GEORGIA ENVIRONMENTAL PROTECTION DIVISION

DRINKING WATER PERMITTING & ENGINEERING PROGRAM

PUBLIC WATER SUPPLY SYSTEM DESCRIPTION

PART B

DATE:	
SYSTEM NAME: WSID No.: GA	
NAME(s) OF OPERATOR(s) WHO COMPLETED THIS FORM:	

GEORGIA ENVIRONMENTAL PROTECTION DIVISION PUBLIC WATER SUPPLY SYSTEM DESCRIPTION

PART B

Date:/			
System Name	Cou	nty:	ID No.:
Owner:	Pho:	ne: ()	
Mailing Address:			
Water Plant Phone: ()			
Plant Location 1 2	· · · · · · · · · · · · · · · · · · ·		
3 Community WS: NTNCWS:	TNCWS		/ to/
Community W.	11(C ((S	Scasonar From.	<u> </u>
PERMIT STATUS Permitted Operating Capacity:	MGD	Plant Design Ca	pacity:MGD
Surface Water Withdrawal Permit No.	:	Ground Water U	Ise Permit No.:
Permitted Max. Day: MO	GD		lly Avg.:MGD
Permitted Monthly Avg.: M			al Avg.: MGD
PURCHASED WATER SOURCES:	D 1 14		CDM 4 11.11
Name of Water System	Purchase Me	eter Location	GPM Available
Describe Any Special Conditions:			
J. 1			
WATER PLANT OPERATOR			
Plant Classification for operator certification lev			
Name of Principal Treatment Plant Operator:_			Certification Level:
Names of other Plant Operators:			
	Cert	tification Class:	Expiration Date:
		tification Class:	Expiration Date:
			Expiration Date:
Distribution Operator:	Cert	tification Expiration	Date:
(list additional personnel on back)			
NPDES Permit: Required: Y/N			ation Date:
Certified Laboratory: Required: Y/N	Permit No.:_	Name	of Chief Lab Analyst:

	How Many Wells	: <u></u>	_ Drille	d:			
	Well No.	Yield, gpm	Location		Sanitary 1	Protection Adequate	
					<u> </u>	Yes/No	
					7	Yes/No	
					7	Yes/No	
					7	Yes/No	
	Well Head Protec	ction: Y/N					
<u>SPRIN</u>	G WATER SOU	RCES:	YES/ N/A				
	How Ma	ny:	Infiltra	ation Gallery: Y/	N		
	Spring N	o. Yield,	gpm	Location		Subject to Flooding	ng
						Yes/No	
						Yes/No	
						Yes/No	
	Is the Sp	ring Area? O	wned:	Fenced and Po	sted:		
	Is the Sp	ring Source?	Enclosed:	Box Covered:		Locked:	
	Surface V	Water Diversion	on Channel Satisf	factory: Y/N			
	Surface V	Water Run-off	Satisfactory: Y/I	N			
	Contact (Chamber Prov	rided: Y/N	Volume:	gal.	Contact Time:	min.
CONSI	ERVATION PRO	OCDAM.					
CONS			of Responsible	Official		Title:	
	1990 Water Cons		-	Omeiai			
CROS	S-CONNECTION						
	Required: Y/N I						
	Name of Respons	sible Official:_				Title:	
CONS	UMER & PRODU						
	Describe Service						
	Total Service Con	nnections:	_			rcial#	
	Total Danulation	Camua di					
	Total Population						
	Meter Replacem						
	-	O		•			
		_		_			
				urchased:			
				s: MG		Unaccounted-for-water:	%
	Leak survey con			· ·		_	

GROUND WATER SOURCES:

YES/ N/A

I. RAW WATER SOURCE DATA

Δ	SI	TR	$\mathbf{F}\mathbf{\Lambda}$	CE.	SO	HR	CES:
/ 1 .	171		1' /		. 71		

II.

