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Date: December 19, 1996
 Refer to: EM/ER:96-632

Ms. Marcy Leavitt
 Bureau Chief
 NMED-GWQB
 P.O. Box 26110
 Santa Fe, NM 87502

Mr. Ed Kelley
 Acting Bureau Chief
 NMED-SWQB
 P.O. Box 26110
 Santa Fe, NM 87502

SUBJECT: MINUTES FOR MONTHLY MEETING WITH WATER QUALITY BUREAUS

Dear Ms. Leavitt and Mr. Kelley:

Enclosed please find a copy of the meeting minutes pertaining to the meeting held in Santa Fe on December 5, 1996. The meeting included staff members of the Ground Water Quality Bureau (GWQB), Surface Water Quality Bureau (SWQB), Hazardous and Radioactive Materials Bureau (HRMB), Agreement in Principle staff, and members from Los Alamos National Laboratory's Environmental Restoration Project and Water Quality/Hydrology groups. We would like to thank SWQB, GWQB, and HRMB for providing review comments on the meeting notes.

Should you have any questions, please call Dave at (505) 667-0819 or Bonnie at (505) 665-7202.

Sincerely,

David McInroy, Compliance Manager
 LANL/ER Project

Sincerely,

Bonnie Koch, Compliance Manager
 DOE/LAO

Sincerely,

Alex Puglisi, Compliance Manager
 Water Quality/Hydrology



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tz

DM/BK/bp

Enclosure: December 5, 1996, Minutes for Monthly Meeting with SWQB and GWQB

Cy (w/ enc.):

T. Glatzmaier, DDEES/ER, MS M992
D. Griswold, AL-ERD, MS A906
J. Jansen, EM/ER, MS M992
B. Koch, LAAO, MS A316
D. McInroy, EM/ER, MS M992
A. Puglisi, ESH-18, MS K497
S. Rae, ESH-18, MS K497
P. Shanley, ESH-20, MS K498
T. Taylor, LAAO, MS A316
T. Todd, LAAO, MS A316
S. Veenis, ESH-18, MS K497
RPF, MS M707

P. Bustomanta, NMED-GWQB
T. Davis, NMED-HRMB
H. Decker, NMED-AIP
R. Ford-Schmed, NMED-AIP
B. Hoditschek, NMED-SWQB
J. Rogers, NMED-GWQB
S. Yanicak, NMED-AIP, MS J993

Cy (w/o enc.):

T. Baca, EM, MS J591
R. Sena, AL-ERD, MS A906
EM/ER File, MS M992

Meeting Minutes
Monthly SWQB/GWQB Meeting
December 5, 1996

I. Waste Stream Characterization (WSC):

Steve Rae of ESH-18 gave an overview of this NPDES related project which was required by an EPA Administrative Order (AO)/Federal Facilities Compliance Agreement (FFCA). A graph-time line was presented as a visual aid. The project began with a survey conducted 1991-1994; the survey was a building by building, drain by drain investigation into permitted vs. unpermitted discharges which identified 7602 deficiencies. An AO required that 50% of these corrections be met by September 30, 1995. An extension to the AO to meet the original October 1, 1996 100% completion goal was necessary due to a safety accident. The new deadline is March 31, 1997. Some of the corrections are administrative in nature. The two NOIs for (1) the TA-55 Safety Showers and (2) the drains for the drinking water wells submitted to NMED are representative of two administrative corrections. Rae explained that the safety showers are tested monthly. The well drains are mainly for leaks in the floors of the pump houses. Rae asks for a status report on the review of the NOIs. Saums said he could not make a final determination on the NOIs until EPA provides their determination that the sources do not need to be NPDES permitted¹.

Discussion:

Glenn Saums of NMED SWQB said that he would like the NOIs addressed in the next NPDES permit application; a full disclosure of the nature of and activities associated with the discharges should be made in the application. Saums and Barbara Hoditschek of NMED SWQB mentioned outfall count. Rae said that LANL is down to 88 outfalls from 145 that were once on the permit. Rae said that WSC resulted in 75 Form-2D submittals to EPA for unpermitted. Saums asked if EPA had responded to the submittals; Rae said he did not think that EPA had responded in writing. Hoditschek has the results of the recent inspection and may have a different number of remaining outfalls than that mentioned by Rae. During Hoditschek's visit to LANL on December 17, ESH-18 and NMED will compare their lists to resolve any differences.

