

Appendix 2

Monitoring Programs Reviewed

- The Natural Resources Assessment Section (NRAS) implemented by the Washington Dept. of Agriculture. This program added two new sites in 2013 along Bertrand Creek in Whatcom County in addition to the seven sites already sampled in Skagit and King Counties. They will collect weekly samples from mid-March through the 3rd week of September and analyzes samples for over 170 pesticides, copper, DO, pH, temperature, total suspended solids, and turbidity. They will not be measuring nutrients and phosphate. They plan to report to berry growers regularly during the season with about a month of lag time after each collection. This will allow for adaptive management. The focus of this program is on ESA-listed salmonids.
- NW Indian College in Whatcom County. The sites included in this program are not specifically located around croplands. This routine monitoring program provides data for "nodes" at the lower end of major drainages in areas where fecal coliform is a concern. They are beginning to implement targeted monitoring in priority drainages by segmenting tributaries. This might give a better tie to adjacent land uses. They are not planning to sample directly from a particular parcel.
- Department of Ecology water quality sampling led by Steve Hood samples the full suite of parameters, but does so at a large scale, and it is difficult to tie to croplands.
- The Whatcom Clean Water Program will be sampling fecal coliform. They are currently working on the QAPP. This program is led by Andrea Hood (Department of Health). Will get more details when the QAPP is final.
- The Department of Ecology Environmental Assessment Program is monitoring Bertrand Creek in Whatcom County for nutrients, sediment, and other parameters.