

Four Member Committee of Andhra University  
(Constituted by APPCR)

Table 1. Results of the Quality of Waters of Aquazone of West Godavari District (June 2017)

Sl. NO	Locality	Latitude Longitude	Temp. (°C)	Salinity (‰)	Conductivity (ms/cm)	PH	DO (mg/l)	Photo frame
D1	Duvva	16°46'27.832N 81°37'09.429(7.2m)	33.1	0.27	0.558	5.1	4.5	438-450
D2	B. Kondepadu	16°45'00.147 81°36'11.189(6.9m)	32.9	0.36	0.72	5.1	8.4	424-437
D3	Meenavelleru	16°43'51.514 81°35'34.883(8.5m)	31.6	0.3	0.65	6.3	13.5	408-415
D3A			31.5	0.33	0.68	5.9	12.6	416-423
D4	Near Komarru Drain	16°43'05.33 81°34'32.686(9.2m)	31.2	0.33	0.68	7.8	11.9	379-401 Exehornio Typha, Shells
D5		No Sample						
D6	Pipparu	16°42'37.462 81°32'50.136(9.1m)	33.2	1.28	2.47	6.0	8.81	452-470
D7	Near Kesavaram Drain	16°40'45.549 81°32'17.337(6m)	33.4	0.85	1.75	6.0	11.3	(471-491)491: padmanabham keshavaram
	Shrimp pond	Cherukuri satyanarayana raju	33.3	6.08	10.6	6.7	30.6	3 crops
	Shrimp pond bore wall			11.5	19.3	7.4	22.6	
	Fish pond		33.8	2.5	4.57	6.9	25.4	
D8	S. Kondepadu bridge	16°39'21.394 81°32'46.422(5m)	32.5	1.8	3.4	6.4	4.2	524-536
D9	Mondagandi Bridge	16°38'11.337 81°31'52.264(7.2m)	34.4	6.4	11.2	6.7	33.6	537-555
	Venu(VZM) Shrimp Form		33.7	4.5	8.1	6.9	30.4	
D10	Garakaparru	16°36'45.865 81°31'55.689	34.4	3.3	6.1	6.8	22.5	556-562
	Major farm	16°38'07.536 81°34'28.428	-	-	-	-	-	364-374

**FISHERIES DEPARTMENT**

**ELURU**

May 2017

STATEMENT SHOWING THE MANDAL WISE SALINITY PROFILE IN AQUA PONDS, FEEDING CHANEL, CREEKS, DRAINS AND BOREWELLS & DRINKING WATER SOURCE IN DELTA IN FRESHWATER AREA, WEST GODAVARI DISTRICT