Ralph Ford-Schmidt, DOB, asks how storm water discharges to NPDES outfalls are addressed. Rae's reply is that generally the letters to EPA which ask for outfall deletion ask that the storm water source remains; EPA has not responded in writing to these letters. Saums mentioned a similar case outside LANL in which EPA would not allow the storm water portion of a deleted outfall to remain. Rae said he would have to check the 1990 permit application to see if storm water was referenced as a source to the outfalls which are to be eliminated.

II. Release Notifications for ER Sites:

Alex Puglisi and Dave McInroy distributed a flow chart and information which shows how WQCC spill notifications (1203's) and HSWA notifications (Section H of Module VIII) are currently

¹Steve Rae met with EPA on 12/13/96 and EPA stated verbally that the sources will not require an NDPE Permit.

interpreted and conducted for ER sites which are "legacy" spills. The chart shows that most sites which have constituents in soil above background, SALs, WQCC standards, will present data in RFI documents such as RFI Reports; a cover letter will highlight information for the two water quality bureaus. Alex mentioned that recently investigated sites have not been reported under 1203 because of an agreement between LANL and NMED SWQB to withhold new reports until alternate methods could be determined. This is shown on the right side of the flow chart. Based on recent history with a PRS at TA-18, LANL presents an interpretation on the left side of the flow chart which shows that both HRMB and SWQB/GWQB may require a subset of ER sites to still receive notification under WQCC 1203 and HSWA Module VIII Section H. McInroy briefly discussed reporting requirements for RCRA Module II and VIII, WQCC 1203, NCP/DOT, and CERCLA/SARA. The flow chart shows that LANL is asking the bureaus to help identify what the criteria for the subset are; is the criteria of "exceedence of WQCC standard, MCL, or ER SAL in ground water or surface water in a perennial stream" an adequate interpretation for this subset? If not what are the criteria; if the criteria are the same for both types of notifications, can parts or all of the two processes be combined somehow?

Discussion: Teri Davis said that HRMB will still require a 24 hour verbal and 15 day written notification for a "release" under RCRA Modules II/VIII for a subset of sites². John Rogers of GWQB said that Marcy Leavitt has no objection with RFI documents used in the notification process for legacy spills as long as the cover letter for the document highlights the WQCC exceedence. NMED will work on a definition of a "release" that HRMB, SWQB, and GWQB can potentially agree on. Davis then raised the question to Rogers of the lag time between discovery of exceedence and report submittal; the time can be on the order of 4 to 5 months. Saums said that SWQB would also require the 24 hour verbal notification and 7 day written notification for a subset of sites for any surface water site.³ Davis said that the three bureaus are scheduled to meet together and they can add to their agenda a discussion of how the verbal and written notifications might be combined. Rogers and Saums indicated that SWQB and GWQB might allow the WQCC spill requirements for 15 day Corrective Action Plan/30 day Corrective Action Report to be covered by RFI documents; this would also be covered in the meeting between the three bureaus. Saums also felt that the WQCC might have to adopt a policy allowing any acceptable deviation from the 1203 regulation such as contacting HRMB instead of the GWQB as currently required. A third item to be covered in the meeting between the three bureaus would be the criteria for the subset for which notification will still be required. Davis said the 3x SALs in soil could be considered for addition as a criteria

²NMED HRMB provided a review comment requesting that "a subset of sites" be eliminated from this sentence. DOE/LANL requested that the current reference remain and that the "subset" reference become a topic on the next meeting's agenda.

³NMED SWQB made a review comment requesting that "a subset of sites" be changed to "for any surface water site." DOE/LANL requested instead that the change be shown in highlight and that the "subset" reference become a topic on the next meeting's agenda.

to subset for reporting⁴. Harvey Decker of DOB said that the criteria for streams should not be limited to perennial; ephemeral streams should also be included. Saums and Davis said that 24 hour verbal notification need not be made until validated data confirming a release is received. Saums also said that DOB should be called if deployed field sampling teams receive an indication from a field screen that constituents are present in water samples so that they might have the opportunity to split samples. The closing remarks to the discussion were that this item will be on next month's agenda. At this time, the bureaus will confirm their requirements for 1) the criteria for the subset of sites requiring notifications; 2) how the notifications can be combined.

III. Best Management Practices (BMPs) for ER Sites:

The ER Program said that this segment would be added to all meetings in order to respond to Hoditschek's request for a list of sites for which BMPs are installed. Teri Davis said that HRMB requests that the PTS Report and the RFI Report make note of the installation of BMPs. Davis further recommended that a short report on the BMPs could be done as either a report on a stabilization initiative or perhaps an interim action (IA). Bonnie Koch, DOE, reported that BMPs do not generally become IAs in the ER Program. Because of this, they are, for the most part, not in the ER baseline. Steve Veenis and Dave McInroy, LANL, distributed spreadsheets showing how the BMPs are identified and tracked. The data bases show date of installation and provide information on whether the BMPs require active management. NMED recommended that these tracking systems show when the BMPs are closed out. Veenis and McInroy discussed how the data bases are being combined and how they can be sorted by date of installation; next month's distribution can show those most recently installed at the front of the list.

