Operational Checklist: System Description

(This form is used for the initial system evaluation for the facility and the site. It should be kept on file, and a copy should accompany the service provider at each CMP service visit. Any changes to the system facility should be recorded on the form, along with the date the change was noted.)

System ref. #:
T:R:Sec:No.:
tion, fill out.)
.
License #:
Fax:
License #:
Fax:
License #:
Fax:

Identify operational checklists for components included in system. Number the components of the treatment train in order in the spaces provided after the titles.

Site Assessment on File. Yes No

Tanks and advanced treatment component operational checklists

Pump: Demand-Dosed system:	Aerobic treatment unit:
Pump: Timer-Dosed system:	Constructed wetland:
Holding tank:	Lagoon:
Septic/trash/processing (tank):	Disinfection unit –chlorine:
Pump tank(s):	Disinfection unit –ultraviolet light:
Media filter:	Disinfection unit –ozone:

System ref. #:_____

Final treatment and dispersal component operation	tional checklists:				
Gravity Distribution: Drip field:					
Evapotranspiration bed:	Spray field:				
Mound system:	Outfalls:				
Bottomless sand filter:	Bottomless peat filter:				
Low-pressure drainfield:					

D. No System Documentation Available

3) Access to surface.

i) Compartmented.

i) Manufacturer:

ii) Capacities for compartmented system:

Concrete

Fiberglass

b. Septic tank /Trash tank1) Capacity (total):

2) Material:

Complete the remaining information if it is not available in the permit or as-built drawings. **Facility Details** 1. Number of bedrooms: Square footage of facility: 2. _sq ft 3. Number of current occupants: 4. Design flow: gpd 5. Water supply: Private water supply Public water supply Water source (if private supply): Lateral distance to water supply 6. Groundwater well: ft Spring: ft Surface water (i.e. creek, lake, etc.): ft 7. Garbage disposal present. Yes No Are any water softener or water treatment chemicals used. 8. Yes No Softener backwash drains to system: Yes No Softener backwash does not drain to system: Yes No 9. Has facility been remodeled since original construction. Yes No System Details 1. Site a. Landscape position: Subsurface/gravity b. Drainage: Surface/gravity Subsurface/pump 2. Pretreatment components - Tanks Holding tank a. 1) Capacity: gal 2) Material: Concrete Fiberglass Plastic Other i) Manufacturer:

Yes

Yes

gal 2)

1)_

Other

Plastic

No

No

gal

gal

			System ref. #:			
		Access to surface. Effluent screen. i) Manufacturer:		Model:	Yes	_No _No
c.		w equalization tank (surge, etc. Capacity:)			gal/in
	2) 3)	Material: Concrete Access to surface.	Fiberglass Plastic		Yes	_No
	4)	Pump tank: i) Manufacturer:				N.A.
	5)	Pump: i) Manufacturer:				<u>N.A.</u>
	6) 7)	Pump operating condition i) Discharge Rate: ii) Operating Pressure: Control method				gal/min ft
	0)	ii) Description:	Pressure transducer	Ultrasonic	Other	
	8)	Pump dose settings i) Frequency ii) Interval iii) Volume			d	sec/dose
	9)	Control panel		Model:		-
	10)	Electrical i) Separate circuits (pur		woder:		_No
	11)	ii) Breaker size: Alarm i) Manufacturer:				
			Pressure transducer		Other	
d.		ing pump tank Capacity:				gal/in
		Material: Concrete Access to surface.	Fiberglass Plast	ic	Yes	_No
	4)					N.A.
	5)	Pump: i) Manufacturer:		Model:		<u>N.A.</u> HP:
	6)	Pump operating condition i) Discharge Rate: ii) Head:				gal/min ft
	7)	i) Sensors: Floats	Pressure transducer	Ultrasonic	Other	
	8)	ii) Description:Pump dose settingsi) Frequency:			(loses/day

			System ref. #:		
		0)	ii) Interval:iii) Volume:Panel for sensors		sec/dose gal/dose
		2)	i) Manufacturer:	Model:	
		,) Electrical i) Separate circuits (pump, alarm). ii) Breaker size:) Alarm 		YesNo
			 i) Manufacturer: ii) Sensors: Floats Pressure transducer iii) Description: 		
3.	Pro a.	Aeı	atment components – Advanced probic treatment unit (ATU) Treatment method:		
				g Biological Co eing Batch Read	ctor
		2) 3)	Capacity: Material: Concrete Fiberglass Plastic i) Manufacturer:	Model #:	gpd
		4)	ii) Product serial #: Access to surface.		YesNo
		5)	Effluent screen / Tertiary filter i) Manufacturer:		N.A.
			Air supply i) Air supply method: Aspirator Compressor ii) Manufacturer:	Blower Model #:	
		/)	Sludge return method:		
	b.		ngle pass filter Media: Sand Glass Foam Peat i) Media depth: ii) Liner material:	Other: _	in
		2)	Filter size: i) Dimensions: ii) Accessibility: Buried Free Access	Covered	sq ft ft xft
			iii) Cover material:iv) Lid insulated.		Yes No
		3)	Distribution method: Pressure Gravity i) Pipe diameter:		in
			ii) Flow control: Orifice Spray nozzle Orifice orientation:	Other:	
		4	 iii) Flow control diameter: iv) Number of flow controls (orifices, nozzles, etc.): v) Squirt height/Operating Pressure: vi) Clean outs/Inspection ports: N vii) Clean out access to surface. 	lumber	in in
		4)	Filtrate collection system:		

