



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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August 9, 2018

Mr. Mike Olden
Public Works Director
City of Montesano
112 North Main Street
Montesano, WA 98563

Re: Inspection of Montesano Wastewater Treatment Plant

Dear Mr. Olden:

On July 31, 2018, the Washington State Department of Ecology (Ecology) conducted an inspection of the Montesano Wastewater Treatment Plant. A copy of the inspection report is enclosed for your records.

The facility appeared to be well operated and maintained.

We understand that the city continues to work on protecting the plant from the migrating Wynoochee River. We also understand that the scour hole at the sheet pile wall in the location of the biosolids storage lagoon is now deeper than assumed during the design of the sheet pile wall. The city needs to review this situation with its consulting engineers and determine if this area of the wall needs additional support prior to the onset of the coming winter.

If you have any questions, please contact me by email at david.dougherty@ecy.wa.gov or (360) 407-6278.

Sincerely,

Dave Dougherty, P.E.
Facility Engineer
Southwest Regional Office
Water Quality Program

Enclosure

cc: Kevin Hegel, City of Montesano

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code		NPDES										yr/mo/dy				Inspection Type		Inspector		Facility Type				
1	N	5	W	A	0	0	2	4	6	6	0	1	8	0	7	3	1	C	S	1				
Remarks																								
21																				66				
Inspection Work Days				Facility Self-Monitoring Evaluation Rating								B1		QA		-----Reserved-----								
67			1	69									71	N	72	N	73		74	75				80

Section B: Facility Data

Name and Location of Facility Inspected <i>(For industrial users discharging to POTW, also include POTW name and NPDES permit number)</i> Montesano Wastewater Treatment Plant 128 State Route 107 South Montesano, WA 98563	Entry Time/Date 10:00 am 7/31/2018	Permit Effective Date September 1, 2014
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number Mr. Kevin Hegel, Operator, Plant: (360) 249-3532, Cell: (360) 580-3657 Fax: (360) 249-6849, email: montewwtp@yahoo.com	Exit Time/Date 11:00 am 7/31/2018	Permit Expiration Date August 31, 2019
Name, Address of Responsible Official/Title/Phone and Fax Number Vini Samuel, Mayor 112 N. Main Street Montesano, WA 98563 (360) 249-3021	Other Facility Data (e.g., SIC NAICS, and other description information)	
	Contacted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Stormwater	
<input type="checkbox"/> Effluent/Receiving Waters	<input type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

The Montesano WWTP was inspected starting at 10:00 a.m. on July 31, 2018 by Dave Dougherty of the Department of Ecology. This was an announced inspection for this facility. The last inspection of this facility was April 28, 2016.

Mr. Kevin Hegel, operator, showed me around the facility. The influent flow enters the facility thru a flow and sampling station. The present flow meter may not be in a good location to get accurate flows, so the operator would like to see it moved. The influent then enters the anoxic selector basin where it mixes with RAS. Lime can be added if needed to raise the pH. The operator would like to get rid of the lime and move to a different chemical, such as magnesium hydroxide. The flow then enters a biolac aeration basin. The air pipes to the aeration basin need some work, as some have started to leak. Flow from the aeration basin then goes to the two clarifiers. One clarifier was in use while the other was being drained for cleaning and inspection. WAS from the clarifiers is sent to a holding pond. The city is going out to bid this month to have the solids removed from the pond.

Chlorine gas is used for disinfection of the effluent. The flow goes through a chlorine contact chamber, and is then de-chlorinated. Sulfur dioxide is used for de-chlorination. The operator would like to move away from using the gases and have UV disinfection instead. The effluent flows by gravity to the open ended outfall in the Chehalis River. The outfall was just inspected by divers, as required by the permit.


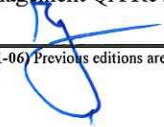
This inspection was completed close to low tide during a minus tide. Much more of the river bottom was visible with the low water level. The river flow is still straight at the corner of the solids holding pond. Once the solids are cleaned out of the pond, the portion of the pond nearest the river will be abandoned, and only the more upland half will continue to be used for solids handling. The wall protecting the pond has not changed recently. Log jacks may be installed this year at the upland area by the pond to protect it from the river.

In a couple years, the disinfection system may also be moved away from the river, and may be upgraded.

The collection system is a STEP system that seems to be working well.

The facility looks to be in good shape. The facility looked clean and well maintained. The effluent looked clear.

Verify Latitude and Longitude☒ Announced
☐ Unannounced

Name(s) and Signature(s) of Inspector(s) Dave Dougherty 	Agency/Office/Phone and Fax Numbers Ecology/SWRO (360) 407-6278	Date 8/1/18
Signature of Management QA Reviewer 	Agency/Office/Phone and Fax numbers Ecology/SWRO (360) 407-6368	Date 8/13/2018

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