Veenis discussed the evaluation process for determining type of BMP required based on site conditions. Veenis reviewed variety of type and discussed combinations used for control of run on and runoff.

The notification process in relation to BMPs was also discussed. The ER Program views its administrative procedure (AP; LANL-ER-AP-4.5), sometimes referred to as the "Systematic Evaluation," for identification of sites requiring BMPs as a mechanism to address legacy releases (via immediate installation of controls to protect water quality and water courses) which also helps provide for filling the gap between notifications for legacy sites and recent spills requiring 1203's⁵.

Saums and Hoditschek asked about accountability for use of the AP and recommended a self inspection program for installation and inspection of BMPs. Veenis and McInroy said that the AP can be revised if necessary to provide more explicit requirements for inspections. But, because the

⁴The ER Program interprets this requirement to mean outside the boundary of a PRS; this interpretation can be discussed at the next meeting.

⁵Revisions to the AP have been suggested by both LANL and NMED SWQB. The topic of revisions will be placed on the agenda for the next meeting so that NMED can present their recommendations.

ER Program is much narrower in scope than the range of LANL operations, Veenis and McInroy can closely follow use of the AP.

IV. Statusing, a&b, NOIs:

Phyllis Bustamente said that the 0-016 and 16-021(c) NOIs are being reviewed by NMED. Prior to this meeting she had requested and received additional information from Alex Puglisi for both NOIs and this will expedite the final reviews by GWQB.

IV. Statusing, c. RFI Report Format/Checklist for Surface Water, Ground Water:

The ER Program will bring a straw man of the format/Checklist for the RFI Reports for surface water and ground water concerns to the next meeting. Hoditschek said that she is the lead for developing a DOU annex to address this issue; because of this, she can defer the date of the DOU annex to a time after completion of the straw man.

IV. Statusing, d. TA-15:

Hoditschek is concerned with LANL management systems to prevent spills (1203's). Alex Puglisi of ESH-19 explained that the systems are in place but not always followed; Puglisi distributed a flow chart of the ESH-ID process. Koch will let Hoditschek know the results of a DOE analysis of how changes to work control may correct this problem. Hoditschek will visit TA-15 on December 17; Hill of HRMB and Hoditschek may both visit the site on December 19. Puglisi stated that a decision of whether the stream channel and the road fill should be sampled will soon be delivered to NMED. A review of past RFI data and site visits will be fundamental in making that decision.

Meeting Close:

Next meeting to be held ~~January 20, 1997~~.⁶ Release notification and BMPs would be on this next meeting's agenda. No other action items were noted.

Agenda Action Items as a Result of Meeting Notes Reviews:

As a result of NMED review of the minutes, two other topics will be added to the agenda for the next meeting (see footnotes 2 and 3):

- 1) reporting for "subset of sites" verses "for all surface water sites";
- 2) recommended revisions to LANL-ER-AP-4.5.

⁶January 20, 1996, is the observation of Martin Luther King's birthday; the meeting is tentatively rescheduled to January 23.

Meeting Agenda
LANL-NMED SWQB/GWQB MONTHLY MEETING
December 5, 1996, 8:00 A.M.

- I. Waste Stream Characterization (WSC)
 - LANL will lead a discussion on current activities associated with NOIs supporting the WSC.

- II. Release Notifications for ER Sites
 - Dave McInroy and Alex Puglisi will lead a discussion of the various release notifications that must be made by LANL ER and ESH divisions, how the notifications are currently made for particular types of sites, etc., and a proposal for how the release notifications can be unified.

- III. Best Management Practices for ER Sites
 - Dave McInroy will distribute a list of BMPs

 - Steve Veenis will briefly discuss identification and evaluation of different engineering solutions applied to BMPs.

- IV. Statusing Segment
 - a. NOI for ER PRS 16-021(c)
 - Steve Veenis will lead a discussion concerning the NMED Nov. 1, 1996 requesting clarification on the NOI for this site.