How Many:	Drainage Basin(s):
Name Lake(s):	River(s):
Stream(s):	Reservoir(s):
Describe characteristics of the	
1 0 1 0	
% Rural:; % Urba	ın:
-	astrial operations, transportation corridors or other potential contaminate sources
which could adversely impact th	e watershed area:
Id-u4:6- 44-1444:1:-1	Western Western Land American
-	narges into Watershed Area:
· · · · · · · · · · · · · · · · · · ·	Are residential units served by public sewers? Y/N
•	ted on lakes, reservoirs, & streams:
How is public access regulated a	nd monitored?
RAW WATER STORAGE & PUMPI	NG FACILITIES
A. RAW WATER SUPPLY:	
No. of Reservoirs:	Size:Acres
Water Supply Storage Capacity:	MG Average Depth:
Stream bed Impoundment: Y/N	Off Stream: Y/N
Algacide Program: Y/N Chemic	cal Used:
Aeration: Y/N Chlorin	ation: Y/N KMnO ₄ : Y/N Other:
B. RAW WATER INTAKE STATIO	<u>N</u> :
Subject to Flooding: Y/N	Siltation/clogging Problem: Y/N
Number of Intake Withdrawal L	evels:
Intake Screened: Y/N Screen	Type:
Intake Capacity Adequate: Y/N	Gravity Discharge: Y/N Pump Station: Y/N
<u>PUMPS</u> <u>TYPE</u>	<u>CAPACITY</u> , GPM
Auxillary Power Source Availab	le: Y/N

