

Hood Canal Action Area Catalog January 08, 2010

PSP Near-term Actions (circle category and insert near-term action number)

A. Protect intact ecosystems near-term action number _____

B. Restore ecosystem processes near-term action number _____

C. Prevent water pollution at its source near-term action number _____

D. Work Together as a coordinated system on priority actions near-term action number _____

E. Build on implementation, monitoring and accountability... near-term action number _____

Hood Canal Action Profile A. B. C. D. E.

Project Title: Mason County Myco-remediation Monitoring

Funding Source(s) and amount: Combination of MCPW, MCPH and DOE ~\$67,500

Principal/Lead and contact information: MCPW, Charlie Butros, general project questions, Water Quality specific information Stephanie Kenny (360)427-9670 x581

Description of Actions Taken (includes grants submitted, ordinances developed/adopted...): Installation of 8 myco sites, ~15 monitoring events, samples including flows were taken above and below the installation

Accomplishments (measurable outcomes): Determined that Myco-remediation, at least under these study circumstances, did not provide treatment.

Challenges/Opportunities (present/future): Limited monitoring (only for fecal coliform) and poorly designed study. Analysis was only performed for fecal coliform, environmental conditions were not controlled (some during wet and dry season). If additional funding sources become available, recommend looking at klebsiella, better controlled testing, testing of specific pathogens and other stormwater contaminants. This would also need to include the potential disposal of the myco-bags if they are contaminated. Preliminary Myco-monitoring performed by Battle and Jamestown-S'Klallam Tribe provided more promising results for the reduction of pollutants.