Fo.	rm 7-2	Operational Checklist: Aerobic treatme	ent unit (ATU)	
Ser	vice prov	vided on: Date:Time: vided by: Company:	Reference #:	
OCI	Arce broa			
Dat	e of last	service:	By: \square You \square Otl	ner:
		inspection:		NOTES
1.	9 1			
		suspended-growth Attached-growth Sequence	cing batch reactor	
	0.0	Combination attached/suspended-growth		
	LI R	totating biological contactor	¥	
2.	a.	Manufacturer: Model #:	2. ☐ Acceptable	
۵.		Evaluate presence of odor within 10 ft of perimete	☐ Unacceptable	
		m 3 T	Sour	
	b.	Source of odor, if present:	Sour	
	c.	Was foam/residue observed outside the unit.	YesNo	
3.	ATU ac			
	a.	Located at grade.	YesNo_	 ☐ Acceptable
		If 'No', how deep is tank buried.		☐ Unacceptable
			YesNo	
			YesNo	
			YesNo	
1		Lids in operable condition.	YesNo	
4.		/Air supply Air supply method:	4. ☐ Acceptable	
	a.		☐ Unacceptable	
	h	☐ Aspirator ☐ Aerator ☐ Compressor ☐ Blower ☐ F Operation: ☐ Continuous ☐ Timed (On:mir	= onaccoptable	
	c.		YesNo	
	d.	7	resnopsi	
			psr	
	f.	Air filter/screen: □ Cleaned □ Replaced		
	g.		YesNo	
5.	Aeration	n chamber		
	a.	Mixing in aeration chamber.	YesNo	 ☐ Acceptable
	Ъ.	DO in aeration chamber:	mg/L	☐ Unacceptable
	c.	pH in aeration chamber:		
		Temperature in aeration chamber:		
	e.	Settlability test: Settled%, Floating% in mi	in l	
	f.	Biomass color in the aeration chamber:	11	
		□Brown □ Black		
	ø.		YesNo	
6.	Addition	nal tasks for attached-growth: media evaluation	. 03	 6. □ Acceptable
	a.		YesNo	☐ Unacceptable
	Ъ.	Floating.	les No	
	c.		YesNo	
		If washed, indicate method used:	□ Water	
	d.	Media replaced.		
7.	Clarific	ation chamber	7. □ Acceptable	
	a.	Scum layer.	☐ Unacceptable	
	4 4.	If yes, thickness:	in	
	b. с.	Clear zone depth below outlet:	in I	
	U.	Effluent screen/tertiary filter cleaned. N.AY	esNo	

		Operational Checklist: Pump tank (P1 ided on: Date: Time:	(T) Reference #:	
Service provided by: Company: Employee:				
		ervice:	her:	
Date of last inspection:				
			-	
1	Туре:			
~ •	-71	☐ Pump tank ☐ Siphon tank	☐ Surge/Flow equali:	zation tank
		☐ Processing tank ☐ Recirculation tank	☐ Internal pump basi	
	a.	Pump intake depth:	a mornar pamp oasi	
2.		ons at the pump tank	_	NOTES
٠.	a.	Evaluate presence of odor within 10 feet of perir	neter of system:	2. ☐ Acceptable
		□ None □ Mild □ Strong □ Chemical		□ Unacceptable
	b.	Source of odor, if present:		_ Chacopaore
3.	Tank des			
	a.		Plastic	3. ☐ Acceptable
	b.	Capacity:	gal	☐ Unacceptable
	c.		sq ft	E Ghaccoptacte
	d.	Operational depth:	in	
	e.	Gallons per inch (GPI):	gal/in	
4.	Tank ac	cess		
	a.	Access location:		4. ☐ Acceptable
		Located at grade.	YesNo	☐ Unacceptable
		If 'No', how deep is lid buried.	W. W. S. T.	
		Risers on tank.	YesNo	
		Evidence of infiltration in risers.	YesNo	
		Lids securely fastened.	YesNo	
		Lid in operable condition.	YesNo	
5.		tank operating conditions		
	a.	Liquid level relative to outlet: \Box At \Box	in Above □ Below	5. □ Acceptable
	1.	Maximum liquid level of tank (invert of inlet pi		☐ Unacceptable
	ъ. с.	Height at which alarm is activated as measured	ројп.	
	c.	from top of maximum liquid level:	in	
	d.	Evidence liquid level has been higher.	YesNo	
	e.	Evidence liquid level dropped without pumping	. YesNo	
	f.	Evidence of continuous inflow.	YesNo	
	g.	Date of last pumpout:		
6.	Pump/S			
		Pump/Siphon under access.	YesNo	6. ☐ Acceptable
		and the second control of the second control	YesNo	☐ Unacceptable
7.	Dischar	ge assembly: Anti siphon/air release device.	N.A YesNo	
	а. b.	Backflow prevention (check valve) present.	YesNo	7. □ Acceptable
		Air release located below check valve.	YesNo	☐ Unacceptable
	c, d.		YesNo	
		Drain back device present.	Yes No	
	e. f.	Quick disconnect present. Isolation valve present.	Yes No	
	۰, ۱. g.	Inline filters present.	Yes No	
8.		cal components sealed and watertight. N.A	Yes No	
9.	Tank st	ructural condition (evaluate if tank pumped):	N.A	8. Acceptable
	a.	Appears to be watertight (no visual leaks).	YesNo	□ Unacceptable
	ъ.	Rebar exposed.	YesNo	O El Aggentable
	c.	Corrosion present.	YesNo	9. ☐ Acceptable ☐ Unacceptable
	d.	Spalling present.	YesNo	Li Ollacceptable