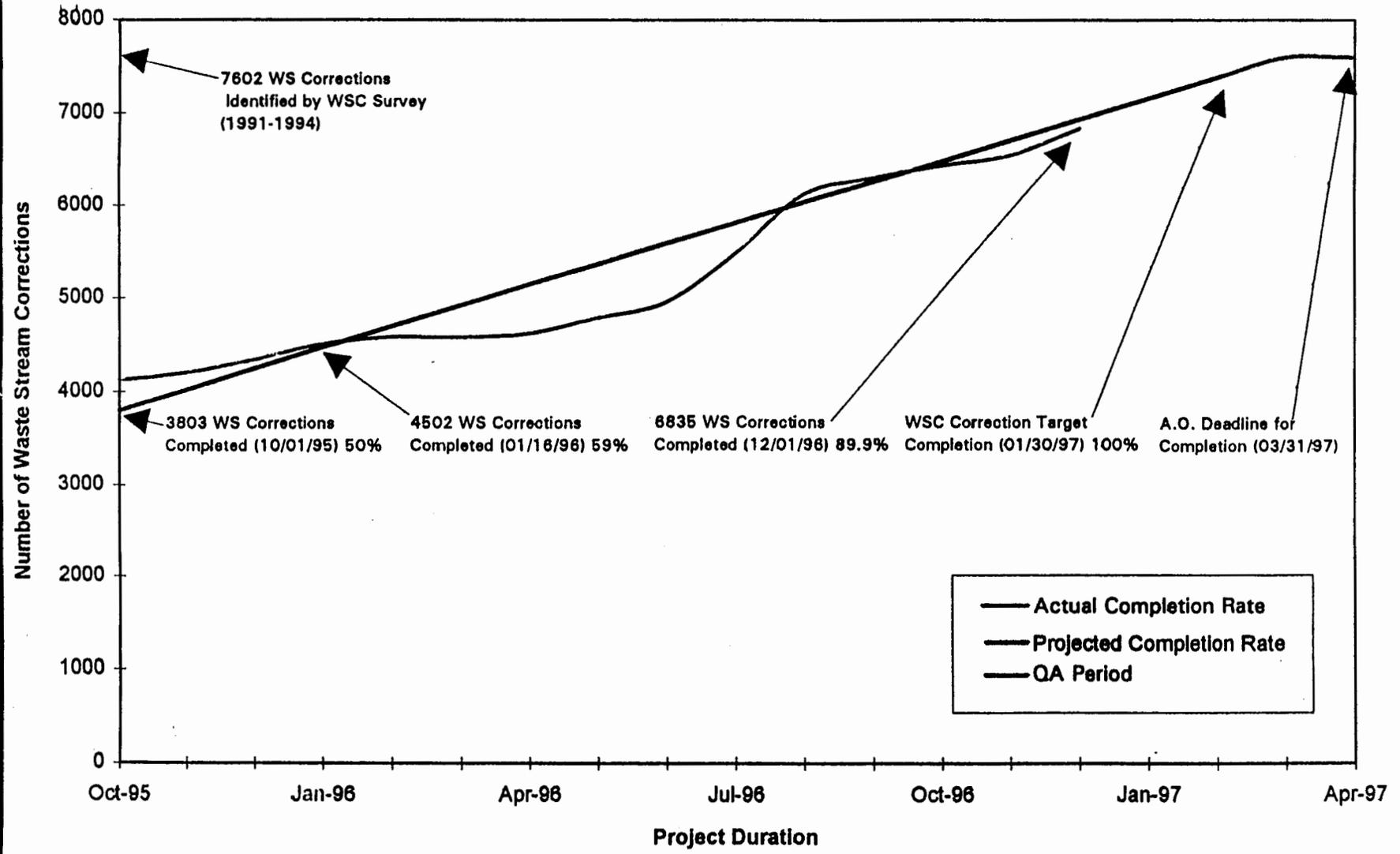
 - b. NOI for PRS 0-016
 - LANL to request from NMED a status on the review of this NOI which was submitted early this fall.

 - c. Status of SWQB "Checklist/Format" for RFI Reports, etc.
 - Barbara Hoditscheck is preparing the subject checklist/format and ER would like to request a description of the checklist/format plus any schedules for when the checklist might be available.

 - d. TA-15 Release and Status of Controls for Ensuring Compliance
 - B. Hoditscheck has requested that LANL describe management systems requiring accountability for compliance with water quality regulations during project operations in relation to the TA-15 release and in general.

