

CHAPTER	LEVEL	RANGE OF KNOWLEDGE
PropertiesSources	D1	Ability to measure well depth
PropertiesSources	D1	Ability to recognize potential sources of contamination
PropertiesSources	D1	Knowledge of the hydrologic cycle
PropertiesSources	D1	Knowledge of security procedures/measures
PropertiesSources	D1	Ability to calculate draw down
PropertiesSources	D1	Ability to recognize abnormal pH levels of water in a distribution system
PropertiesSources	D1	Ability to recognize abnormal turbidity levels in a distribution system
PropertiesSources	D1	Knowledge of normal pH range in drinking water
PropertiesSources	D1	Knowledge of the impacts of high nitrate concentrations in a distribution system
PropertiesSources	D1	Knowledge of the meaning of high levels of turbidity in a distribution system
PropertiesSources	D1	Knowledge of contamination sources in a well
PropertiesSources	D1	Knowledge of water storage contamination sources
PropertiesSources	D1	Ability to measure the water depth in a well
PropertiesSources	D1	Knowledge of water depth measurement techniques
QualityandLaboratory	D1	Ability to read a graduated cylinder
QualityandLaboratory	D1	Ability to interpret coliform test results
QualityandLaboratory	D1	Knowledge of coliform analysis methods
QualityandLaboratory	D1	Knowledge of coliform bacteria types
QualityandLaboratory	D1	Knowledge of the definition of pathogenic organisms
QualityandLaboratory	D1	Knowledge of holding times (e.g. preservatives)
QualityandLaboratory	D1	Knowledge of water sampling techniques for bacteriological, organic, and inorganic compounds
Regulations	D1	Ability to read a sample siting plan
Regulations	D1	Ability to take a lead and copper sample
Regulations	D1	Knowledge of acute violations
Regulations	D1	Knowledge of CDPH Water Quality regulations
Regulations	D1	Knowledge of the definition of MCL
Regulations	D1	Knowledge of the major components of the SDWA
Regulations	D1	Knowledge of the purpose of the SDWA
Regulations	D1	Knowledge of Total Coliform Rule reporting requirements
Regulations	D1	Knowledge of Total Coliform Rule sampling requirements
Regulations	D1	Knowledge of when public notification is required
Disinfection	D1	Ability to measure total chlorine
Disinfection	D1	Ability to monitor and interpret chlorine residual
Disinfection	D1	Knowledge of causes of chlorine demand
Disinfection	D1	Knowledge of contact time
Disinfection	D1	Knowledge of dechlorination techniques
Disinfection	D1	Knowledge of the purpose of disinfection
Disinfection	D1	Ability to apply disinfectant
Disinfection	D1	Knowledge of water main disinfectant techniques
Disinfection	D1	Knowledge of well disinfection techniques
Pumping	D1	Ability to read and interpret a pressure gauge
Pumping	D1	Ability to recognize abnormal pressure readings (too high or too low)
Pumping	D1	Ability to recognize abnormal pump operating conditions