Maximum Pumping Capacity:MGD Pumps Housed: Y/N Remote Control Oper.: Y/N Raw Water Line Size(s): Distance to Pond or Plant:ft./miles Pipe Type(s): Air Relief: Y/N Lines Cleaned (pigged): Y/N Raw Water Meter: Y/N Type: Last Calibration Date: C. PLANT POND / PRE-SEDIMENTATION RESERVOIR: Subject to Flooding: Y/N Any Run-offs/Discharges into Pond: Y/N Surface Area: acres; Effective Storage Capacity: MG Algae Control: Y/N; Chemical Used: Aeration: Y/N; Other Treatment: Any Maintenance/Vegetation Control Program: Y/N Frequency: Pond By-pass: Y/N Intake Screened: Y/N Multilevel Withdrawal: Y/N Flow to Plant: gravity: Y/N Pumped: Y/N Does gravity line valve provide positive flow shut off? Y/N Pumps	Pump Station Area Secured:	Y/N			
Pipe Type(s): Air Relief: Y/N Lines Cleaned (pigged): Y/N Raw Water Meter: Y/N Type: Last Calibration Date: C. PLANT POND / PRE-SEDIMENTATION RESERVOIR: Subject to Flooding: Y/N Any Run-offs/Discharges into Pond: Y/N Surface Area:acres; Effective Storage Capacity: MG Algae Control: Y/N; Chemical Used: Aeration: Y/N; Other Treatment: Any Maintenance/Vegetation Control Program: Y/N Frequency: Pond By-pass: Y/N Intake Screened: Y/N Multilevel Withdrawal: Y/N Flow to Plant: gravity: Y/N Pumped: Y/N Does gravity line valve provide positive flow shut off? Y/N Pumps Type Capacity. gpm Maximum Pumping Capacity: MGD Discharge Line Size(s): inches Distance to Water Plant: ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return: GPM Point of return? Manufacturer: Range: Recorder: Totalizer:	Maximum Pumping Capacity	v:MGD	Pumps Housed: Y/N	Remote Con	trol Oper.: Y/N
Raw Water Meter: Y/N Type: Last Calibration Date: C. PLANT POND / PRE-SEDIMENTATION RESERVOIR: Subject to Flooding: Y/N	Raw Water Line Size(s):		Distance to Pond or Pla	nt:	ft./miles
C. PLANT POND / PRE-SEDIMENTATION RESERVOIR: Subject to Flooding: Y/N	Pipe Type(s):		Air Relief: Y/N	Lines Cleaned	(pigged): Y/N
Subject to Flooding: Y/N	Raw Water Meter: Y/N Typ	e:	Last Calibration Date:_		
Subject to Flooding: Y/N					
Surface Area:acres; Effective Storage Capacity:MG Algae Control: Y/N; Chemical Used:	C. PLANT POND / PRE-SEDIME	ENTATION RESE	<u>ERVOIR</u> :		
Algae Control: Y/N;	Subject to Flooding: Y/N	Any Run-offs/	Discharges into Pond: Y/N	1	
Aeration: Y/N; Other Treatment:	Surface Area:acres;	Effective Stora	ge Capacity:	_MG	
Any Maintenance/Vegetation Control Program: Y/N Frequency:	Algae Control: Y/N;	Chemical Used	d:		_
Any Maintenance/Vegetation Control Program: Y/N Frequency:	Aeration: Y/N;	Other Treatme	nt:		_
Intake Screened: Y/N Multilevel Withdrawal: Y/N Flow to Plant: gravity: Y/N Pumped: Y/N Does gravity line valve provide positive flow shut off? Y/N Pumps Type Capacity, gpm Maximum Pumping Capacity:MGD Discharge Line Size(s):inches Distance to Water Plant:ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return:GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:	Any Maintenance/Vegetation				
Flow to Plant: gravity: Y/N Pumped: Y/N Does gravity line valve provide positive flow shut off? Y/N Pumps	Pond By-pass: Y/N				
Does gravity line valve provide positive flow shut off? Y/N Pumps Type Capacity, gpm MGD Discharge Line Size(s): MGD Distance to Water Plant: ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return: GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:	Intake Screened: Y/N Mul	tilevel Withdrawal	Y/N		
Pumps Type Capacity, gpm Maximum Pumping Capacity:MGD Discharge Line Size(s):inches Distance to Water Plant:ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return:GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:	Flow to Plant: gravity: Y/N	Pumped: Y/N			
	Does gravity line valve provide	de positive flow shu	nt off? Y/N		
Discharge Line Size(s): inches Distance to Water Plant: ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return: GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:	<u>Pumps</u> <u>Type</u>	Capac	ity, gpm		
Distance to Water Plant: ft./miles Is treated plant washwater returned for recycling? Y/N Rate of Return: GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:		Maxir	num Pumping Capacity:	MGD	
Is treated plant washwater returned for recycling? Y/N Rate of Return:GPM Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:		Discha	arge Line Size(s):	_inches	
Point of return? D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:		Distan	ce to Water Plant:	ft./miles	
D. PLANT RAW WATER METER: Type: Manufacturer: Range: Recorder: Totalizer:	Is treated plant washwater ret	urned for recycling	? Y/N Rate of Return:	GPM	
Type: Manufacturer: Range: Recorder: Totalizer:	Point of return?				
Type: Manufacturer: Range: Recorder: Totalizer:					
Range: Recorder: Totalizer:	D. PLANT RAW WATER METER	<u>R</u> :			
Range: Recorder: Totalizer:	Type: Mar	nufacturer:			

III. CHEMICAL STORAGE FACILITIES

STORAGE AREA	Y/N	BULK STORAGE TANKS	Volume(gal.)
Separate Storage Area		Alum	
Dry Chemicals on Pallets		Sodium Hydroxide	
Ventilation Adequate		Sodium Chlorite	
Forced Draft Ventilation		Hydrofluorosilic Acid	
Mechanical Handling Equipment		Phosphate	
Drainage Around Bulk Storage Area		Polymers	
Emergency Containment Area Provided		Lime Slurry	
Liquid Storage Tank Enclosed		Other	
Tank Contents Labeled at Refill Connections			
Tank Fill Connections Secured			

