

E2.02

PUBLIC WATER SYSTEM RECORD

SYSTEM		PWS ID #		INITIAL	
COUNTY		OWNER		PLANT CAPACITY	
POPULATION			SERVICES SERVED		
DESIGN ENGINEER			DATE THIS FORM COMPLETED		

INTERCONNECTIONS:

Systems	Purpose	Connections	Approved

SOURCE: Ground Water _____ wells.

SOURCE: Impounded Supply

Name	Drainage Area	Capacity	Surface Area	Max. Depth	Recreation Control

SOURCE: Stream Supply

Name	Drainage area	ave. flow	min. flow	Stream Quality

INTAKE:

Type	How Protected	Water Level Selection

PUMPS: (not including wells)

Purpose	Type	#	Manufacture	Location	Capacity

AERATION: (use only for the perforated tray type)

Type	Tray Material	No. Trays	Tray Size	Total Size	Rate	By-Pass

MIXING CHAMBERS:

Type	Capacity	Detention	Flow	G ⁻¹ /sec & mixer info.

SEDIMENTATION BASINS:

Type	Construction	Capacity	Detention	Flow	Dimensions

FILTERS:

TYPE			NUMBER	
SIZE		CAPACITY		
Type Valves		Type Underdrain		
Media Depths				
Gravel Depths				
Method of Backwash		Rate		
Loss of Head Gauges		Rate Controllers		
Rate of flow		Surface Wash Facilities		

FLOW DIAGRAM:

HIGH RATE SETTLING UNITS:

Type					
Purpose				Number	
Dimensions			Capacity		
Weir Loading				Flow	
Flocculating Time					
Up Flow Rate			Detention		
Area at Slurry Separation line					
Sludge Withdrawal:	Continuous		Automatic		Manual
Sampling Points					
Mixer Information					

ION EXCHANGE SOFTENING:

Type				Number	
Size				Depth of Resin	
Capacity & Type of Resin				By Pass	
Valves			Meters		
Method of Regeneration					
Brine Tank Capacity			Dimensions		

RECARBONATION:

Chemical Used					
Application Point					
Tank Dimensions					
Water Depth			Detention Time		Flow
Type Diffuser					

LABORATORY TESTS: Bacteriological

Where is test made					
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LABORATORY TESTS: Chemical

Alkalinity		Hardness	
pH		Fluoride	
Fe		Mn	
Turbidity			
Chlorine			
Aluminum			
Other			

PLANT WASTE WATER DISPOSAL:

Type of sludge			
Method of disposal			
Point of discharge		NPDES Permit	
Domestic waste		Method of disposal	

DIAGRAM:

