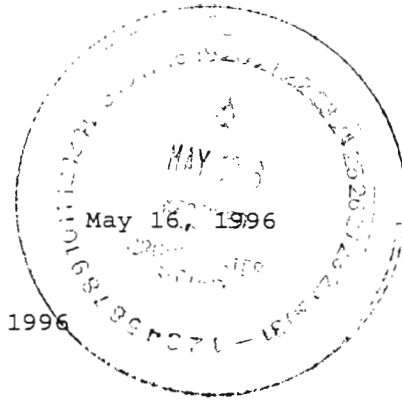


NATIONAL WORK GROUP  
for  
LEAK DETECTION EVALUATIONS



To: Members of the National Work Group

From: Tom Springer *ZAS*

Ref: Minutes of the Meeting Held in Anaheim, CA, on April 3, 1996

The meeting was called to order by Curt Johnson.  
David Wiley was unable to attend.

The List

Ellen gave a report on the status of the Questionnaire - 200 copies passed out at National UST meeting, 11 responses received so far, with 3 from the work group. Comments were:

- a. easy to use
- b. four wanted training on how to use list
- c. some requested equipment servicing data

Discussed how to get list to users. The Program Managers received the list; however, many field inspectors (users) did not. We discuss putting the list on disk however there are problems with programs and formats. Randy will discuss with David the possibility of OUST Headquarters writing letter to each Regional EPA State coordinator requesting they work with each state enforcement coordinator to get list into hands of users.

It was suggested we all promote the "List" by association meetings (NFPA, PEI, API, etc), National UST meeting, National Insurance Fund meeting in Charleston, State Association News Letters, EPA schools (Wisconsin, GA Tech, OK. State Univ), EPA Regional Offices, etc. Curt will write an article and work with EPA on creating a list of addresses to send the news release to.

Added to the appendix will be annual inspection checklists as they are available. Shahla will send CA checklist for Work Group review. Beth moved and Randy seconded that Shahla will provide draft checklists.

Lamar asked what protocols have been approved? Can we announce what has been accepted in EPA OUST Update news letter? Ellen asked about review of protocols.

The group decided to add a section showing protocols approved and under review. The index will show the title on the protocol. The approved protocols will have a summary, under review protocols will **NOT**. Mike stated the group should have a sunset time for protocols under review if vendors don't submit data. We will use Beth suggestion at the Portland meeting last September to purge the under-review protocols after sending a certified letter to the vendor giving them a deadline date.

Shahla suggested we reformat the Summary Section by adding the tank size. Randy moved and Mike seconded motion to add tank size in the Summary Section. Motion passed. It may require the Summary Section to be printed "Landscape" in lieu of "Portrait".

Ellen suggested there should be a time frame for reviews. Shahla agreed. Mike felt the vendor should be informed how long the review would take. Lamar stated we are paid by the state, not the National Work Group and suggested 6 month turn-around time.

Ellen moved and Curt seconded that

The work group members make an effort to review third-party evaluations

for leak detection certification based on protocols acceptable to work group within 3 months of receiving **COMPLETE** documentation from the vendor. By the end of this 3 months time, the vendors will be notified whether the third-party evaluation is acceptable or if there are any questions or concerns about the evaluation. While the systems are being reviewed by the work group, they will be listed in the "Under Review" category of the list."

Motion passed.

Next printing

- a. Randy will prepare a summary of Non-EPA protocols to group members by **July 1, 1996**.
- b. All additions and changes to the list are to be received by Curt by **Oct 1, 1996**. Changes are to be in **RED**.
- c. Camera ready copy to EPA OUST Headquarters by **Nov 1, 1996**.
- d. Wiley will check about printing the whole list in lieu of only additions and changes.

Procedures for approved certifications between list printing will be by letter to the vendor advising of approval.

Team Leader Reports

Beth;

- a. Heath - Quick Check 2000 - Vendor did not provide information requested.
- b. NDE Computerized VPLT Review indicated problem with very large tanks.
- c. Hasstech Leak Computer - trouble with data, 72 tests, used only 19 tests.
- d. APT (Bryan Guthrie) - possible approval.

Lamar;

SIR - Practical Tank Management - delete Tank Management System 10

Mike; Pipelines - No report

Shahla; Non Volumetric - New evaluation received for SDT's model 150 Ultrasonic Detector - response letter to vendor 1st week of May

Ellen; ATG

- a. Alert Tech - letter sent, no response
- b. ENRAF - under review
- c. INCON Environmental - letter sent, no response
- d. Tydell - under review

New Protocols.

Randy; Big Tanks - Temperature change is difficult to achieve. Universal Sensors have been working over 1 year. CA Water Control Board wants tanks tested at .1 GPH test rate, Vendor wants to set test rate at best they can achieve.

Randy; Big Pipes - EFA doing work. Stated that a leak rate of 3 GPH at 20 psi approximately equals a leak rate of 8 GPH at 100 psi. Pulse is created at leak, travels at speed of sound, and instruments can detect the pressure decay.

Mike; reported draft protocol for pipelines returned to Wilcox with comments about temperature change, and testing at 2 different pressures.

Lamar; Problem - manifolded tanks, not addressed in existing protocol, how many data sets should be used, how is difference in tank sizes handled. Mailed draft protocol 3-18-96. Group of 7 reviewing.

Shahla Continuous ATG's

- a. ADA evaluation was withdrawn for rewrite. Shahla will requested simulated data to be augmented with real data. Letter will be sent

April 7

b. Marley Continuous ATG - 2 addendum and revised protocol received. The new protocol will be sent to group members within 2 weeks.

c. INCON - reviewed by Shahla, not complete and will go on the review list.

d. MRI: Letter to MRI, copy to vendor - protocol will be accepted with changes.

Vacuum on Double Walled tanks - received evaluation from

Bell Avon using non-volumetric protocol. No backup data in report.

Vendors have complained about being excluded from our meetings. It was agreed to allow time for vendors to speak at the next meeting. Curt will write a memo to 3rd party evaluators.

On April 2, 1996, the group made a field trip to the Naval Reserve Tank Farm in Long Beach to witness Very Large Tank Testing. Jack Behne, Universal Sensors and Devices Inc, and Ken Wilcox, Wilcox Associates, Inc, were on location.

The next meeting will be in Michigan on a Thursday and Friday approximately Sept 26 and 27. Mike Kadri will set it up and Ellen will be note keeper.

E-Mail Addresses

Lamar Bradley LBRADLEY2@MAIL.STATE.TN.US

Shahla Farahnak SFARAHNA@IX.NETCOM.COM

Russ Brauksieck RUSS.BRAUKSIECK@DEC.MAILNET.STATE.NY.US