IV. CHEMICAL FEED EQUIPMENT

DISINFECTION SYSTEMS									
Туре	No.	Capacity lbs/day	Operable Y/N	Flow Pacing Y/N	NSF 60 Y/N	Separate Room: Y/N	Gas Chlorination System	Y/N Need	
Gas, Cl ₂							Adequate Ventilation		
Ammonia							Separate Cylinder Storage Room		
NaOCl							Cylinders Secured		
ClO ₂							Protected From Sun Rays		
НТН							Ton Cylinders		
Ozone							150 lbs. Cylinders		
SO_2							Scales		
Other							Evaporator		
							Leak Repair Kits		
							Chlorine Leak Dectector		
							Ammonium Hydroxide		
							Gas Mask: Type: Serviced Date:		
							Automatic Change Over		

V. DRY CHEMICAL SYSTEMS

Feeders	No.	Type	Adequate	Auto Flow	Operable	Other	Comment
			Capacity: Y/N	Proportioning: Y/N	Y/N		
Alum							
Lime/Soda Ash (Pre)							
Lime/Soda Ash (Post)							
Carbon							
Fluoride							
Potassium Permanganate							
Corrosion Inhibitors							
Other							

VI. LIQUID CHEMICAL SYSTEMS

Feeders	No.	Type	Adequate Capacity: Y/N	Auto Flow Proportioning: Y/N	Operable Y/N	Other	Comments
Alum							
Sodium Hydroxide							
Hydrofluorosilic Acid							
Sodium Chlorite							
Potassium Permanganate							
Corrosion Inhibitor							
Polymer							
Other							

COMMENTS:

VII. UNIT PROCESSES

	Che	mical Ad	ldition							
Chemical Application Point(s): Inline: Y/N; Mixing Chamber: Y/N; Other: Sequence of Chemical Addition: Flow Mechanical Flash Mix: Y/N; Static Mixer: Y/N; Rapid (Hydraulic Mix): Y/N Continuous Monitoring: Streaming Current Detector: Y/N Provides flow pacing for Microprocessing Unit: Y/N Provides flow pacing for										
Coagulation	Yes	No		Application Point						
Alum										
Iron Salts										
Polymers										
Other										
Alkalinity Adjustment	Yes	No		Application Point						
Lime										
Soda Ash										
Caustic Soda										
Other										
Iron/Manganese Cont.	Yes	No		Application Point						
KMnO ₄										
ClO ₂										
Cl ₂										
Other										
Taste/Odor Cont.	Yes	No		Application Point						
Activated Carbon(PAC)										
KMnO ₄										
ClO ₂										
Cl ₂										
Other										
Post-Treatment	Yes	No		Application Point						
Gas, Cl										
ClO ₂										
Ammonia										
Lime										
Soda Ash										
Caustic Soda										
Corrosion Inhibitor										
Sodium Silicafluoride										
Hydrofluorosilic Acid										
Sodium Fluoride										

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/ A •		\mathbf{v}	\sim	<i>4</i> 4 4 4 4	

Describe Flow Division Method from rapid mix system to Flo	cculator Chambers:
Describe Flow Inlet Detail to Flocculation Systems:	
·	
Total Number of Flocculation Systems:	
Fixed Baffle Systems (Hydraulic Mix): Y/N	Number:
Mechanical Mixers: Y/N Type:	Number:
Number of Mixing Stages: Variable Sp	eed Flocculators: Y/N
Basin Dimensions: Length:ft; Width:ft; Diameter: _	_ft; Water Depth:ft;
Detention Period (Theoretical):min; Ac	tual Detention Time:min
Verification Method used to determine actual detention	on time:
Basin drain: Y/N Flocculators free of excessive	e silt/sand accumulation: Y/N

B. CONVENTIONAL SEDIMENTATION BASIN(s): Y/N

Basin	Length	Width	Depth	Diameter	Theoretical	Actual	Detention
No.					Detention Time (min)	Detention Period (min.)	Verification
					` '	` '	Method
1.							
2.							
3.							
4.							
5.							
6.							

