

General

James

  
**Los Alamos**  
NATIONAL LABORATORY  
**memorandum**

Risk Reduction & Environmental Stewardship Division  
Water Quality & Hydrology Group  
(RRES-WQH)

To/MS: SWAT TEAM MEMBERS  
From/MS: Steve Veenis, RRES-WQH, MS K497  
Phone/Fax: 7-0013/5-9344  
Symbol: RRES-WQH: 02-446  
Date: December 3, 2002

**SUBJECT: FINAL SURFACE WATER ASSESSMENT TEAM MEETING MINUTES FOR  
NOVEMBER 13, 2002**

## 1.0 PURPOSE

The Surface Water Site Assessment Team (SWAT) continues an effort to review the Laboratory's Storm Water Monitoring Program for the Multi-Sector General Permit. A Data Quality Objective (DQO) process will be used to determine the adequacy of the data collected by the Laboratory's monitoring network. The SWAT role is to provide a review of Multi-Sector General Permit (MSGP) Sector K – which includes Solid Waste Management Units (SWMUs), station locations, analytical methods, Benchmark Parameters and approved monitoring waivers and to make recommendations on how to improve the overall approach.

## 2.0 DISCUSSION

### 2.1 Suspended Sediment Sampling

The idea of incorporating suspended sediment sampling as a component of SWMU runoff evaluation has been shared with other LANL organizations, and appears to be gaining acceptance. The consensus is that SSC would be the best method for measuring suspended sediment. A continuing concern is the need to define exactly how SSC data will be used to further the program. For example, if the goal is to evaluate trends, how exactly will we determine that a trend exists, and what specific actions will we take based on that determination? It appears that SSC data would be most readily applicable as a means of determining whether existing BMPs remain functional and whether a site is stable. At future SWAT meetings we will continue to evaluate how to collect and use suspended sediment data.

### 2.2 Decision Logic

A draft decision logic for management of SWMU runoff has been prepared and will continue to evolve. Based on today's meeting, it will be revised to focus on SWMUs with existing BMPs.

### 2.3 Monitoring Locations

The SWAT decided to postpone planned field visits in order to focus on resolving the issues that have been discussed at recent meetings. This likely means that the next field visits will not take place until spring.



## 2.4 EPA Meeting

LANL representatives will travel to Dallas to meet with EPA later this week. Draft presentations on conventional sites and SWMUs were circulated for review at today's meeting. An important element of the SWMU presentation will be the concept of "storm water management units" as a tool for consolidating management of SWMU runoff. There will be a report on the discussions with EPA at the next SWAT meeting.

The next meeting is scheduled for Thursday, November 21, 2002, in Los Alamos at the Pueblo Complex. Any exceptions taken to these minutes should be brought to the attention of Steve Veenis at 667-0013, within five (5) working days of receipt.

### **Participants:**

Barbara Hoditschek  
Kevin Hull  
Ken Mullen  
Steve Veenis

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