

September 30, 2010

TO: See Distribution List

FROM: Martha Lamont
Director

SUBJECT: Semi-Annual Program Plan (July through December 2010) – Pesticide Data Program, Version 1.2

This Program Plan serves as the current Statement of Work for the period July through December 2010 for each of the States participating in the Pesticide Data Program (PDP). This document also stipulates work assignments for the Federal facilities participating in PDP. The contents of the Plan have been discussed with the U.S. Environmental Protection Agency (EPA).

This revised Semi-Annual Program Plan, version 1.2, reflects the following changes:

- *Addition of North Carolina as Sampling State.*
- *Update of Standard Operating Procedure (SOP) section.*
- *Addition of green bean baby food to sampling and testing sections.*
- *Modified groundwater sampling description in sampling section to update to current sampling status.*
- *Modification of number of soybean samples – total will be 400 samples.*

I. ADMINISTRATIVE UPDATES

A. Summary Status: The 2008 PDP Annual Summary is expected to be posted to the PDP website by the first week of December 2010. Printed copies will be available February/March 2011.

B. Cooperative Agreements/Financial: Prepare and submit an SF-270, Request for Advance or Reimbursement, for each month of the fiscal year. The SF-270 must be received no later than 30 days after the period covered. The Catfish survey came to an end on June 30, 2010. Charges for the Catfish Survey must be kept separate and identifiable from those of the PDP program.

A physical inventory of property must be taken and the results reconciled with the property records at least once per year. Property records must be maintained that include a description of the property, serial number or other identification number, source of the property, title holder, acquisition date and cost, percentage of Federal participation in the purchase of the property, location, use, and condition of the property. The inventory database is maintained on the MPO Extranet.

C. Addition of North Carolina to Program: Beginning *September 2010*, North Carolina joins PDP as a Sampling State. Due to California State budget issues, North Carolina will collect processed commodities originally assigned to California and ship those commodities to the previously designated laboratories.

D. Program Meetings:

PDP Quality Assurance/Technical Meeting: A PDP Quality Assurance (QA)/Technical Meeting was held March 23-25, 2010 in Crystal City, Virginia. Attendees included PDP Technical Program Managers (TPMs) and Quality Assurance Officers (QAOs). Agenda topics included administrative matters, program planning, analytical standards, methodologies, quantitation and data reporting, proficiency testing, and other technical and QA issues. Representatives from the USDA Food Safety and Inspection Service (FSIS), the Environmental Protection Agency's (EPA's) Health Effects Division (HED), the U.S. Food and Drug Administration (FDA), the American Association for Laboratory Accreditation (A2LA), and industry were also in attendance and presented a number of topics and updates.

PDP Administrative Meeting: A joint PDP and Microbiological Data Program (MDP) administrative meeting was held June 15, 2010, in Gainesville, Virginia to discuss program administrative and planning issues. An MDP Technical Meeting followed on June 16-17, 2010, and attendees included MDP TPMs and QAOs.

E. Advisory Committees:

Sampling Advisory Group: Members of the Sampling Advisory Group (SAG) are: Brian Regan (Michigan), Tim Parker (New York), and Nathan Lubliner (Washington). Tim Parker serves as the Presiding Member of the SAG. A replacement member for Danny Schulz (Florida) will be determined at the next PDP Federal/State Meeting.

Technical Advisory Group: Members of the Technical Advisory Group (TAG) are Theresa Struble (Michigan), Gail Parker (Florida), and Eric Petty (Colorado). Theresa Struble serves as the Presiding Member for 2010-2011.

F. PDP Fiscal Year 2010 and 2011 Proficiency Testing Programs: The PDP Fiscal Year (FY) 2010 and 2011 Proficiency Testing (PT) program schedules are 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.

G. Standard Operating Procedures:

Laboratory SOP Released April 15, 2010 and Effective May 15, 2010

- PDP-DATA: Data and Instrumentation

Laboratory SOPs Archived May 15, 2010

- PDP-DATA-03: Quantitation of Pesticide Residues
- PDP-DATA-07: Data Reduction and Reporting
- PDP-DATA-09: Qualitative Analysis

Laboratory SOPs Released July 1, 2010 and Effective August 1, 2010

- PDP-QC: Chemical Compounds, PDP Commodity Groupings, Method Validation and Quality Control
- **PDP GLOSSARY:** Glossary

Laboratory SOPs Archived July 1, 2010

- PDP-QC-13 Potatoes, Commodity Specific Requirements for Potatoes
- PDP-QC-13 Spinach, Commodity Specific Requirements for Spinach
- PDP-QC-13 Strawberries, Commodity Specific Requirements for Strawberries
- PDP-QC-13 Tomatoes, Commodity Specific Requirements for Tomatoes

Laboratory SOP to be Released September 15, 2010 and Effective October 1, 2010

- PDP-LABOP: Sample Processing and Analysis

Laboratory SOPs to be Released October 1, 2010 and Effective November 1, 2010

- PDP/MDP ADMIN: Administrative Procedures for the Microbiological Data Program and Pesticide Data Program

Laboratory SOPs to be Released December 15, 2010 and Effective January 1, 2011

- PDP-LABOP: Sample Processing and Analysis

H. Electronic Transfer of Data

RDE Version Upgrades: The current version (Build 13) of the web-based Remote Data Entry (RDE) system was activated on June 9, 2009. A re-start of development for a major Build 14 version upgrade and RDE eSIF v4.0 upgrade is planned for May-June 2010. Some planned enhancements include increasing the size of some text fields, adding new data fields for sample identity, increasing the size of the RDE eSIF data entry screens, adding a flag field to indicate if the eSIF has already been exported for transmittal to MPO, fixing the sample receipt location in the LIMS-to-RDE Import database and other modifications based on State and laboratory suggestions, where feasible. MPO maintains a Change Request Database to capture all problems identified and suggestions made regarding the RDE system.