Describe Flow Inlet Detail to E Basin Effluent Weir Type:		()	n: ft.:	Overfl	ow Rate: GPD/ft.
Weir Elevation Satisfactory:	Y/N			,	
Short-circuiting Observed:	Y/N				
Plate/Tube Settlers in Basin:	Y/N	Baffles: Y/N	Type:		
Automated Sludge Removal:	Y/N;	Type:		;	Operable : <u>Y/N</u>
Manual Cleaning: Y/N	Basin	cleaning frequen	cy:	;	Adequate: Y/N

C. <u>UPFLOW CLARIFIERS AND CONTACT CHAMBERS</u>:

Number: ; Dimensions:	;	Capacity:
Automated Sludge Blow-off:	Y/N	Flow Division into each Chamber Satisfactory: Y/N
Mechanical Equip. Operable:	Y/N	Short Circuiting problems observed: Y/N
Weir(s) Satisfactory:	Y/N	Air Flush System Satisfactory: Y/N

D. FILTRATION

Filter Number:	thru	thru	thru	thru
Type Filter Units				
Gravity				
Pressure				
Last Inspection Date				
Other				
Total Filter Area (ft²)				
Permitted Filter Rate (GPMSFFA)				
Filter Media Configuration				
Mono (Sand, Anthracite or synthetic)				
Dual (Sand, Anthracite)				
Mixed (Sand, Anthracite, Garnet)				
Diatomaceous Earth				
Precoat Satisfactory				
Body Feed Satisfactory				
Material Specifications				
Effective Size/ Uniformity Coefficient				
Sand				
Anthracite				
Garnet				
Media Depth Satisfactory				
Last Date Installed				
Troughs				
Restrained				
Leveled				
Free Board (inches)				
Filter Agitator Type				
Air Scrubber				
Surface/Sub Surface Sweeps				
Last Inspection Date				
Backflow Prevention Device Provided				
Underdrain Type				
Date Installed				
Flow Rate Control System				
Mechanical				
Туре				
Range to MGD				
Last Calibration Date				
Inlet Flow Control				
Declining Rate				
Head Loss Gage operable				
Flow Rate Gage Operable				
Filter Level Control Device				

Filter Number:	thru	thru	thru	thru
Filters Operated Intermittently				
Filter to Waste Provided (Rewash)				
Number of Minutes Rewashed				
Turbidimeter				
Continuous Recorder				
Calibration Frequency				

E DACIZMACII ODEDATIONO	
E. <u>BACKWASH OPERATIONS</u> Filter Operating Periods Between Backwashing:	
Min.: Hrs. Max. Hrs.: Av	verage Hrs.:
Backwash initiated afterhrs. operation or	_
Backwash water source treated: Y/N Identify any	
Backwash flow: (1) Gravity: Y/N	Storage Capacity:MG
Flow Controller: Y/N	Last Calibration Date:
(2) Pumped flow: Y/N	Spare Pump: Y/N
(3) Washwater line sizein.	Air Relief Valve: Y/N
(4) Wash Water Flow Indicator: Y/N	
Filter Conditions :	
Rate of vertical rise measured:in.	
Washwater distributed uniformly: Y/N; Cra	aters: Y/N; Boils: Y/N; Mounding: Y/N;
Me	dia Separation: Y/N; Mudballs: Y/N
Amount of water used for backwashing: mont	thly%.
VIII. PIPE GALLERY:	
Type Valves:	
	Actuator Method:
Leakage in Gallery: None Minor	Actuator Method: Excessive
Leakage in Gallery: None Minor Corrosion in Gallery: Light Modera	Excessive
Leakage in Gallery: None Minor_ Corrosion in Gallery: Light Modera	Excessive Excessive
Leakage in Gallery: None Minor_	Excessive Excessive
Leakage in Gallery: None Minor_ Corrosion in Gallery: Light Modera	Excessive ING FACILITIES
Leakage in Gallery: None Minor_ Corrosion in Gallery: Light Modera IX. PLANT BACKWASH WATER / SLUDGE HANDLI	Excessive ING FACILITIES
Leakage in Gallery: None Minor_ Corrosion in Gallery: Light Modera IX. PLANT BACKWASH WATER / SLUDGE HANDLI Discharge untreated: Y/N Name of Receiving	Excessive ING FACILITIES
Leakage in Gallery: None Minor Corrosion in Gallery: Light Modera IX. PLANT BACKWASH WATER / SLUDGE HANDLI Discharge untreated: Y/N Name of Receiving Discharged into: WPC Facility: Y/N	Excessive ING FACILITIES Water (if any):
Leakage in Gallery: None Minor_ Corrosion in Gallery: Light Modera IX. PLANT BACKWASH WATER / SLUDGE HANDLI Discharge untreated: Y/N Name of Receiving Discharged into: WPC Facility: Y/N Settling Ponds: Y/N	Excessive nte Excessive ING FACILITIES Water (if any): ner:

