

Table 2. Consolidated list of South Lynden WID priorities, goals, and possible actions.

	Desired outcome(s):	Measurable goals	Actions
1A	<i>Water quality Reviewed & updated after board meeting September 2017</i>		
	<p><i>Agricultural activities in the South Lynden WID do not cause water quality standards to be exceeded in surface water and groundwater bodies within the WID area.</i></p>	<p><u>Goal statement:</u> <i>Relevant water quality standards are met for surface and groundwater within agricultural lands</i></p> <p><u>Progress could be measured by:</u> <i>Achievement of required water quality standards</i></p>	<p><u>Recently completed or ongoing:</u></p> <ul style="list-style-type: none"> <i>i. Coordinated with other WIDs in supporting work to test and apply technology for tracking fecal pollution to its origins using DNA markers.</i> <i>ii. Continued with the ongoing water quality monitoring program, and developed a consistent approach for responding to water quality concerns (Jan 2016 meeting minutes).</i> <i>iii. Contacts with WID landowners to resolve water quality concerns that arose in the monitoring program (as reported at regular WID board meetings)</i> <i>iv. Identified reduction of sediment and nutrient export as a priority in Ag-Watershed Characterization and Mapping Report.</i> <i>v. (2017) Initiated DNA source tracking pilot program in Scott Ditch.</i> <p><u>Priority actions for management plan:</u></p> <ul style="list-style-type: none"> <i>vi. Coordinate with other WIDs on funding for and implementation of source tracking using DNA markers (noted from March 20 work session)*</i> <i>vii. Continue with the ongoing water quality monitoring & response program (noted from March 20 work session)</i> <p><u>Additional actions that might be considered for inclusion here (from meeting discussions & other WID documents):</u></p> <ul style="list-style-type: none"> <i>viii. Communicate water quality results to farmers in newsletter or outreach event</i> <i>ix. Encourage all agricultural landowners in the WID to implement appropriate BMPs, with assistance from the Conservation District*</i> <i>x. Coordinate with Ag Water Board and other WIDs on water quality programs and responses, including Portage Bay Partnership, implementation of best management practices.</i> <i>xi. Maintain a watching brief on installation of ZAPS technology for real-time monitoring of fecal coliforms/E. Coli in water, as Whatcom Conservation District & County Department of Health plan to install several ZAPS units in the area waterways.</i> <i>xii. Consider initiating more intensive local research into sources & factors affecting fecal coliform survival/die-off in the aquatic environment (Nov 2016 meeting minutes)</i> <p><i>* denotes actions that may need additional resources, and more detailed scope & description (see section 5)</i></p>