

Adaptive Management for Stream Cleanup: Using Existing Facilities to
Cleanup Fifteen Mile Creek

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Many streams throughout Idaho begin as pristine water flows and suffer reduced water quality due to tributary inflows. The Boise River provides an example at its confluence with Fifteen Mile Creek. Integrated Watershed Solutions, Inc. and its partners are initiating adaptive management to cleanup Fifteen Mile Creek to a swimmable condition via (1) measuring flows and qualities on a real-time basis throughout the watershed, (2) designing opportunities to divert nutrient-rich water to other uses, (3) reducing nutrient loads via precision agriculture techniques, and (4) implementing final-polish wetlands. This presentation describes the adaptive management process and initial steps toward implementation.