

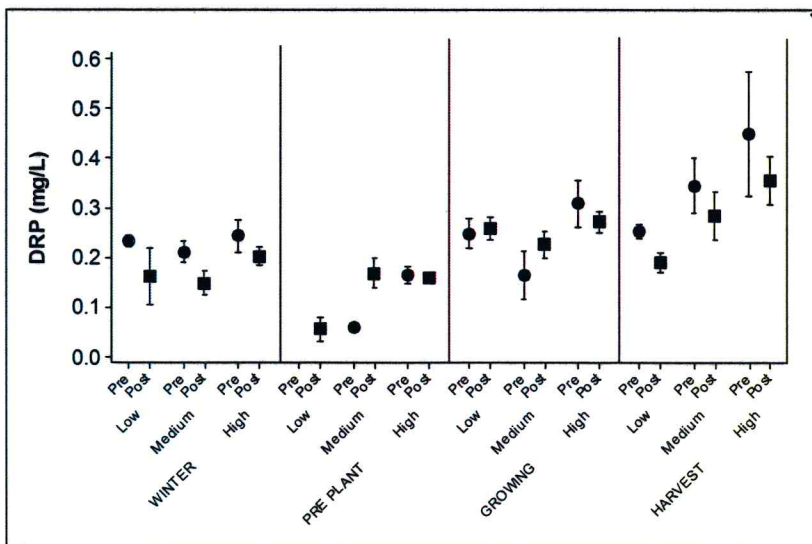
March 2 - December 14	
Water Quality Parameter	Pre vs Post Change (%)
Total Suspended Solids (TSS)	
Low Flow	4
Medium Flow	1
High Flow	-23
Particulate Phosphorus (PP)	
Low Flow	-10
Medium Flow	-13
High Flow	-12
Dissolved Reactive Phosphorus (DRP)	
Low Flow	-16
Medium Flow	44
High Flow	0
Nitrate (NO3-)	
Low Flow	50
Medium Flow	-41
High Flow	-32
Total Kjeldahl Nitrogen (TKN)	
Low Flow	3
Medium Flow	-14
High Flow	-22

Continuing Efforts

- ⇒ Continue ban on winter manure application
- ⇒ Continue to maintain nutrient management plans for all livestock farms
- ⇒ Potential projects to reduce legacy phosphorus in the soil
- ⇒ Encourage moving manure out of the watershed
- ⇒ Harvest two crops per year; more alfalfa/grass in rotation
- ⇒ Encourage immediate incorporation of nutrients at all times
- ⇒ Dewatering manure nutrients
- ⇒ Other edge-of-field practices: retention ponds, saturated buffers, blind inlets, etc.
- ⇒ Reduce commercial fertilizer applications (highly soluble)



A closer look at dissolved reactive phosphorus:



This signifies the importance of the continuing efforts above. Largest increases of DRP (pre-regulation vs. post-regulation) are occurring during pre-plant season (March-May).

