

General SW



DRAFT CONFERENCE REPORT CN-019

Date: February 18, 1999

Subcontract No. 609EE0004-31

Work Release: 98-0011

Merrick Job No.: 30013325

Project Title: ER Project Support Related to Water Quality

Date of Meeting: February 11, 1999

Place of Meeting: ESH-18 Conference Room

Attendees:

<u>Name</u>	<u>Group</u>	<u>Mail Stop</u>	<u>Phone</u>	<u>e-mail</u>
Steve Veenis	ESH-18/ER	M995	667-6919	veeniss@lanl.gov
Barbara Hoditschek	NMED/SWQB		827-0596	barbara_hoditschek@nmenv.state.nm.us
Joseph Archuleta	NMED/SWQB		672-0466	joseph_archuleta@nmenv.state.nm.us
Ralph Ford-Schmid	DOE/OB	J993	827-1536	<b>Error! Bookmark not define</b>
Gabriela Lopez-Escobed	CST-7	M992	665-7352	<b>Error! Bookmark not defined.</b>
Julie Wanslow	DOE/OB	J993	827-1536	julie_wanslow@nmenv.state.nm.us
Darlene Williams	DOE/OB	J993	827-1536	darlene_williams@nmenv.state.nm.us
Jeff Waltersheid	ESH-18	K497	667-3643	jeffw@lanl.gov
Terry Rust	ESH-14	M992	665-8843	trust@lanl.gov
Mike Alexander	ESH-18	K497	665-4752	mike@lanl.gov

**1.0 PURPOSE**

Standard Operating Procedure (SOP) 2.01 was developed to provide a systematic approach to identifying Potential Release Sites (PRS) which have the potential to adversely impact surface water quality through surface water runoff or erosional processes. As a part of this procedure, a Surface Water Site Assessment Team (SWAT) was coordinated with representatives from the Environmental Restoration Project, Water Quality & Hydrology Group (ESH-18), DOE/Oversight Bureau and LANL Facility Management. The SWAT role is to provide recommendations from



LANL/ER/FrameWork M/15c/SWAT

the SOP 2.01 findings for the installation of BMPs that may be needed to address erosion at PRSs. These recommendations are then provided to the ER Project and Facility Management for their evaluation. The SWAT role is to provide recommendations to the ER Project or Facility Managers, not to direct work or actions.

The SWAT is responsible for

- Evaluating Constituent Assessments (Part A) and Surface Water Site Assessments (Part B) for completeness or for potential surface water impacts,
- Recommending whether a corrective/interim action is necessary at an evaluated site,
- Providing input for schedule and prioritization for a corrective/interim action at an evaluated site,
- Determining who the appropriate responsible party is for implementing a corrective/interim action at an evaluated site, and
- Communicating the findings of SWAT to the appropriate responsible parties and regulators.

## 2.0 DISCUSSION

2.1 The following issues were discussed at the SWAT meeting:

- SWMU aggregation/consolidation issues were discussed. Barbara Hoditschek expressed a concern that the SWAT should remain in the decision making/recommendation loop on future aggregation/watershed issues.
- Inspection and maintenance of BMPs were discussed. Steve Veenis described the intended approach for ER and how the new contractor selected to install BMPs would interface with ESH-18. A standardized inspection form will be used throughout the process.

2.2 The following PRSs were discussed individually at the SWAT meeting:

- **0-030(g)** – Septic tank and outfall located near old Catholic Church on south side of Acid Canyon. Tank, drainline and contaminated soil were removed in 1993. Lower inactive access road within canyon acts as a

retention dam and doesn't allow surface water to flow into Acid Canyon

from the drainage of concern. A second phase two SAP is being developed and will be implemented this spring.

Recommended Action: Evaluate data collected from SAP and consider whether BMPs are appropriate at future SWAT meeting.

ER Contact – Terry Rust  
FM Contact - Dave Padilla

- **0-010(a)** – Surface disposal site located on small mesa southwest of MDA B in TA-21. The Surface Water Assessment was conducted at the wrong location.

Recommended Action: Perform Surface Water Assessment at correct location, and discuss findings at future SWAT meeting.

ER Contact – Terry Rust  
FM Contact - Dave Padilla

- **1-003(d)** - Former disposal site on hillside in Los Alamos Canyon, just over edge of mesa top. Known as Can Dump Site. Debris removed from bench in 1994-95. Site reseeded and jute matted.

Recommended Action: None at this time.

