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SECTION: C3.10.195 CL0160

0222 Supersedes 0514

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Fusion® Series Treatment System

MODELS ZFL-1120 - ZFL-2400 MAINTENANCE AND SERVICE REPORT

Purpose of Visit: Routine Inspection Model Number: 1120 1440 1680 2	Service Call 🛭 2000 🗘 2400 🖻	Other (Description): Other: Seria	Il Number:	Septic tank present? Yeter use:	s 🗆 No	gallons
System Owner Information			Service Provider Inf			
Name:			Name:			
Street Address:			Street Address:			
City:	Phone:		City:	Phone:		
State:	Email:		State:	Cell:		
Zip Code:	Number of I	bedrooms:	Zip Code:	Email:		
County:	Number of i		Technician:	Fax:		
<u> </u>						
General Observations						
Odors present? Yes	□ No	Description:				
Insects present?	□ No					
Evidence of high water?	□ No					
Excess foam formation?	□ No					
Residue build-up on piping?	□ No					
Even and vigorous bubbling?	□ No					
	- NO					
Required Water Quality Analyses Clean Water Storage Chamber	5	Amenuskie Filauskien	Shambar	Sedimentation Sha		
pH		Anaerobic Filtration (Chamber	Sedimentation Cha	illiber	
Nitrite (NO ₂ -N)	mg/L					
	cm	_	cm			
	in.	Soum _	in.	Scum		in. in.
		Scum _ Sludge _		OL de-		!!!·
Sludge	in.	Sluage _	in.			
Sludge description (check all that apply)		Sludge description (ch	and all that annive	Sludge description (rherk all ti	hat apply):
□ Black □ Brown □ Clear □ Flocced	□ Grainy		Clear - Flocced - Grainy	□ Black □ Brown	□ Clear □	
	□ Grainy	□ Black □ Brown □			□ Clear □	
Black Brown Clear Flocced Gray Milky Muddy Mustard	□ Grainy□ White	□ Black □ Brown □	Clear $\ \square$ Flocced $\ \square$ Grainy	□ Black □ Brown	□ Clear □	
□ Black □ Brown □ Clear □ Flocced	□ Grainy□ White	□ Black □ Brown □	Clear - Flocced - Grainy luddy - Mustard - White	□ Black □ Brown	□ Clear □ Muddy □	
 Black Brown Clear Flocced Muddy Mustard Optional Water Quality Analyses	□ Grainy□ White	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White	- Black - Brown - Gray - Milky -	□ Clear □ Muddy □	
 Black Brown Clear Flocced Muddy Mustard Optional Water Quality Analyses	□ Grainy□ White	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White	Black Brown Gray Milky Sedimentation ChapH	Clear =	Mustard - Whit
 Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber 	□ Grainy □ White	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White	Black Brown Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N)	Gullear of Muddy of M	Mustard - Whit
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (N0,-N)	Grainy White	Black Brown	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L	Black Brown Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N)	Clear = Muddy =	mustard D Whit
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (N0,-N)	Grainy White	Black Brown	Clear - Flocced - Grainy luddy - Mustard - White	Black Brown Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N)	Clear c	mustard D Whit
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N)	Grainy White mg/L mg/L	Anaerobic Filtration C pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N)	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L	Black Brown Gray Milky Sedimentation Chaph Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency	Clear = Muddy =	mg/L mg/L mg/L mg/L mg/L mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.)	Grainy White mg/L mg/L mg/L	Black Brown Gray Milky M	Clear	Black Brown Gray Milky Sedimentation Chaph Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D	Clear = Muddy =	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N)	Grainy White mg/L mg/L	Anaerobic Filtration C pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N)	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L	Black Brown Gray Milky Sedimentation Chaph Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency	Clear = Muddy =	mg/L mg/L mg/L mg/L mg/L mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature	Grainy White mg/L mg/L mg/L	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber - mg/L - mg/L - mg/L - mg/L - mg/L - C - C - C - C - C - C - C - C - C - C	Black Brown Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy =	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO3-N) Ammonia (NH3-N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber	Grainy White mg/L mg/L mg/L	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber Mg/L M	Black Brown Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear Muddy	mg/L mg/L mg/L mg/L cm cm mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber mg/L mg/L mg/L g/C Anaerobic Filtrati Gas release or bubb	Black Brown Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy =	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)?	grainy White mg/L mg/L mg/L c c	Black Brown	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L c C Anaerobic Filtrati Gas release or bubt Sludge transferred?	Black Brown Gray Milky Sedimentation Chaph Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear Muddy	mg/L mg/L mg/L mg/L cm cm mg/L
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L c C Anaerobic Filtrati Gas release or bubt Sludge transferred?	Black Brown Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy =	mg/L mg/L mg/L mg/L cm mg/L cc cc cc
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)?	grainy White mg/L mg/L mg/L c c	Black Brown	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L c C Anaerobic Filtrati Gas release or bubt Sludge transferred?	Black Brown Gray Milky Sedimentation Chaph Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy	mg/L mg/L mg/L cm mg/L Cr No
