

August 14, 2015

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Director, Monitoring Programs Division

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Date: 2015.08.14 08:03:44 -0400

SUBJECT: Program Plan (October through December 2015) – Pesticide Data Program, Version 1.0

This Program Plan serves as the current Statement of Work for the period October through December 2015 for each of the States participating in the Pesticide Data Program (PDP). The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA) and the U.S. Food and Drug Administration (FDA).

I. ADMINISTRATIVE UPDATES

A. Summary Status:

The 2014 PDP Annual Summary is in the process of being drafted and is anticipated to be released before the end of the calendar year.

B. Cooperative Agreements/Financial:

The fiscal year (FY) ends on September 30, 2015 for States with FY funding. Ensure all FY15 expenses have been obligated on or prior to this date. Final 270s are due no later than December 31, 2015.

C. Program Meetings:

PDP Federal/State Meeting: A PDP Federal/State Meeting was held April 21-23, 2015, in Albany, New York. The meeting focused on program planning, administrative, sampling, technical, and quality assurance issues. Attendees included PDP Administrative Managers, Sampling Managers, Technical Program Managers, and Quality Assurance Officers as well as representatives from the New York Department of Agriculture and Markets, USDA, and EPA.

A PDP Federal/State Meeting is being planned for Spring 2016 in Sacramento, California. Attendees are anticipated to include PDP Administrative Managers, Sampling Managers, Technical Program Managers, and Quality Assurance Officers as well as representatives from the California Department of Food and Agriculture, USDA, EPA, and FDA.

D. Advisory Committees:

Sampling Advisory Group: Members of the Sampling Advisory Group (SAG) are Brian Regan (Michigan), Ken McManus (Maryland), and Dan Milo (Ohio). Brian Regan serves as the Presiding Member of the SAG.

Technical Advisory Group: Members of the Technical Advisory Group (TAG) are Dannis Tamplin (Presiding Member, Texas), Sarva Gunjur (California), Karen Stephani (New York), and Lida Ogg (Ohio). Dannis Tamplin serves as the Presiding Member of the TAG.

E. PDP Fiscal Year 2015 Proficiency Testing Program: The PDP FY2016 Proficiency Testing (PT) program schedule (v 1.0) is posted on the PDP Extranet site. Refer to SOPs PDP-ADMIN and PDP-QC for PT program requirements, reporting procedures, acceptability criteria, and requirements for potential follow-up actions.

F. Standard Operating Procedures:

SOPs Released July 1, 2015

- PDP-LABOP: Sample Processing and Analysis

SOPs to be Released October 1, 2015

- PDP-QC: Chemical Compounds, PDP Commodity Grouping, Method Validation, and Quality Control

SOPs to be Released January 1, 2016

- PDP-DATA: Data and Instrumentation

G. Electronic Transfer of Data

RDE Version Upgrades:

The current version (Build 16) of the web-based RDE System was installed in April 2015. This version fixed the report/print problems that surfaced after the migration of AMS Web applications to a new server in February 2015. A new version (v4.1) of the electronic Sample Information Form (e-SIF) software, which works on Windows-based desktops, laptops, tablets, and netbooks, was developed and distributed in May 2015. This version eliminated the requirement for entering “N/A” values in several fields for not-collected samples.

The Monitoring Programs Division (MPD) staff has started development of a new, distributed RDE application that will be built in MS-Access and installed at each participating laboratory. This system will replace the Web-based RDE system used by

participating laboratories. The Web-RDE system uses outdated software components that are no longer supported and does not allow easy fixes or modifications.

The new RDE system will allow easy implementation of changes to table structures to expand field sizes, add new fields, or even add new data tables, which the existing Web-RDE restricts because of registration problems with the separate .DLL components that handle the data import process. Compatibility and security issues with the web browser environment will also be eliminated, such as problems with generating/displaying reports in Web-RDE and importing files using the Java runtime applet. The local database would give labs access to data entered so that ad-hoc queries or customized reports could be run for State-required production reports. Transfer of completed datasets will be handled by e-mail or posting to the PDP Extranet site. A distributed RDE system will allow laboratories to continue PDP data entry, review, and reporting activities when USDA Web resources are shut down. MPD expects the new, distributed RDE system to be ready for deployment during 2016. A pilot project will be conducted with 2 or 3 labs using the new RDE system by the end of 2015. An upgrade to the RDE e-SIF system (V5.0), to capture new and larger field entries is expected to be ready ahead of the lab RDE system.