A. SLUDGE DEWATERING FACILITIES Equalization Basins: No Volume:	MG
Clarifiers: Y/N Volume:	
Sludge thickeners: Y/N Number:	
Sludge Conditioning Chemicals: Polymers: Y/N	 -
Sludge Conditioning Tanks Number:	-
Centrifuge(s): Y/N Press Type : Filter: Y/I	N Belt: Y/N
Describe Filtrate Disposal:	
B. DRYING BEDS	
How many?:	Total area: ft ²
Solids Disposal Site:	
Supernatant Recycled to:Rate:	GPM
C. <u>DISCHARGES INTO SURFACE WATERS</u> Stream: Y/N Name: Discharge in compliance with NPDES Permit C	; Lake: Y/N Name:
C. <u>DISCHARGES INTO SURFACE WATERS</u>	; Lake: Y/N Name:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit C	; Lake: Y/N Name:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit C CORROSION CONTROL PROGRAM: Y/N	_; Lake: Y/N Name:onditions: Y/N
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit C CORROSION CONTROL PROGRAM: Y/N Describe:	_; Lake: Y/N Name:onditions: Y/N Frequency:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit C CORROSION CONTROL PROGRAM: Y/N Describe: Distribution System Flushing Program: Y/N	_; Lake: Y/N Name:onditions: Y/N Frequency:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit C CORROSION CONTROL PROGRAM: Y/N Describe: Distribution System Flushing Program: Y/N Name of Person(s) responsible for flushing:	_; Lake: Y/N Name:onditions: Y/N Frequency:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit Composition Control Program: Y/N Describe: Distribution System Flushing Program: Y/N Name of Person(s) responsible for flushing: Distribution System Corrosion Evaluation Studies Conduction Control Program: Y/N Describe type and length of study: Describe Corrosion Study Results:	_; Lake: Y/N Name: onditions: Y/N Frequency: acted: Y/N Date:
C. DISCHARGES INTO SURFACE WATERS Stream: Y/N Name: Discharge in compliance with NPDES Permit Composition Control Program: Y/N Describe: Distribution System Flushing Program: Y/N Name of Person(s) responsible for flushing: Distribution System Corrosion Evaluation Studies Conduction Control Program: Y/N Describe type and length of study:	_; Lake: Y/N Name: onditions: Y/N Frequency: acted: Y/N Date:

X

No.	Clearwell(s) Storage Capacity(MG)	Pump Suction Well Capacity	Baffled Y/N	Drain Valve Y/N	Screened Overflow Satisfactory Y/N	Screened Vent Satisfactory Y/N	Access Cover Secured Y/N	Comments
1								
2								
3								
4								
5								
6								