Notes Notes Notes				
NOTES 1. □ Acceptable □ Unacceptable □ No No) was set at: □ N.A. in (NC) □ [CPD]				
NOTES 1. Acceptable				
1. ☐ Acceptable ☐ Unacceptable ☐ Wo				
No				
No				
No				
N.A.				
N.A.				
N.A. In (NC)				
N.A. In (NC)				
N.A. In (NC)				
n (NC) = [CPD]				
n (NC) = [CPD]				
(NC)				
=[CPD]				
[CPD]				
No				
No 2. ☐ Acceptable				
No				
☐ Single-stage				
amps				
volts				
No				
3. = Acceptable				
re transducers				
No				
No				
et At** Secured				
Datum				
YesNo				
YesNo				
YesNo				
Yes No				
YesNo				
A STATE OF THE STA				
surface or bottom of float tree in				
b. GPI: (Form 6.1 – Item 3.e)				
DV(gal)				

Reference #:_____

6.	Pump d	elivery rate (PDR)			
	a.	Dose volume (from Item 5):			
	b.	Verified pump run time "On":	gal		
7.	T-4-1	gal Dumped ÷ min -	min GPM		
7.	Total ga	llions	GFIVI		
	a.	Method to activate pump: Water added Lifted float			
	О.	rotal gallons (from elapsed time meter)			
		$[\underline{\qquad}(PTR) - \underline{\qquad}(LTR)] \times \underline{\qquad}(GPM) = \underline{\qquad}Total\ Gal$			
		On Total gallons (from event/cycle counter)			
8.	C-11	$[\underline{\qquad}(PCR) - \underline{\qquad}(LCR)] \times \underline{\qquad}(DV) = \underline{\qquad}Total\ Gal$			
٥.		per day (GPD)			
	a.	Total gal ÷No. of days =Gal/day (GPD)			
СРГ): Cycles	ner day			
DV:	dose vo	lume			
		d time meter			
GPI:	gallons	per inch			
GPN	1: gallor	s per minute			
GPL): gallons	per day			
HAN	VD-OFF-	AUTO: Hand-Off-Auto Switch			
LCR	: last cyc	ele reading			
LTR: last time reading					
PCR: present cycle reading					
PDR: pump delivery rate PTR: present time reading					
PIK:	present	time reading			

Form 7-6 Operational Checklist: DISINFECTION UNIT – ULTRAVIOLET LIGHT (DUUL)