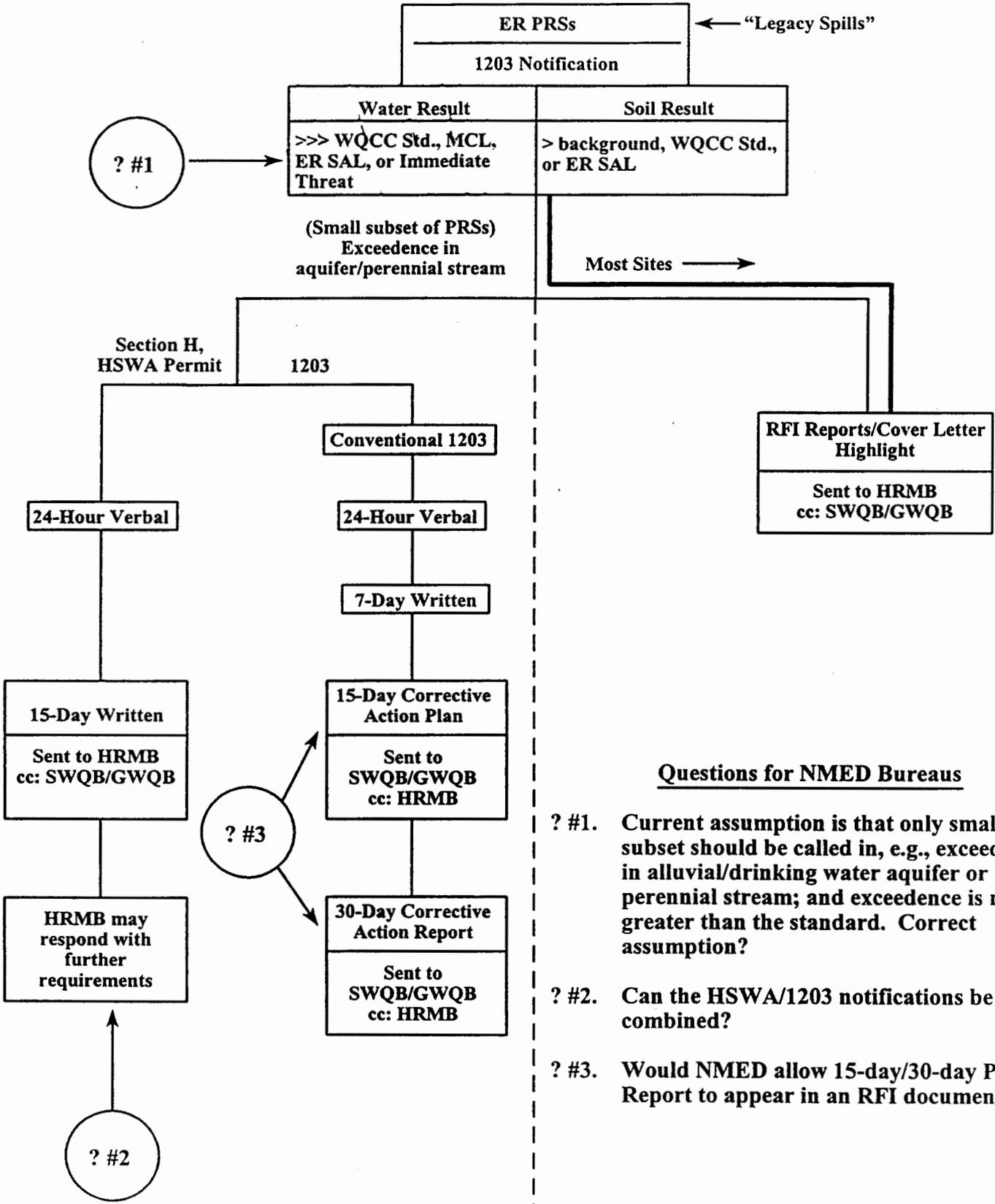
12/5/96

Waste Stream (WS) Characterization/Corrections Project Completion Rate



1203 Process for ER Sites (Associated, Relevant HSWA Notification)

Current/Proposed Process



12/5/96

NMED / DOE Meetings

Glenn Saums		827-2827
Bonnie Koch	DOE/LARO	665-7202
Barbara Hoditschek	SWQB/NMED	827-8596
KIM HILL	HRMB/NMED	827-1558
ALEX PUGLISI	LANL/EST19	667-4982
Steve Rze	LANL/EST18	665-1859
DAVE MCINROY	LANL/ER	667-0819
Harvey Decker	NMED	672 0459
John Rogers	NMED/GWQB	827-2754
Steve Veenis	EST18/ER	665-9735
Phyllis Bustamante	NMED/GWQB	827-0166
Tere Davis	NMED/HRMB	827-1558
Ralph Ford-Schmid	NMED/DOECB	827-1536