

Attachment A:
Photographs of Jim Snyder's farm.
February 2010 through September 2014
Administrative Order, Docket #11079

Photo 1: Photo taken on 2/2/2010 near Sample Site B - Downstream. Image primarily shows Pasture B and mud covered areas near the barn where animals are confined. Image shows surface water flowing heavily grazed areas and muddy contaminated areas. The arrow indicates the general direction of surface water flow. On this day "Sample Site B – downstream" had a concentration of 470,000 FC/100 mL.



Photo 2: This photograph of Pasture A was taken near the northwest corner of Mr. Syndar's farm by Washington State Department of Agriculture (WSDA) on February 13, 2014. The yellow polygon highlights a portion of the field where WSDA indicated manure solids had been spread. Photo 3 shows surface water flowing through this portion of Pasture A during a subsequent rain event and discharging from this property. Cattle can also be seen on pasture that is largely denuded of vegetation and slopes to surface water.



Photo 3: This photo, taken from Vista Drive on 3/3/2014, shows conditions Pasture A during a runoff event following the solid manure application documented in Photo 2. Trib W can be seen flowing immediately downstream of the culvert under Vista Drive that it discharges from. Manure solids can be seen spread over portions of pasture where there is field runoff and immediately adjacent to Trib W. The blue arrows show the direction of surface water flow. On this day, water flowing onto Mr. Snyder's property had a concentration of 680 FC/100mL, and water flowing off the farm increased to 17,000 FC/100mL.

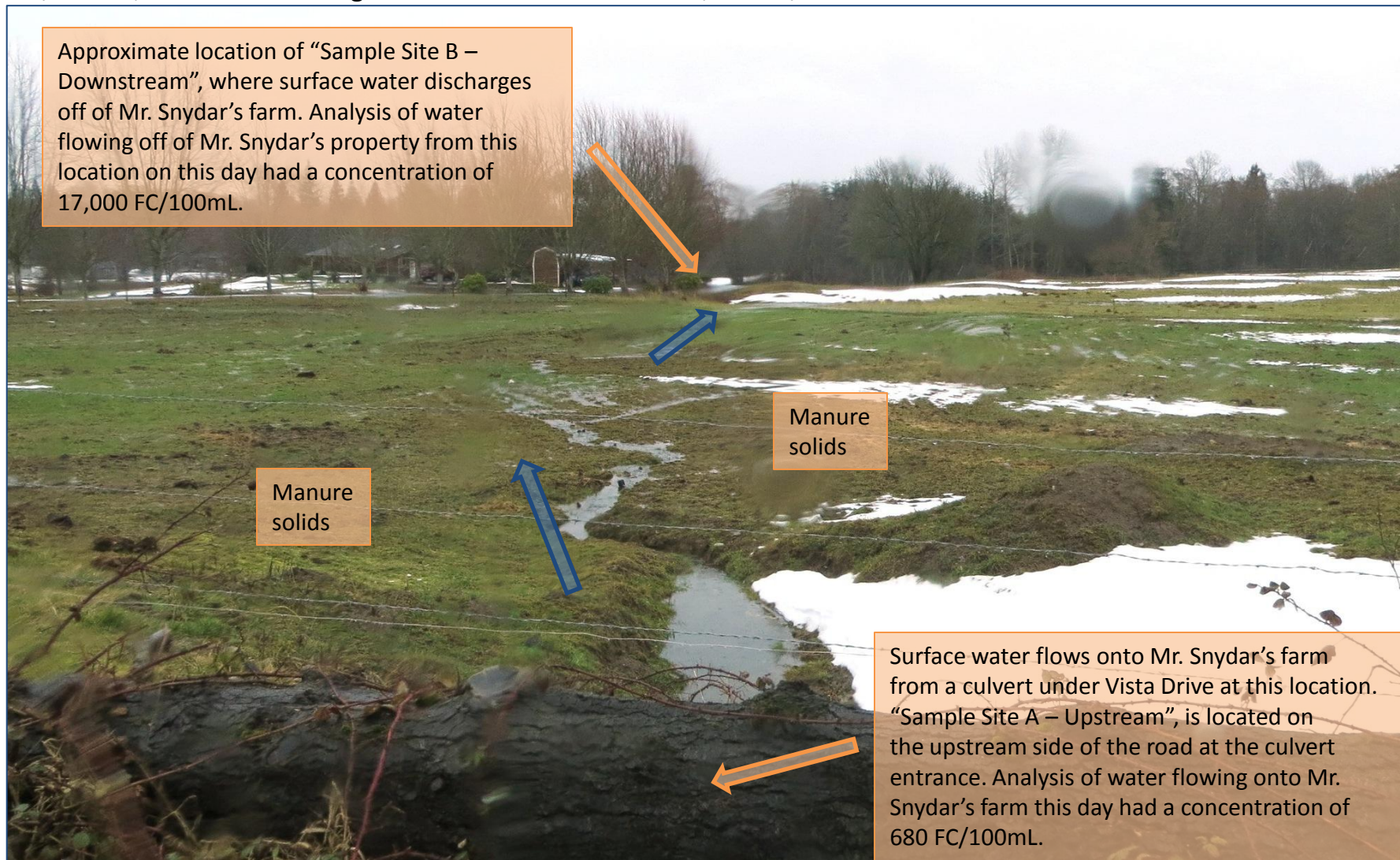


Photo 4: This photo from 3/3/2014 was taken at approximately the same location as Photo 1 (dated 2/2/2010) and shows heavily grazed pasture and manure accumulations similar to conditions documented four years earlier in Photo 1. This photo was taken on the same day and downstream of Photo 3. The blue arrows show the direction of surface water flow. Runoff collected from “Sample Site B – Downstream” on this day had a concentration of 17,000 FC/100mL.



Photo 5: This photo shows manure accumulations on the Pasture A (in yellow polygon) in vicinity of standing and flowing surface water. The arrows indicate direction of surface water flow. The water quality sample from Sample Site B- Downstream, which is downstream of the photographed area, had a concentration of 17,000 FC/100mL.



Photo 6: This photo shows where surface water was observed flowing from near the confinement area to the roadside ditch along Aldergrove Road (Ditch NW). Ditch NW drains to an unnamed tributary of California Creek (Trib E). Blue arrows indicate flow to the Ditch NW., which was largely hidden under the grass canopy. A sample of this runoff from Mr. Snyder's farm was collected in the roadside ditch at Sample Site C – Aldergrove prior to mixing with surface water in the ditch. Lab analysis reported concentration of 38,000 FC/100mL.



Photo 7: Photo of unnamed tributary to California Creek (Trib E) taken on 4/24/2014, from Aldergrove Road. and shows that cattle have access to an unnamed tributary of California Creek. Hoof markings indicate recent cattle access to the creek. No fencing was present to exclude livestock access to the stream.



Photo 8: Photo taken on 9/9/2014, from Aldergrove Road. Cattle have access to stream channel. Livestock access to the stream has destroyed vegetation and caused exposed, bare soil that slopes to the stream. This bare slope will become muddy during rain events and is a substantial potential to pollute.



Cattle access to the stream channel.

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