

## Livestock and Water Quality Site Visit



<b>Site Visit Information</b>	<input type="checkbox"/> First Visit	<input checked="" type="checkbox"/> Follow-up Visit
Prepared by: Jessica Kirkpatrick	Arrival Time: 10:00 AM	Departure Time: 10:45 AM
Date: 5/10/2017	Current Weather Conditions: Sunny	

<b>Owner/Operator Information</b>	
Name: Lee Wiebe	Street: 6689 Malloy Road
City: Ferndale	Zip Code: 98248
Phone: 360-319-2440	Email: WiebeConstruction@comcast.net

<b>Site Information</b>	
County: Whatcom	Watershed: California Creek
General site description: Mr. Wiebe keeps between 10 and 30 cattle year round on this property. The farm is located in the California Creek drainage, a seasonal tributary to California Creek runs west to east through this farm and monitoring site SW44 is located immediately downstream of the property on Malloy Road.	
This site visit was done to follow up on work Mr. Wiebe planned to do over the winter.	

### Site Evaluation

<b>Stream Corridor and Areas Near Surface Water</b>	<input checked="" type="checkbox"/> Evaluated	<input type="checkbox"/> Not Evaluated
<input type="checkbox"/> Bare, exposed, eroding soils	<input type="checkbox"/> Absence of woody vegetation	
<input type="checkbox"/> Contaminated run-off (active or potential)	<input type="checkbox"/> Manure accumulations	
<input type="checkbox"/> Slumping stream banks and erosion	<input type="checkbox"/> Animal access to surface water	
<input type="checkbox"/> Overgrazing of grasses	<input type="checkbox"/> Livestock paths and trails along riparian areas	
Observations: A tributary to California Creek runs through this property. The stream corridor and areas near surface water appeared to be in good condition.		

<b>Confinement Areas</b>	<input checked="" type="checkbox"/> Evaluated	<input type="checkbox"/> Not Evaluated
<input checked="" type="checkbox"/> Distance to surface water (50 ft)	<input type="checkbox"/> Polluted run-off reaching surface water	
<input type="checkbox"/> Presence of mud and manure	<input type="checkbox"/> Roof runoff water flows to confinement areas	
<input type="checkbox"/> Signs of previous runoff reaching surface water	<input checked="" type="checkbox"/> Adjacent land slopes toward surface water	
Observations: 1. The bull/steer winter confinement area has been restricted to a smaller area near the top of the slope. Animals are no longer in this confinement area for the spring. Roof runoff from the shelter has been diverted around the confinement area.		

2. The dirt-surfaced confinement area west of the barns and main winter confinement noted in previous inspection reports has been managed more like a pasture for the past year and has a vigorous growth of grass. A French drain has been installed that conveys runoff from the road to the north under this area and the access road. This has reduced the amount of water on this area considerably and is therefore reducing the potential for discharging manure contaminated water from it.

Stock Water	<input type="checkbox"/> Evaluated	<input checked="" type="checkbox"/> Not Evaluated
<input type="checkbox"/> Distance to surface water (100 ft) <input type="checkbox"/> Overflow from tanks on to the ground	<input type="checkbox"/> Mud and standing water at tanks <input type="checkbox"/> Animals accesses stream for stock water	
Observations:		

Upland Pasture Areas	<input type="checkbox"/> Evaluated	<input checked="" type="checkbox"/> Not Evaluated
<input type="checkbox"/> Animal access to stream corridors <input type="checkbox"/> Distance to surface water ( ft)	<input type="checkbox"/> Signs of overgrazing and erosion <input type="checkbox"/> Manure accumulations and bare ground	
Observations: The pasture areas were not evaluated during this visit.		

Manure Management	<input checked="" type="checkbox"/> Evaluated	<input type="checkbox"/> Not Evaluated
Current manure management plan? no Manure collected and stored? Yes Manure storage properly sized? Unknown. Manure storage covered? No Manure being collected often? Yes.	Manure stored impervious surface? Yes. Applied during growing season? Yes. Manure applied during non-growing season? No. Vegetated buffer when manure is applied? Yes. Manure applied or stored off site? Unknown.	
Observations: 1. Solid manure is stored in an uncovered concrete bunker adjacent to the barn and confinement area. This pile was full to spilling over the top of the concrete blocks, however no drainage path from the area towards the stream was observed. 2. Liquid runoff from the confinement area and solids storage bunker flows to an underground holding tank just east of the concrete confinement area. Mr. Wiebe has had this pumped down this winter, and there were no signs that it had flowed towards the stream.		

Other Areas of Concern
Comments:

**Corrective Actions**

None recommended.

Photos Taken: ☐ Yes ☒ No

Sample Taken: ☐ Yes ☒ No

**Additional Comments**

Comments:

**Ecology Contact Information**

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Inspector Signature:



Date: 6/19/2017