OF THE  
**DEPUTY COMMISSIONER,  
OKARA**

Dated, Okara, the 25 / 02 /2022**ORDER:**

As per government instructions, a committee is hereby constituted to monitor activities in connection with **Flood, Urban Flooding, Flash Floods and Earthquake** in District Okara to reduce the impact of the potential disasters/hazards, with immediate effect: -

		<u>Responsibility/TORs</u>
1)	ADC(Rev), Okara <b>Focal Person</b>	Overall Disaster Management
2)	Assistant Commissioners (Member) (Tehsildars of concerned Tehsil will be responsible in absence of ACs)	Preparation & Coordination
3)	DPO Okara (Member)	Overall Security Management
4)	CEO(Health), Okara (Member) (DHO of concerned Tehsil will be responsible in absence of CEO)	Provision of Health Facilities
5)	DEO Rescue 1122 Okara (Member) (RSO of concerned Tehsil will be responsible in absence of DEO)	Evacuation & Pre-Hospital Treatment
6)	CEO(Education), Okara (Member) (Director Admin Education Department will be responsible in absence of CEO Education)	Temporary accommodation for stakeholders
7)	XEN Irrigations LBDC Okara (Member) (SDO Irrigations will be responsible in absence of XEN)	Construct / Repair & Maintenance of bunds & Removal of encroachments Provision of Heavy Machinery & Manpower
8)	XEN Irrigation Suleimanki (Member) (SDO Irrigations will be responsible in absence of XEN)	
9)	XEN Highways, Okara (Member) (Specially for earthquake) (SDO Irrigations will be responsible in absence of XEN Highways)	
10)	XEN PHED, Okara (Member) (Specially for earthquake) (SDO will be responsible in absence of XEN)	
11)	DO Civil Defense, Okara (Member) (Chief Instructor Civil Defense will be responsible in absence of DO)	Provision of related equipment & Volunteers

12)	AD Live Stock, Okara (Member) <i>(Veterinary Officer Live Stock will be responsible in absence of AD)</i>	Ensure the vaccination & health facilities of livestock
13)	DD Agriculture, Okara (Member) <i>(AD Agri. will be responsible in absence of DD)</i>	Ensure the fodder & temporary settlements for animals
14)	DD Social Welfare (Member) <i>(SWO will be responsible in absence of DD)</i>	Provision of Services as required Community awareness & Provision of manpower
15)	COs of all Municipal Committees (Members) In the District <i>(Sub-Engineers of concerned Municipal Committee will be responsible in absence of CO concerned)</i>	

  
Deputy Commissioner,  
Okara

A copy is forwarded to the: -

- 1) Director (Operations), Punjab Disaster Management Authority/PDMA, Lahore
- 2) Commissioner, Sahiwal Division, Sahiwal
- 3) All concerned.

  
Deputy Commissioner,  
Okara



No. 205 /NTO/ADCR  
OFFICE OF THE  
**DEPUTY COMMISSIONER,  
OKARA**

Dated, Okara, the 25 / 02 /2022

**ORDER:**

As per government instructions, a committee is hereby constituted to monitor activities in connection with **Environmental Hazards** (industrial accidents, severe pollution etc.) in District Okara to reduce the impact of the potential disasters/hazards, with immediate effect:

		<u>Responsibility/TORs</u>
1)	ADC(F&P), Okara <i>Focal Person</i>	Overall Disaster Management
2)	Assistant Commissioners (Member) <i>(Tehsildars of concerned Tehsil will be responsible in absence of ACs)</i>	Preparation & Coordination
3)	DPO Okara (Member)	Overall Security Management
4)	CEO(Health), Okara (Member) <i>(DHO of concerned Tehsil will be responsible in absence of CEO)</i>	Provision of Health Facilities
5)	DEO Rescue 1122 Okara (Member) <i>(RSO of concerned Tehsil will be responsible in absence of DEO)</i>	Preparation & Response to Operations
6)	DO Civil Defense, Okara (Member) <i>(Chief Instructor Civil Defense will be responsible in absence of DO)</i>	Provision of volunteers & sweeping of site, survey of site for environmental hazards and coordination in operation activities
7)	DO Industries, Okara (Member) <i>(Senior Clerk of the department will be responsible in absence of DD)</i>	
8)	DD Environment, Okara (Member) <i>(Inspector Environment will be responsible in absence of DD)</i>	
9)	COs of all Municipal Committees (Members) In the District <i>(Sub-Engineers of concerned Municipal Committee will be responsible in absence of CO concerned)</i>	Provision of services as required

A copy is forwarded to the: -

- 1) Director (Operations), Punjab Disaster Management Authority/PDMA, Lahore
- 2) Commissioner, Sahiwal Division, Sahiwal
- 3) All concerned.

  
Deputy Commissioner,  
Okara

  
Deputy Commissioner,  
Okara

No. 206 /NTO/ADCR

**OFFICE OF THE  
DEPUTY COMMISSIONER,  
OKARA**

Dated, Okara, the 25 / 02 /2022**ORDER:**

As per government instructions, a committee is hereby constituted to monitor activities in connection with Major Accidents (Fire Case, Building Collapse, Road Traffic Accidents, Train Accident, Stampede, Plane Crash) in District Okara to reduce the impact of the potential disasters/hazards, with immediate effect: -

		<b>Responsibility/TORs</b>
1)	ADC(G), Okara <b>Focal Person</b>	Overall Disaster Management
2)	Assistant Commissioners (Member) <i>(Tehsildars of concerned Tehsil will be responsible in absence of ACs)</i>	Preparation & Coordination
3)	DPO Okara (Member)	Overall Security Management
4)	CEO(Health), Okara (Member) <i>(DHO of concerned Tehsil will be responsible in absence of CEO)</i>	Provision of Health Facilities
5)	DEO Rescue 1122 Okara (Member) <i>(RSO of concerned Tehsil will be responsible in absence of DEO)</i>	Preparation & Response to Operations
6)	SE LESCO, Okara (Member) <i>(XEN will be responsible in absence of SE LESCO)</i>	Safety measures related to electricity
7)	XEN Highways, Okara (Member) <i>(SDO Irrigations will be responsible in absence of XEN Highways)</i>	Provision of Heavy Machinery & Manpower
8)	XEN PHED, Okara (Member) <i>(SDO will be responsible in absence of XEN)</i>	
9)	Incharge SNGPL, Okara (Member)	Safety measures related to Sui Gas
10)	DO Civil Defense, Okara (Member) <i>(Chief Instructor Civil Defense will be responsible in absence of DO)</i>	Provision of volunteers & sweeping of site, survey of site for environmental hazards and coordination in operation activities
11)	DO Industries, Okara (Member) <i>(Senior Clerk of the department will be responsible in absence of DD)</i>	
12)	DD Environment, Okara (Member) <i>(Inspector Environment will be responsible in absence of DD)</i>	

13)	COs of all Municipal Committees (Members) In the District <i>(Sub-Engineers of concerned Municipal Committee will be responsible in absence of CO concerned)</i>	Provision of Services as required
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Deputy Commissioner,  
Okara

A copy is forwarded to the: -

- 1) Director (Operations), Punjab Disaster Management Authority/PDMA, Lahore
- 2) Commissioner, Sahiwal Division, Sahiwal
- 3) All concerned.

  
Deputy Commissioner,  
Okara