

Iron Treatment System Equipment

Raw Water – Well/bore

Performance curve of bore pump: _____
 Max level of groundwater at bore location: _____

Feed Water

Temperature: Summer _____ Min _____ Max _____ Avg
 Winter _____ Min _____ Max _____ Avg

Required Data

Calcium (Ca ²⁺): _____	Alkalinity: _____
Manganese: _____	Silicates (SiO ₃): _____
Two-valent iron (Fe ²⁺): _____	Dry residue (TSS): _____
Three-valent iron (Fe ³⁺): _____	Total Coliform Bacteria: _____
Free carbon dioxide: _____	Fecal Coliform Bacteria: _____
Bicarbonates (HCO ₃): _____	Molecular hydrogen sulphide (H ₂ S): _____
Methane (CH ₄): _____	

Optional Data

Potassium: _____	Boron: _____
Sulphates: _____	Arsenic: _____
BOD ₅ : _____	Ammonia: _____
COD: _____	Magnesium: _____
Chlorides: _____	Fluoride: _____
Sodium: _____	Chromium: _____
Bacteriological counts (iron): _____	Nitrate-Nitrogen: _____
Conductivity: _____	
Other contaminants: _____	

Automated Components Required: Yes No
 Special system requirements: _____