		System ref. #:										
c.	Rec	circulating	g Filter			•						
	1)	Media:	Sand	Gravel	Polysty	rene	Bottom	n Ash	Foam		Textil	e
			Other:									
			Media depth									in
			Liner materi									
	-		Recirculatio	n method:								
	2)	Filter siz	ze: Dimensions	_							£4	
						Б					_ft x _	1
			Accessibility		ed							
		iv)	Cover mater Lid insulate	1a1: d						Ves	No	
	3)	,	tion method	u.						103_		
	5)		Pipe diamet	er:								in
			Flow contro		ce	Spray	nozzle	Othe	er:			
)										
		iii)	Flow contro									
			Number of f			es, nozz	les, etc.):					
			Squirt heigh									in
		,	Clean outs/I	- I J	L			Number				
	4)		Clean out ac collection sys		face.					Yes	No	
	4) 5)	Forced a	•	stem.								ΝΔ
	5)	i)	Description:									
		,	1									
d.	Tri	ckling filt	ter									
	1)	Media:		Foam	Te	xtile	Plastic	Other:				
			Media depth									in
	2)	11) Filter siz	Liner materi	ial:								ag ft
	2)	i)	Ze: Dimensions								_ft x	
	3)	,	tion method	•								<u></u> n
	-)		Pipe diamet	er:								in
			Flow contro		ce	Spray	nozzle	Othe	er:			
		,		Orifi	ce positio							
			Flow contro									in
			Number of f				les, etc.):					
			Squirt heigh			e:		NT 1		17		in
			Clean outs/I Clean out ac					Number_		_Yes Yes		
	4)		collection sys		Tace.					105		
	5)		aeration:									N.A.
	-)		Description:	·								
	_											
e.		nstructed										
	1)	Bed me			avel	Other	:					
		i)	Number of c Media depth									
		,	Water depth									
			Liner materi									
		v)	Border mate							_		
	2)	Size:										sq ft
		i)	Dimensions	:							_ft x _	

					System ref.	#:	
		ii)	Length to width	ratio.			
	3)		ition method	riano.			 •
	5)		Pipe diameter:				ir
		,	-	Orifica	C	Othern	
		11)	Flow control:			Other:	
		:::)	Elouy control di		tion:		in
			Flow control di		ices, nozzles, etc.)		 111
						•	 in
			Squirt height/O Clean outs/Insp		life.	Number	in No
			Clean out acces			Nuillbei	No
	4)	,		s to surface.			
	4) 5)		loading rate:				 gpd/sq ft
	5)		collection system	1.			
	6) 7)		ring location:				 NI A
	7)	Vegetat					N.A.
	0)	i) Watar l	evel control:				
	8)	i)					 N.A.
		1)	Description.				
f.	Lag	goon syst	em				
	1)	Type:	Aerobic Fa	acultative I	Partial-mixed aerat	ed Anaerobic	
		i)	Water depth:				 <u>ft</u>
			Liner material:				
	2)	Lagoon					sq ft
			Dimensions:				 _ft xft
			Length to width	ratio:			 :
	3)	Inlet to					
				n:			
			Pipe diameter:				 in
			Clean outs.				No
	4)	Vegetat					 N.A.
		i)	Description:				
g.	Disi	nfection	unit				
e	1)	Chlorin	e – tablet				
		i)	Manufacturer:			Model:	
	2)		e – liquid				
						Model:	
	3)	Ultravio					
		i)				Model:	
	4)	Ozone					
		i)	Manufacturer:			Model:	
	5)						
	6)						
	7)	Dechlor					
	,	i)					
		ii)	Manufacturer:			Model:	
	8)	Dechlor	rination monitori	ng location:			

						Sys	tem ref. #	#: <u></u>		
4.	Fir			and dispersal						
	a.		avity dist							
		1)	Type: i)		Bed l, describe liner r	naterial:		T bed		
		2)		tion method:	Gravity-to-grav			-to-gravity		-to-gravity
		3)	Configu	iration:	Parallel	•	Seria		Sequer	• •
		4) 5)		ition approach:	Distribution b	oox	Solid he	ader pipe	Drop box	s Stepdown
		,		Material:	Gravelless Washed rock		-pipe styrene			
	b.	Pre	essure							
		1)	i)	essure drainfield Level. Number of zon a) Switc		Hydraul	ic valves	Se		No
					-	-				-
		2)	iv) v)	 c) Orific d) Numb e) Squirt f) Clean 	liameter: e diameter: e orientation: ber of orifices: height/Operatin outs/Inspection out access to sun heches/beds: trenches/beds:	ports:		Number	Yes_ Yes_	in in in No ft xft
		_)	i)	Distribution m		Bec	1	Other [.]		
			ii)	a) Pipe db) Orificc) Numbd) Squirte) Clean	liameter: e diameter: ber of orifices: height/Operatin outs/Inspection out access to sum hehes/beds:	g head: ports:		Number	Yes_ Yes_	in in in
		3)		stribution						
			i)	Drip tubing ma	nufacturer:			Model:		
			ii)	Filtration: Manufacturer:	Screen Di	isk	Sand	Model:		
				Number of zon a) If mul	Automated les: ltiple, switching area(s):	device:				sq ft
				Field flushing: Air release/Va	Automated		Continu	ous	Manual	N.A.

System ref. #:_____

E. Sketch of system	System ref. #:				
	Scale 1 in = ft				

Signature_____Date_____