ER Contact – Terry Rust  
FM Contact - Dave Padilla

- **1-007(c)** - Surface disposal site located in townsite. The Surface Water Assessment was conducted at the wrong location.

Recommended Action: Perform Surface Water Assessment at correct location, and discuss findings at future SWAT meeting.

ER Contact – Terry Rust  
FM Contact - Dave Padilla

- **0-017** – A long section of waste line under parking lot north of LAMC main building. Waste line also proceeds south down into and across LA Canyon (Line 167). Worst case portion of the site was scored (Line 167). No visible erosion was observed. Pb found during sampling under bridge is believed to be from paint on the bridge and is not believed to be associated with the PRS. Further sampling is being performed.

Recommended Action: Re-evaluate when data is received from sampling effort. LA County may need to address the Pb problem.

ER Contact – Terry Rust  
FM Contact - Dave Padilla

- **3-009(d)** - Construction debris surface disposal site consisting of asphalt, concrete, rebar and misc debris. Storm water culvert discharges through PRS. Site appears stable. No data exists for the site.

Recommended Action: Photodocumentation is needed. Sample collection is recommended unless adequate knowledge of process information can document that contaminants do not exist at the site.

ER Contact – Gabriela Lopez-Escobed  
FM Contact – Steve McCleary

- **3-045(a)** - An inactive outfall from the Steam Plant, TA-3-22, that was operational from the 1950s through May 1993. The outfall received water from floor drains in the basement, first floor, mezzanine, heater floor, platform, and roof drains, as well as steam condensate and floor wash water. Following a diesel fuel release from PRS 3-036(j) in 1991 associated with two diesel tanks at TA-3-22, the soil around the outfall area was removed and replaced with clean fill as part of a corrective action.

Recommended Action: Re-visit site to determine if appropriate site was assessed. If not, an assessment should be performed on the correct site.

ER Contact – Gabriela Lopez-Escobed  
FM Contact – Ed Hoth

- **5-004** - Past evidence of historic trench location and old septic tank. PRS boundary extends over mesa edge onto lower "bench type" setting. Septic system removed in 1985. Samples collected recently but data is pending.

Recommended Action: Re-evaluate data at future SWAT meeting when pending data is received.

ER Contact - Gabriela Lopez-Escobed  
FM Contact – David Padilla

- **53-012(b)** - Outfall from cooling tower 53-62 located directly to north (03A048). No sampling has been performed for this site.

Recommended Action: Collect samples to determine if COPCs are located within drainage. Determine if storm water sources are connected to the NPDES outfall.

ER Contact - Gabriela Lopez-Escobed  
FM Contact – Jim Fraser

- **53-002(a)** - Located between Sandia and Los Alamos canyons. Former NPDES outfall from lagoons at TA-53. Outfall at east end of lagoons has riprap. East of site there are a series of straw bale barriers surrounding former discharge area above cliffs.

Recommended Action: Ownership of BMPs at site must be determined for inspection/maintenance concerns.

ER Contact - Gabriela Lopez-Escobed  
FM Contact – Jim Fraser

- **35-016(c)** - Includes two formerly permitted inactive outfalls (NPDES Permit Nos. 04A088 and 04A012) that discharged non-contact cooling water from a warehouse (TA-35-67). They were established in 1964. 1985 had combined the drain line to outfall 04A088 with the drain line to outfall 04A012. The outfall was deactivated in 1987. PRS extends from canyon edge to bench within Ten-Site Canyon.

Recommended Action: Drainage combines with 35-016(d) drainage to form a combined "aggregated drainage". SWAT recommends that BMPs be combined for both drainages.

ER Contact - Gabriela Lopez-Escobed  
FM Contact – Pete Bussolini?

- **48-007(b)** - An active outfall that discharges non-contact cooling water from a magnet and a laser housed in TA-48-1, it discharges up to 4300 gal. per day into Mortandad Canyon and was grandfathered into the NPDES permit (LANL 1985, 853). It has NPDES Permit No. EPA 04A 016.

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Recommended Action: Check WSC report for storm water sources to outfall, which reaches the wetland below site.

ER Contact - Gabriela Lopez-Escobed  
FM Contact – Sara Helmick

**Any exceptions taken to these minutes should be brought to the attention of the recorder, through the ESH Division contact, within five (5) working days of receipt.**

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Steve Veenis, CPESC, Project Manager

SV/paw

cc: Conferees  
D McInroy, mcinroy@lanl.gov  
Project File  
Records Center