Clearwell operated on fill & draw : Y/NClearwell floats on system: $\,Y/N\,$

High Service Pumps	Туре	Capacity gpm/mgd	Auxillary Power available Y/N
1			
2			
3			
4			
5			
6			
Maximum Pump Capaci Finished Water Meter: Y Number of Finished Wat Size(s):	V/N Type:inc	Last Date C hes Distance to	first customer:f
ISTRIBUTION SYSTE	M		
	s in Dist. System (approx)		plain:
DI:			l: Concrete:
1	ZONES : (give elevations)		
B. BOOSTER PUMP			
Location	Number Pumps	Capacity (MGD)	Auxillary Power Avail.
	-		•
			Y/N Y/N

C. STORAGE FACILITIES

Location	Type	Material	Volume	Fenced	Overflow Screened	Drain	Altitude Valve	Coating Cond.	Comments

ъ	DOOCTED CHI ODINATION EACH ITIES
υ.	BOOSTER CHLORINATION FACILITIES
	Locations:
	1
	2
E.	DISTRIBUTION SYSTEM MONITORING
	Cl ₂ Residual: Flow: Y/N Pressure: Y/N
	Tank levels monitored: Y/N
	Other:
F.	SAMPLING PLAN
	Microbiologic al Sample siting plan reviewed and approved: Y/N

Number of sampling sites required: Adequate: Y/N

Sites representative of the distribution system: Y/N

XIII. LABORATORY CONTROL

Sites regularly used: Y/N

YES/NO		NEED
	Separate space for lab	
	HVAC adequate	
	Lab protected from direct sunlight	
	Lab clean	
	Adequate storage	
	Adequate glassware	
	Balance	
	Refrigerator	
	Colorimeter / Spectrophotometer	
	Jar test equip. with lighted base	

Fresh Reagent Solutions available for all test procedures? Y/N

<u>ALKALINITY</u>	
Buret	
Sulfuric acid, N/50	
Methyl purple	
<u>PH</u>	
Electric pH meter Type:	Standardization Frequency:
Buffer solutions:	
Colorimeter comparator: Y/N	
Bromomethyl Blue	
Phenol Red	
Thymol Blue	
Sodium Thiosulfate, 0.1 N	
Cl ₂ RESIDUAL COMPARATOR	
Type: Orthotolidine	
DPD	
Amperometric Titration	
CHLORINE DIOXIDE	
Test method:	<u> </u>
<u>TOC</u>	
Test method:	<u> </u>
SUVA	
Test method:	<u> </u>
TURBIDITY	
Standards:	Type:
Meter: Model:	Serviced: Calibration Frequency:
<u>MANGANESE</u>	
Test method:	Reagent:
<u>IRON</u>	
Test Method:	Reagent:
<u>FLUORIDE</u>	
Test Method:	Reagent:
<u>HARDNESS</u>	
Test Method:	Reagent:
Test Method:	_ Reagent
Test Method:	Reagent:

COMMENTS:

XIV. CONTINUOUS MONITORING

	Raw	Treated	Filter	Finished
pH Value				
Chlorine Res. FACR				
Particle Counter				
Turbidity, NTU				
Fluoride				
Pilot Filter				

XV. <u>RECORD KEEPING</u>

Operational Reports Available at Plant: Y/N Number of Years:_				
Microbiological Reports Available at Plant: Y/N Number of Years:_				
Chemical Reports Available at Plant: Y/N Number of Years:				
Inorg. Org. Rad THMs VOCs Turbidity				
Corrosion Control Data:				
Violation Records:				
Other:				

XVI. SAFETY

Does Plant have a Safety program: Y/N

Fire Extinguishers: Y/N First Aid Kits: Y/N Emergency eyewash Stations: Y/N

Safety rails around basin: Y/N

Appropriate Warning signs on equipment: Y/N

COMMENTS: