

## Irrigation water Parameters

<b>S.No.</b>	<b>PHYSICO -CHEMICAL PARAMETERS</b>
1.	Colour
2.	Temperature
3.	Conductivity
4.	Density
5.	Turbidity
6.	Total Solids
7.	Settleable Solids
8.	Total Suspended Solids
9.	Total Dissolved Solids
10.	Total Volatile Solids
11.	Total Dissolved Volatile Solids
12.	Total Hardness
13.	Total Alkalinity
14.	MLSS
15.	MLVSS
16.	pH
17.	Carbonates
18.	Bicarbonates
19.	Chlorides
20.	Residual Chlorine
21.	Sulfates
22.	Fluorides
23.	Percent Sodium
24.	Cyanide
25.	Sulfides
26.	Silica
27.	Dissolved Silica
28.	Reactive Silica
29.	Nitrates
30.	Nitrites
31.	Orthophosphates
32.	Total Phosphorous
33.	SAR
34.	Dissolved Oxygen
35.	Ammonical Nitrogen

*EPTRI – Lab Services*

36	Free Ammonia
37	Total Kjeldahl Nitrogen

<b>S.NO</b>	<b>METALS</b>
1.	Magnesium
2.	Sodium
3.	Calcium
4.	Potassium
5.	Aluminium
6	Boron
7	Cobalt
8	Cadmium
9	Copper
10	Total Chromium
11	Hexavalent Chromium
12	Total Iron
13	Ferrous Iron
14	Ferric Iron
15	Manganese
16	Lead
17	Nickel
18	Zinc
19	Mercury
20	Arsenic
21	Selenium
22	Silver
23	Molybdenum
24	Antimony
25	Vanadium

<b>S.No</b>	<b>ORGANIC CONSTITUENTS</b>
1	Biochemical Oxygen Demand
2	Chemical Oxygen Demand
3	Oil and Grease
4	Phenols
5	Volatile fatty acids
6	Mercaptans

<b>S.No</b>	<b>PESTICIDES</b>
1.	Lindane,
2.	BHC (alpha)
3.	BHC (beta)
4.	BHC (delta)
5.	Heptachlor
6	Heptachlor epoxide - ISO-B
7	Dieldrin
8	Aldrin,
9	Chlordane,
10	Phorate,
11	Endosulphan
12	Endosulphan Sulphate
13	Endrin,
14	Endrin Aldehyde
15	p-p DDT
16	p-p DDE
17	p-p DDD

<b>S.No</b>	<b>POLYAROMATIC HYDROCARBONS</b>
1.	Acenaphthene,
2.	Acenaphthylene
3.	Anthracene,
4.	Benzo (a) anthracene
5.	Benzo (a) pyrene
6	Benzo(b) fluoranthene
7	Benzo (g,h,i) perylene
8	Benzo (k) fluoranthene
9	Chrysene
10	Dibenz (a,h) anthracene
11	Fluoranthene
12	Fluorene,
13	Indeno (1,2,3 – cd) pyrene
14	Naphthalene
15	Phenanthrene
16	Pyrene
17	1–Methylnaphthalene
18	2–Methylnaphthalene