

Form 6-3 Operational Checklist: Pump: time-dosed system (PTD)

Service provided on: Date: _____ Time: _____ Reference #: _____
 Service provided by: Company: _____ Employee: _____
 Date of last service: _____ By: You Other: _____
 Date of last inspection: _____

NOTES

1. Controls Timer manufacturer: _____
- a. Is enclosure watertight. Yes ___ No ___
 - b. Alarm test switch working properly. Yes ___ No ___
 - c. At time of inspection, timer was set at: “On” ___ Mode setting ___
“Off” ___ Mode setting ___
 - d. At time of inspection, control switch (HAND-OFF-AUTO) was set at:
“Hand/Manual” ___
“Off” ___
“Auto” ___
 - e. If timer was changed from above, new setting is: “On” ___ Mode setting ___
“Off” ___ Mode setting ___
 - f. Electrical meter readings:

	Reading (this)	Reading (last)	Difference	N.A.
i) ETM			min	
ii) Cycles/events			Events (NC)	

- Calculate cycles/day: _____ [NC] / [Days] = _____ [CPD]
- g. Telemetry operational. N.A. ___ Yes ___ No ___
Type: _____

2. Pump
- a. Pump operating properly. Yes ___ No ___
 - b. Type of pump: Multi-stage Single-stage
 - c. Amps measured: _____ amps
 - d. Voltage measured: _____ volts
 - e. Pump turns on/turns off. Yes ___ No ___
3. Water level sensors
- a. Type of water level sensor: Floats Pressure transducers
 Ultrasonic Other: _____
 - b. Pump sensors functioning properly. Yes ___ No ___
 - c. Alarm sensor operating audible and visible alarms. Yes ___ No ___

4. Sensor settings:

Sensor Number*	Function	Operational	Set At:		Secured
			Inches**	Datum	
1		Yes No			Yes No
2		Yes No			Yes No
3		Yes No			Yes No
4		Yes No			Yes No
5		Yes No			Yes No

*(Designate starting from bottom of tank)

** Measurements are taken from a fixed point (“Datum”) near the surface or bottom of float tree in inches)

5. Pump delivery rate (PDR) (measured)

- a. Pump Off _____ – Pump On _____ = _____ in
- b. GPI: _____ (From Form 6.1 – Item 3 e)
- c. Verified pump run time: _____ min

(_____ In x _____ GPI) ÷ Pump run time (min) = _____ (GPM)

1. Acceptable
 Unacceptable

2. Acceptable
 Unacceptable

3. Acceptable
 Unacceptable

Reference #: _____

6. Dose volume (DV) (from timer setting)
 - a. Pump delivery rate: _____ GPM (from Item 5)
 - b. Verified pump run time: _____ min
_____ GPM x _____ min/cycle = _____ (DV[Gal/ cycle])
7. Total gallons (from elapsed time meter)
 - a. [_____ (PTR) - _____ (LTR)] x _____ (GPM) = _____ Total Gal
OR Total gallons (from event/cycle counter)
[_____ (PCR) - _____ (LCR)] x _____ (DV) = _____ Total Gal
8. Gallons per day (GPD)
_____ Total gal ÷ _____ No of days = _____ Gal./Day (GPD)

CPD: cycles per day

DV: dose volume

ETM: elapsed time meter

GPD: gallons per day

GPI: gallons per inch

GPM: gallons per minute

HAND-OFF-AUTO: Hand-Off-Auto Switch

LCR: last cycle reading

LTR: last time reading

PCR: present cycle reading

PDR: pump delivery rate

PTR: present time reading