S.No.	Name of the mandal	Name of the Creek/Canal/ Drain	Aqua pond salinity				Species Cultured	Feeding chanel salinity			Creek salinity			Drain salinity			Borewell salinity			Drinking water salinity		
			No. of ponds tested	Min	Max	Avg ppt		Min	Max	Avg ppt	Min	Max	Avg ppt	Min	Max	Avg ppt	Min	Max	Avg ppt	Min	Max	Avg ppt
1	Undi	Irrigation Canal	16	6.00	10.00	8.00	L vannamei	0.00	0.00	0.00	0.00	0.00	0.00	6.00	10.00	8.00	10.00	20.00	15.00	0.00	0.00	0.00
2	kalla	Doddanapudi, Upputeru	14	2.00	10.00	6.00	L vannamei	3.00	7.00	5.00	3.00	7.00	5.00	4.00	8.60	6.30	12.00	22.00	17.00	0.00	0.00	0.00
3	Akiveedu	Drain, Canal	35	2.00	6.00	4.00	L vannamei	1.00	1.60	1.30	1.00	2.60	1.30	2.00	4.40	3.20	10.00	18.40	14.20	0.00	0.00	0.00
4	Bhimavaram	Irrigation Canal	46	5.00	9.00	7.00	L vannamei	1.00	2.80	1.90	1.00	2.80	1.90	5.00	14.60	9.80	5.00	7.60	6.30	0.00	0.00	0.00
5	Palakoderu	Gostani, Baivani	26	4.00	6.00	5.00	L vannamei	2.00	5.65	3.80	2.00	5.60	3.80	3.00	7.00	5.00	2.60	7.20	4.90	0.00	0.00	0.00
6	Veeravasaram	Raykuduru, Enamaduru Drain	41	2.00	6.00	4.00	L vannamei	1.50	3.50	2.50	1.00	4.00	2.50	2.00	7.20	4.60	5.00	10.00	7.50	0.00	0.00	0.00
7	Poduru	Kaja, Bhageswaram Drain	23	4.00	6.20	5.10	L vannamei	3.50	6.70	5.10	3.00	7.20	5.10	2.00	6.60	4.30	2.00	8.00	5.00	0.00	0.00	0.00
8	Elamanchili	Kaja Drain	41	5.00	7.60	6.30	L vannamei	5.00	10.00	7.50	4.00	10.50	7.50	4.00	9.00	6.50	4.00	12.80	8.40	0.00	0.00	0.00
9	Achanta	Nakkala Drain	17	5.00	8.00	6.50	L vannamei	5.00	11.00	8.00	2.00	6.00	8.00	3.50	8.30	5.90	6.00	10.00	8.00	0.00	0.00	0.00
10	Palakollu	Kaja Drain		3.00	5.40	4.20	L vannamei	2.00	5.00	3.50	1.00	5.00	3.00	3.00	5.60	4.30	2.00	8.40	5.20	0.00	0.00	0.00
11	Eluru	Tammileru, Kolleru Drain	25	1.00	3.00	2.00	L vannamei	2.00	4.00	3.00	0.00	0.00	0.00	2.00	4.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Nidamarri	Tallakodu, Pandikodu Drain	23	2.00	6.00	4.00	L vannamei	1.00	3.00	2.00	0.00	0.00	0.00	1.50	4.50	3.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Nidadavole	Irrigation Canal	5	1.00	5.00	3.00	L vannamei	1.00	3.00	3.00	0.00	0.00	0.00	1.00	5.00	3.00	2.00	5.00	3.50	0.00	0.00	0.00
14	Unguturu	Irrigation Canal	13	3.00	7.00	5.00	L vannamei	5.00	10.00	7.50	0.00	0.00	0.00	4.00	6.00	5.00	4.00	12.00	8.00	0.00	0.00	0.00
15	Iragavaram	Irrigation Canal	5	3.00	8.00	5.50	L vannamei	3.00	8.00	5.50	0.00	0.00	0.00	4.50	6.50	5.50	3.00	8.00	5.50	0.00	0.00	0.00
16	Ganapavaram	Pandi Kodu Drain	26	4.00	9.00	6.50	L vannamei	3.00	8.00	5.50	3.00	8.00	5.50	4.00	9.00	6.50	--	--	--	0.00	0.00	0.00
17	Penumantra	Masi Kodu -Marteru Drain	24	5.00	6.00	5.50	L vannamei	5.00	9.00	7.00	5.00	6.00	5.50	5.00	9.00	7.00	4.00	6.00	5.00	0.00	0.00	0.00
18	Attili	Kummari Kodu	23	4.00	6.00	5.00	L vannamei	4.00	7.00	5.50	4.00	7.00	5.50	4.00	6.00	5.00	--	--	--	0.00	0.00	0.00
		Total	403	61.00	124.20	92.60	L vannamei	48.00	105.25	77.60	30.00	71.70	54.60	60.50	131.30	95.90	71.60	155.40	113.50	0.00	0.00	0.00
		Average Salinity (ppt)	23	3.4	6.9	5.1		2.7	5.8	4.3	1.7	4.0	3.0	3.4	7.3	5.3	4.0	8.6	6.3	0.0	0.0	0.0

Deputy Director of Fisheries  
Eluru

Joint Director of Fisheries  
West Godavari

16/5/17

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