



**RESEARCH LABORATORY
PUBLIC HEALTH ENGG: DEPARTMENT
NEAR ZUBAIDA GIRLS COLLEGE HYDERABAD.**
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WATER QUALITY ASSESSMENT REPORT

Client Name & Address					
Client Sample Code	-----	Receipt Date	06.08.2018	Date of Collection	-----
Source		Temp: °C	32	Date of Analysis	06.08.2018
Location of source				Reporting Date	06.08.2018

S. #	Water Quality Parameter	Reference Method	Highest Desirable Level	Results
1	Color	Sensory Evaluation	Color less	Color less
2	Odour	Sensory Evaluation	Un-objectionable	Un-objectionable
3	Taste	Sensory Evaluation	Un-objectionable	Brackish
4	pH	APHA	6.5 - 8.5 (WHO)	6.8
5	Conductivity (uS/cm)	APHA	NCVS	109840
6	TDS (mg/l)	APHA	1000 (WHO)	54920
7	Turbidity (NTU)	APHA	5 (WHO)	364
8	Hardness (mg/l)	APHA	500 (WHO)	12140
9	Calcium (mg/l)	APHA	NCVS	1520
10	Magnesium (mg/l)	APHA	150 (WHO)	3336
11	Alkalinity (mg/l)	APHA	NCVS	1220
12	Bicarbonate (mg/l)	APHA	NCVS	1220
13	Carbonate (mg/l)	APHA	NCVS	0
14	Chloride (mg/l)	APHA	250 (WHO)	27416
15	Chlorine (mg/l)	APHA	0.6 - 1.0 (WHO)	0
16	Nitrite (mg/l)	APHA	0.1 (WHO)	0
17	Bacteriological (Fecal Coliform)	APHA	-/cfu	-----

Note: Sample were collected by the applicant.

Contacted No.

ABBREVIATION.

NGVS: No Guideline Value Set. **WHO.** World Health Organization. **EC.** European Community.
APHA. American Public Health Association. **PSQCA** Pakistan Standard Quality Control Authority
NEQS. Nationla Environmental Quality Standards.

Water quality parameters exceeding the guideline values are highlighted

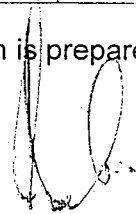
Analysis by Mohammad Younus Senior Research Assistant Public Health Engg:Research Laboratory Hyderabad	Report Prepared by Tarique Hussain Senior Research Assistant Public Health Engg:Research Laboratory Hyderabad
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**DESIGN, REVIEW OF WATER SUPPLY & DRAINAGE SCHEMES, OXIDATION PONDS
TO ELIMINATE SEWAGE DISCHARGING IN IRRIGATION CANALS**

ANNUAL WORK PLAN

S:No	ASSIGNMENT	1ST MONTH	2ND MONTH	3RD MONTH
1	RESURVEY			
2	RE-DESIGN & COSTING			
3	PREPARATION & SUBMISSION OF MODIFIED PC-I			
3	FINANCIAL IMPACT	Rs.6.00 Million	Rs.12.00 Million	Rs.6.00 Million

Note: As per approved PC-II for subject scheme activity is restricted upto 03 Months and accordingly plan is prepared in light of approved scope of subject PC-II


(QAMARUDDIN CHANDIO)
CHIEF ENGINEER,
PUBLIC HEALTH ENGG.DEPARTMENT,
GOVERNMENT OF SINDH, HYDERABAD.