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L c C Anaerobic Filtrati Gas release or bubt Sludge transferred?	Black Brown Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy	mg/L mg/L mg/L cm mg/L Cr No
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber Mg/L framerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm	Black Brown Gray Milky Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature	Clear = Muddy	mg/L mg/L mg/L cm mg/L Cr No
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber Anaerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm Sedimentation Chaml Scum broken down'	Black Brown Gray Milky Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature ion Chamber oles on water surface? ended? ber ?	Clear Muddy Muddy	mg/L mg/L mg/L cm mg/L ccm ng/L No
Black Brown Clear Flocced Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber Anaerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm Sedimentation Chaml	Black Brown Gray Milky Gray Milky Sedimentation Cha pH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature ion Chamber oles on water surface? ended? ber ?	.O.) Yes _ Yes _ Yes	mg/L mg/L mg/L mg/L cm mg/L cc rg/L No
Black Brown Clear Flocced Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L concept - C Anaerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm Sedimentation Cham Scum broken down' Is pumping recomm	Black Brown Gray Milky Sedimentation Cha pH Nitrite (NO ₃ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature ion Chamber oles on water surface? ended? ber ? ended?	Clear Muddy Muddy	mg/L mg/L mg/L mg/L cm mg/L cc rg/L No
Black Brown Clear Flocced Mustard Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)? Blower Blower filter	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L control Filtrati Gas release or bubt Sludge transferred? Is pumping recomm Scum broken down' Is pumping recomm Control Panel	Black Brown Gray Milky Sedimentation ChapH Nitrite (NO ₂ -N) Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Transparency Dissolved Oxygen (D Temperature sion Chamber ples on water surface? ended? her ended?	Clear Muddy Muddy	mg/L mg/L mg/L cm mg/L CC No
Black Brown Clear Flocced Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO3-N) Ammonia (NH3-N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)? Blower Blower filter Diaphragms replaced?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L Correct Anaerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm Sedimentation Chaml Scum broken down' Is pumping recomm Control Panel Visual indicator opera Audible indicator opera	Black Brown Gray Milky Gray Milky Sedimentation ChapH Nitrite (NO2-N) Nitrate (NO3-N) Ammonia (NH3-N) Transparency Dissolved Oxygen (D Temperature sion Chamber ples on water surface? her ended?	Clear Muddy Imber	mg/L mg/L mg/L cm mg/L ccm No No
Black Brown Clear Flocced Mustard Gray Milky Muddy Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO ₃ -N) Ammonia (NH ₃ -N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)? Blower Blower filter	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L chamber Anaerobic Filtrati Gas release or bubbt Sludge transferred? Is pumping recomm Sedimentation Chaml Scum broken down' Is pumping recomm Control Panel Visual indicator opera	Black Brown Gray Milky Gray Milky Sedimentation ChapH Nitrite (NO2-N) Nitrate (NO3-N) Ammonia (NH3-N) Transparency Dissolved Oxygen (D Temperature sion Chamber ples on water surface? her ended?	Clear Muddy Imber	mg/L mg/L mg/L cm mg/L cm No No
Black Brown Clear Flocced Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO3-N) Ammonia (NH3-N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)? Blower Blower Blower filter Diaphragms replaced? Is the blower housing ventilated?	grainy White mg/L mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L Correct Anaerobic Filtrati Gas release or bubb Sludge transferred? Is pumping recomm Sedimentation Chaml Scum broken down' Is pumping recomm Control Panel Visual indicator opera Audible indicator opera	Black Brown Gray Milky Gray Milky Sedimentation ChapH Nitrite (NO2-N) Nitrate (NO3-N) Ammonia (NH3-N) Transparency Dissolved Oxygen (D Temperature sion Chamber ples on water surface? her ended?	Clear Muddy Imber	mg/L mg/L mg/L cm mg/L cm No No
Black Brown Clear Flocced Mustard Optional Water Quality Analyses Clean Water Storage Chamber Nitrate (NO3-N) Ammonia (NH3-N) Dissolved Oxygen (D.O.) Temperature Cleaning Aerobic Contact Flitration Chamber Recirculation System Piping Aeration line flushed with air (blue valve)? Recirculation pipe flushed (gray valve)? Scum transferred? Sludge transferred? Storage Chamber Effluent valve flushed (white valve)? Blower Blower filter Diaphragms replaced? Is the blower functioning properly?	grainy White mg/L mg/L c c	Black Brown Gray Milky M	Clear - Flocced - Grainy luddy - Mustard - White Chamber mg/L mg/L mg/L mg/L concept - C Anaerobic Filtrati Gas release or bubbt Sludge transferred? Is pumping recomm Sedimentation Chaml Scum broken down' Is pumping recomm Control Panel Visual indicator opera Audible indicator opera Location Control panel for the control pa	Black Brown Gray Milky Gray Milky Sedimentation ChapH Nitrite (NO2-N) Nitrate (NO3-N) Ammonia (NH3-N) Transparency Dissolved Oxygen (D Temperature sion Chamber ples on water surface? her ended?	Clear Muddy Imber	mg/L mg/L mg/L cm mg/L cm No No