RDE Supporting Applications:

An updated version (v2) of the of the stand-alone LIMS-to-RDE Import Checker app was developed and made available for download from the PDP Extranet site in July 2015. This version includes some new data checks that have always been done during end-of-year PDP Database reconciliation, such as a check for entered results when the sample was reported as not collected or not analyzed and a check for entered concentration levels that are less than the reported LODs.

MPD is currently developing a stand-alone app that can be used by State Sampling Managers to import all the e-SIF text files received from samplers into an MS-Access database so that the managers can easily browse, sort, query, and generate summary reports for the e-SIF records. The new app is expected to be ready for release by the end of August 2015.

H. Presumptive Tolerance Violation Reporting

Data for Presumptive Tolerance Violations (PTVs) are communicated to FDA and EPA on a monthly basis. FDA utilizes the PTV reports in choosing commodities that require extra sampling. EPA uses the data for dietary risk assessments and pesticide reregistration decisions. MPD is also providing the data to USDA's Office of Pest Management Policy (OPMP) for communication to grower groups, the Foreign Agricultural Service (FAS) to assist in facilitating the export of domestic commodities, and the National Organic Program (NOP) to inform them of any potential PTVs detected on claimed organic samples. PDP States may request a copy of the monthly PTV report by contacting MPD.

An expanded tolerance table was issued on July 9, 2015 containing tolerances for all commodities in the program at that time. The next tolerance table is expected to be issued in January 2016 and will include the commodities that entered the program in October 2015 and January 2016. Additionally, tolerances for the April 2016 replacement commodity will be included if the commodity is known at that time.

II. PROGRAM SAMPLING AND TESTING UPDATES

A. Sampling Changes and Rotations: Shipping charts are distributed quarterly to Sampling Managers by MPD. A draft Shipping Chart for the 4th quarter of calendar year 2015 is attached to this document. Actual shipping dates and fact sheets will be sent under separate cover with the final version of the Shipping Chart.

Sampling Deletions

Peanut butter collection ends *August 31, 2015*.

Sweet corn collection ends *September 30, 2015*.

Sampling Additions

Grapefruit will be added *October 1, 2015*. Grapefruit will remain in the program for two years. Samples will be shipped to the California (CA1) and Texas (TX1) laboratories. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Sampling Changes

Cherries will continue to be sampled through *March 31, 2016*.

Green beans will continue to be sampled through *September 30, 2016*.

Nectarines continue to be sampled, with all samples being sent to the California (CA1) laboratory.

Sampling Continuations

Apples, cherries, cucumbers, grapes, green beans, lettuce, oranges, pears, potatoes, spinach, strawberries, and tomatoes continue to be sampled. Sampling of nectarines ends *December 31, 2015*.

PDP Sampling Commodity Counts

July 1, 2015 through August 31, 2015 = 15 commodities

- Remove peaches and watermelon

- Add cucumbers and lettuce

September 1, 2015 through September 30, 2015 = 14 commodities

- Remove peanut butter

October 1, 2015 through December 31, 2015 = 14 commodities

- Remove sweet corn
- Add grapefruit

B. Testing Deletions and Changes:

Testing Deletions

Peanut butter collection ends *August 31, 2015*. This ends multi-residue testing of peanut butter by the AMS National Science Laboratory (US2).

Sweet corn collection ends *September 30, 2015*. This ends multi-residue testing of sweet corn by the California (CA1) and Texas (TX1) laboratories.

Testing Additions

Grapefruit will be added *October 1, 2015*. Grapefruit will remain in the program for two years. Multi-residue testing will be performed by the California (CA1) and Texas (TX1) laboratories. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Testing Changes

Cherries will continue to be sampled through *March 31, 2016*.

Green beans will continue to be sampled through *September 30, 2016*.

Nectarines continue to be sampled, with all samples being sent to the California (CA1) laboratory.

Testing Continuations

Apples, cherries, cucumbers, grapes, green beans, lettuce, oranges, pears, potatoes, spinach, strawberries, and tomatoes continue to be tested. Sampling and testing of nectarines ends *December 31, 2015*.

C. Web Site for PDP Information:

For Pesticide Data Program information check out our Internet Web Site:

<http://www.ams.usda.gov/pdp>

Attachment