

**TNI Chemistry FoPT Subcommittee  
Meeting Summary  
September 25, 2012**

1. Roll call and Meeting Minutes:

Chair Carl Kircher called the meeting of the Chemistry FoPT Subcommittee to order on September 25, 2012 at noon EST. Attendance is recorded in Attachment A. There were 5 members present.

2. Update

Amy has asked to step down from the subcommittee. Thank-you for all efforts. We have a new member, Melanie Ollila, from Pace Laboratories.

3. FoPT Limits

1. Last meeting, Jeff felt strongly that 2-Butanone needs to be added to the table. It has been on the table previously as +/- 3 Standard Deviations.

Carl reviewed the information from the last meeting and asked for discussion. Stacey looked at her lab's data and found her LCS limit is 50-150%. They average 70-80% recovery.

After further discussion, no one on the call decided that they would like to see this analyte (2-Butanone) added. Stephen commented that there are states that work with this analyte. Dan D. reminded everyone that there is a mechanism to add this analyte later if there is interest.

MEK will not be considered either.

2. Carl provided the following herbicide information (*italics*) by e-mail to help with the discussion on reconciling the DW and NPW Herbicide FoPTs today:

*EPA 515.1  
LCS recoveries range (36-68) to (135-230) % recoveries [NOTE: 70-130% recoveries required for IDOC]  
Reporting Limits 0.5 ug/L (0.2 ug/L for Pentachlorophenol)*

*EPA 615  
concentration range for ICAL 10-400 ug/L, r-squared > 0.990 or CF constant within 10% RSD  
LCS recoveries 40-140%*

EPA 8151  
concentration range for ICAL 5-400 ug/L, r-squared > 0.990 or CF constant within 10% RSD  
LCS recoveries 40-140%

EPA 8151  
r-squared > 0.990 or CF constant within 20% RSD  
Reporting Limit 2 ug/L  
LCS recoveries 10-178%

EPA 615  
LCS recoveries range (33-55) to (135-155)% recoveries  
Reporting Limits 0.5 ug/L (except 1.2 ug/L for Dicamba)

EPA 8151  
LCS recoveries range (50-60) to 130% recovery  
Reporting Limits 0.2 ug/L

EPA 8151  
LCS recoveries also range (50-60) to 130%  
Reporting Limits 0.5 ug/L

EPA 8151  
LCS recoveries range (12-37) to (144-190) % recoveries  
Reporting Limits 0.5 ug/L (except 1.2 ug/L for Dicamba)

EPA 8151  
Reporting Limits 1 ug/L for 245-T & Silvex, 2 ug/L for Dicamba, 4 ug/L for 24-D

EPA 8151  
Reporting Limits 0.25 ug/L (all)

EPA 615:  
RL 0.5 ug/L (24-D & Silvex), 0.2 ug/L (245-T), 0.27 ug/L (Dicamba)

EPA 8151:  
RL 0.5 ug/L all analytes

EPA 8151:  
RL 5 ug/L (24-D), 2 ug/L (245-T & Silvex)

EPA 8151:  
LCS (17-40) to (109-125) % recovery  
RL 10 ug/L (24-D), 3 ug/L (Dicamba), 2 ug/L (245-T & Silvex)

"NPW Herbicides":  
RL 1.0 ug/L (each analyte)

Dan D. commented that he would rather leave the NPW as is and consider lowering the DW when that table is reviewed in the future. Joe noted that the DW levels are high. Carl reviewed a few of the NPW PTRLs with the subcommittee.

Dan made a motion to accept the limits already determined for NPW Herbicides and make it a priority to start with Herbicides when the DW limits are reviewed. The motion was seconded by Stephen and unanimously approved.

This completes the review of NPW analytes. Carl will update the Excel spreadsheet and prepare the FoPT table for subcommittee review. It needs to be reviewed and approved by the subcommittee and then sent to the PT Program Executive Committee.

#### 4. Action Items

See action item table in attachments.

#### 5. New Business

- A News flash should be put on the TNI home page and an article should be written for the TNI newsletter when the new NPW FoPT table is approved.

#### 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.

Stacey motioned to adjourn the meeting. The meeting was adjourned at 1:08 pm EST.

## Attachment A

### Participants TNI Chemistry FoPT Subcommittee

| <b>Members</b>  | <b>Affiliation</b>           | <b>Contact Information</b>   |
|---|------------------------------|--|
| Carl Kircher,<br>Chair<br><b>Present</b>                  | Florida DOH                  | 904-791-1574<br><a href="mailto:carl_kircher@doh.state.fl.us">carl_kircher@doh.state.fl.us</a>         |
| Joe Marotti<br><b>Present</b>                             | Sigma-Aldrich RTC            | 307-721-5485<br><a href="mailto:jmorotti@sial.com">jmorotti@sial.com</a>                               |
| Melanie Ollila<br><b>Absent</b>                           | Pace Laboratories            | 612-607-6352<br><a href="mailto:MOllila@pacelabs.com">MOllila@pacelabs.com</a>                         |
| Jeff Lowry<br><b>Absent</b>                               | Wibby Environmental          | 720-560-2232<br><a href="mailto:JeffL@phenova.com">JeffL@phenova.com</a>                               |
| Eric Smith<br><b>Absent</b>                               | TestAmerica                  | 615-726-0177 x1238<br><a href="mailto:eric.smith@testamericainc.com">eric.smith@testamericainc.com</a> |
| Stephen Arpie<br><b>Present</b>                           | Absolute Standards, Inc.     | 203-281-2917<br><a href="mailto:stephenarpie@mac.com">stephenarpie@mac.com</a>                         |
| Dan Dickinson<br><b>Present</b>                           | New York, DOH                | 518-485-5570<br><a href="mailto:dmd15@health.state.ny.us">dmd15@health.state.ny.us</a>                 |
| Stacey Fry<br><b>Present</b>                              | E.S. BABCOCK & Sons,<br>Inc. | 951-653-3351 x238<br><a href="mailto:sfry@babcocklabs.com">sfry@babcocklabs.com</a>                    |
| Ilona Taunton,<br>Program Administrator<br><b>Present</b> | TNI                          | 828-712-9242<br><a href="mailto:tauntoni@msn.com">tauntoni@msn.com</a>                                 |

## Attachment B

### Action Items – Chemistry FoPT Subcommittee

|     | <b>Action Item</b>  | <b>Who</b> | <b>Expected Completion</b> | <b>Actual Completion</b>                      |
|-----|---|------------|----------------------------|---|
| 13. | Prepare letter to ABs to find out their needs on analytes that may be under consideration for deletion. <i>(3/24/09 – It was determined that these tables are used by more than just ABs. This needs to be reconsidered.)</i> | 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                    | Complete                                      |
| 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                    | Complete                                      |
| 94  | Send out a motion by e-mail regarding 2-Butanone.   | Jeff       | 9/25/12                    | No Longer Needed – See vote in minutes above. |
| 95  | Update Excel Table and NPW FoPT table for final review.   | Carl       | 10/9/12                    |   |
|     |   |            |                            |   |

## Attachment C

### Backburner / Reminders – Chemistry FoPT Subcommittee

|    | <b>Item</b>  | <b>Meeting Reference</b> | <b>Comments</b> |
|----|--|--------------------------|-----------------|
| 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  | Prepare a News flash and article when the new NPW FoPT table is approved.  | 9-25-12                  |                 |
| 10 |  |                          |                 |