# TNI Chemistry FoPT Subcommittee
# Meeting Summary
# September 11, 2012

1. Roll call and Meeting Minutes:

   Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on September 11, 2012 at noon EST. Attendance is recorded in Attachment A.

2. Update on Voting – Motion 1 and Motion 2 from 8-14-12

   The votes and comments were included as an addition to the 8-14-12 minutes.

3. FoPT Limits

   1. Reconsider the Herbicides concentration ranges for the NPW ranges lower than the DW ranges. Most are 10 – 100 ug/L in the DW table. The NPW limits are lower – some as low as 2 ug/L.

      Carl suggested raising the upper end of the NPW Herbicides to 20 ug/L to overlap with the DW limits.

      Dan mentioned that some of the DW ranges go back to the EPA Criteria document. This would explain why there is a difference in the ranges. If we are not bound by the EPA Criteria document, we should be able to look at these again.

      Jeff asked if the laboratories on the committee can provide the group with their calibration range (ug/L), detection limit, method, LCS limits and their correlation coefficient for the calibration for both DW and NPW. The committee can then look at the results to see if the NPW needs to be raised or the DW lowered.

      Stacie responded a few weeks ago that a PTRL of 0.2 ug/L would work for the NPW Herbicides. Her calibration range is 1 – 10 ppb for both 8151 and 515.3.

      There could be some differences between the labs based on method used. Jeff has some information from the labs and it looked like 2 labs used 8151. One used 515.3. Method reporting limits were listed as 10 ug/L and 0.5 ug/L. Jeff will distribute this portion of the table where laboratories provided some information about their methods as this subcommittee got started.

      Action: Carl will contact the laboratory members of the committee and ask about the items noted above.

2. Question of Adding some Analytes to FOPT Table

   There were a couple of members that asked that the analytes Carl e-mailed out not be added to the FoPT table because of failures to the SOPs (see 8-14-12 minutes).

   Jeff felt strongly that 2-Butanone needs to be added to the table. It has been on the table previously as +/- 3 standard deviations. If it were added, it would not agree with much of the criteria of the SOP 4-101 – but the SOP does allow for this. Dan is concerned about adding it because you can't predict how it is going to respond in water. It is too unpredictable – not consistent.

   The other analytes will not be considered for addition to the table. Only 2-Butanone will be considered.

   Action: Jeff will send out a motion by e-mail regarding 2-Butanone.

3. Analyte Number: 5760 and 6385 and 5155.

   The PTRLs determined for these analytes run by 8270 are too low. Can the lower concentration limit be reconsidered (1,2,4-Trichlorobenzene, 4-Bromophenyl-phenylether and 2-Methylnaphthalene)? Carl noted that these are footnote fixes on the table.

   Bis-2-Chloroethoxy methane needs to be reconsidered too. Consider raising the lower concentration from 10 ug/L to 20 ug/L. This would make the range 20-200 ug/L.

   Jeff made a motion to increase the range on Bis-2-Chorethoxymethane to 20 – 200 ug/L. This raises the PTRL. The regression equations remain the same as previously agreed to. Dan Dickinson seconded the motion. The motion passed unanimously.

   Carl will provide additional information on 1,2,4-Thrichlorobenzene and 2-Methylnaphthalene for consideration of a range increase.

4. Action Items

   See action item table in attachments.

5. New Business

   None

6. Next Meeting

The next meeting of the Chemistry FoPT Subcommittee will be September 25, 2012, at 12:00 PM EST.

Action Items are included in Attachment B and Attachment C includes a listing of reminders.

Stephen motioned to adjourn the meeting and Joe seconded the motion. Unanimously approved. The meeting was adjourned at 1:08 pm EST.

**Attachment A**

**Participants**
**TNI**
**Chemistry FoPT Subcommittee**

| Members | Affiliation | Contact Information |
|---|---|---|
| Carl Kircher,<br>Chair<br>**Present** | Florida DOH | 904-791-1574<br>carl_kircher@doh.state.fl.us |
| Joe Marotti<br><br>**Present** | Sigma-Aldrich RTC | 307-721-5485<br>jmorotti@sial.com |
| Amy Doupe<br><br>**Absent** | Lancaster Laboratories, Inc. | 717-656-2300 x1812<br>aldoupe@lancasterlabs.com |
| Jeff Lowry<br><br>**Present** | Wibby Environmental | 720-560-2232<br>JeffL@phenova.com |
| Eric Smith<br><br>**Absent** | TestAmerica | 615-726-0177 x1238<br>eric.smith@testamericainc.com |
| Stephen Arpie<br><br>**Present** | Absolute Standards, Inc. | 203-281-2917<br>stephenarpie@mac.com |
| Dan Dickinson<br><br>**Present** | New York, DOH | 518-485-5570<br>dmd15@health.state.ny.us |
| Stacey Fry<br><br>**Present** | E.S. BABCOCK & Sons, Inc. | 951-653-3351 x238<br>sfry@babcocklabs.com |
| Ilona Taunton,<br>Program Administrator<br>**Present** | TNI | 828-712-9242<br>tauntoni@msn.com |

**Attachment B**

# Action Items – Chemistry FoPT Subcommittee

| | Action Item | Who | Expected Completion | Actual Completion |
|---|---|---|---|---|
| 13. | Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. *(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)* | TBD | Ongoing | |
| 87 | Discuss views on dropping problem analytes with the PTP EC. | Carl | Next PTP EC Meeting | |
| 90 | Confirm interest of subcommittee members that have not been on recent calls. | Carl | Next Meeting | |
| 92 | Follow-up on potential members. | Carl | 9/25/12 | |
| 93 | Contact the laboratory members of the committee and ask about the items requested by Jeff to determine what to lower NPW limits. | Carl | 9/25/12 | |
| 94 | Send out a motion by e-mail regarding 2-Butanone. | Jeff | 9/25/12 | |
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**Attachment C**

## Backburner / Reminders – Chemistry FoPT Subcommittee

| | Item | Meeting Reference | Comments |
|---|---|---|---|
| 4 | Consider nomenclature differences between the analyte codes and the FoPT tables. | 2-23-10 | |
| 7 | Review completed NPW table and look for grouped analytes that behave similarly and look for consistent criteria. Compare results to Drinking Water values too. | 11-30-10 | |
| 9 | | | |