Service provided on: Date:Time:	Reference #	
Service provided by: Company:	Employees	
Date of last service:	Ry TVON TOH	er:
Date of last inspection:		VI.
		NOTES
1 D		,
1. Power supply		
a. Dosing method: Pressure dosed	☐ Gravity fed	1. Acceptable
b. Manufacturer: Model #:		☐ Unacceptable
c. Power supplied to the unit. d. UV lamp 'ON'	YesNo	
d. UV lamp 'ON'.e. Electrical system is free of corrosion/damage.	YesNo	
f. Ballast replaced during this visit.	YesNo	
g. Last replacement date:	YesNo	
2. UV controls	//	
a. Unit equipped with a lamp intensity sensor.	YesNo	2. □ Acceptable
b. If so, what was intensity reading:	168	☐ Unacceptable
c. Alarm present.	YesNo	E Gradooptable
d. Alarm operating properly.	YesNo	
3. Contact chamber, lamp, and sleeve conditions	1. (0	3. □ Acceptable
 Evidence of damage or leakage. 	YesNo	□ Unacceptable
b. Contact chamber cleaned/flushed of solids.	Yes No	
c. Type of protective sleeve: Quartz Tel	flon 🗆 Other:	
d. Protective sleeve free of buildup.	YesNo	
e. Protective sleeve cleaned.	YesNo	
f. Protective sleeve replaced during this visit.	YesNo	
g. Date last replaced: h. UV lamp replaced during this visit	//	
The state of dailing this visit.	YesNo	
i. Date last replaced:4. Influent characteristics	//	
a. Turbidity:	2 77777 5	4. Acceptable
b. Flow rate:	NTU	☐ Unacceptable
c. Indicate wastewater characteristics that may con	gpm	
and the state of t	apromise a cautient.	
5. Control panel:	N.A	5. Acceptable
 Controls operating properly. 	YesNo	☐ Unacceptable
b. Is enclosure watertight.	YesNo	□ Gliacceptable
c. Alarm test switch operating properly.	Yes No	
d. At time of inspection, control switch was set to:	N.A	
	"Hand/Manual"	
o TC("Auto"	
e. If auto, setting: Time on: (min) Time	off:(min)	
6. Housing unit: Location:		6. □ Acceptable
a. Appears in good condition.b. Leaks/Cracks present.	YesNo	☐ Unacceptable
b. Leaks/Cracks present. c. Excessive dust present.	YesNo	
Manufacturer's required maintenance performed.	YesNo	
(If 'Yes', attach Manufacturers Inspection form to this rep	Yes No	
3. Lab samples collected for monitoring.	YesNo	
Types of analysis:	10	

	Reference #:						
	đ. e. f. g.		ifier: are in clarifier:	hrough unit	n	ng/L	
	g. Effluent odor after passing through unit: ☐ None ☐ Mild ☐ Strong						
	h. Effluent color after passing through unit:						
	□ Clear □ Brown □ Black						
		Effluent to				ITU	
8.	Sludge	return opera	ating:		Passive Active		8. 🗆 Acceptable
	a. b,	If active, p	nump was checked	l manually. N	AYesNo		☐ Unacceptable
9.	Contro	II active, p l Panel:	oump operating pro	operly. N.	AYesNo		
٥,	a.		perating properly.	IN.	A. Yes No		9. □ Acceptable
	b.	Is enclosur	re watertight.		YesNo		☐ Unacceptable
	c. Alarm test switch operating properly. Yes No						
	d. At time of inspection, control switch was set to: N.A.						
	"Hand/Manual"						
	e.	If auto cet	ting: Time On:	(mains)	"Auto"(. ,	
10.	Alarm(s	s):	ang. Thie On	(mm)	N.A(min)	10. □ Acceptable
	a.	Types:	☐ Air pressure	High was			☐ Unacceptable
	ъ.	Alarms op	erating.	_ 11.g.r ***	YesNo		
	c.	Alarm read			Victoria de la Constancia de la Constanc		
	· · · · · · · · · · · · · · · · · · ·		Reading (present)	Reading (last)	Difference	N.A.	
i.	ETM				hours		
ii.	Alarm C	Counter			Events (NC)		
Elapsed time in alarm status: (PTR) - (LTR) = Time (hours)							
NU	Number of alarm events: (PACR) - (LACR) = Events (number)						
	d. Battery backup charged. N.A. Yes No e. Telemetry operable. N.A. Yes No						
11.	11. Manufacturer's required maintenance performed. YesNo						
	(If 'Yes', attach Manufacturers Inspection form to this report, if supplied)						
12.	12. Lab samples collected for monitoring. Yes No						
	Types of analysis:						

ETM: elapsed time meter
LACR: last alarm counter reading
LTR: last time reading
NC: number of cycles
PACR: present alarm counter reading
PTR: present time reading