II. PROGRAM SAMPLING AND TESTING UPDATES

A. Sampling Changes and Rotations: Shipping charts are distributed quarterly to Sampling Managers by MPO. Draft Shipping Chart for the 3rd and 4th quarters of calendar year 2010 are attached to this document. Actual shipping dates and fact sheets will be sent under separate cover with the final versions of the Shipping Charts.

Sampling Deletions

Asparagus collection ended *June 30, 2010*.

Catfish collection ended *June 30, 2010*.

Oat collection ended *June 30, 2010*.

Canned bean collection ends *September 30, 2010*.

Sweet corn-on-the-cob collection ends *September 30, 2010*.

Sweet potato collection ends *September 30, 2010*.

Cilantro collection ends *September 30, 2010*.

Mango collection ends *September 30, 2010*.

Watermelon collection ends *September 30, 2010*.

Sampling Additions

Canned/frozen spinach was added *July 1, 2010*. Canned and frozen spinach will remain in the program one year. All samples will be shipped to the Texas (TX1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Eggs were added *July 1, 2010*. Eggs will remain in the program one year. All samples will be shipped to the AMS National Science Laboratory (NSL/US2) in Gastonia, North Carolina. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Cantaloupe is being reintroduced *October 1, 2010*. Cantaloupe will be sampled through *June 30, 2012*. All samples will be shipped to the Florida (FL1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Green bean baby food is being added *October 1, 2010* and will remain in the program one year. All samples will be shipped to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Hot peppers are being added *October 1, 2010* and will remain in the program two years. Samples will be shipped to the California (CA1) laboratory and Texas (TX1) laboratory, according to the applicable shipping chart. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Orange juice is being added *October 1, 2010* and will remain in the program one year. All samples will be shipped to the Washington (WA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Pear baby food is being added *October 1, 2010* and will remain in the program one year. All samples will be shipped to the New York (NY1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Sweet potato baby food is being added *October 1, 2010* and will remain in the program one year. All samples will be shipped to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Soybeans will be added beginning *Fall 2010*. Samples will be collected by USDA's Grain Inspection, Packers and Stockyards Administration (GIPSA) and shipped to the GIPSA (US3) laboratory in Kansas City, Missouri for analysis.

Sampling Continuations

Apples, bell peppers, cabbage, cucumbers, grapes, lettuce, oranges, and pears will continue to be sampled, with apples, cucumbers, grapes, oranges, and pears ending *December 31, 2010*.

PDP Sampling Commodity Counts

Sampling counts exclude sampling functions external to PDP – e.g., those performed by USDA's Food Safety and Inspection Service (FSIS) or GIPSA, or water sampling:

April 1, 2010 through June 30, 2010 = 17 commodities including catfish, which in California is collected by the California Department of Food and Agriculture (CDFA) rather than the California Department of Pesticide Regulation (CDPR)

July 1, 2010 through September 30, 2010 = 16 commodities

- Remove asparagus, catfish, and oats and add canned/frozen spinach and eggs

October 1, 2010 through December 31, 2010 = 16 commodities

- Remove canned beans, cilantro, sweet corn, mangoes, sweet potatoes, and watermelon
- Add cantaloupe, green bean baby food, hot peppers, orange juice, pear baby food, and sweet potato baby food
- Add soybeans (collection by GIPSA)

Raw and treated drinking water and groundwater sampling will continue. Raw and treated drinking water samples will continue to be collected by participating water facility personnel, with a USDA contractor, GLEC, providing sampling support service. Groundwater samples will continue to be collected at selected schools and daycares, some of which are National Children's Study sites.

B. Testing Deletions and Changes:

Testing Deletions

Asparagus collection ended *June 30, 2010*. This ends multi-residue testing of asparagus by the Texas (TX1) laboratory.

Catfish collection ended *June 30, 2010*. This ends multi-residue testing of catfish by the AMS NSL (US2) and the USDA FSIS (US6) laboratories.

Oat collection ended *June 30, 2010*. This ends multi-residue testing of oats by the USDA GIPSA (US3) laboratory.

Canned bean collection ends *September 30, 2010*. This ends multi-residue testing of canned beans by the Washington (WA1) laboratory.

Sweet corn-on-the-cob collection ends *September 30, 2010*. This ends multi-residue testing of sweet corn by the California (CA1) and Texas (TX1) laboratories.

Sweet potato collection ends *September 30, 2010*. This ends multi-residue testing of sweet potatoes by the California (CA1) laboratory.

Cilantro collection ends *September 30, 2010*. This ends multi-residue testing of cilantro by the New York (NY1) laboratory.

Mango collection ends *September 30, 2010*. This ends multi-residue testing of mangoes by the Florida (FL1) laboratory.

Watermelon collection ends *September 30, 2010*. This ends multi-residue testing of watermelon by the California (CA1) laboratory.

Testing Additions

Canned/frozen spinach was added *July 1, 2010*. Canned and frozen spinach will remain in the program one year. Multi-residue testing for all samples will be performed by the Texas (TX1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Eggs were added *July 1, 2010*. Eggs will remain in the program one year. Multi-residue testing for all samples will be performed by the AMS NSL (US2) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Cantaloupe is being reintroduced *October 1, 2010*. Cantaloupe will remain in the program through June 30, 2012. Multi-residue testing for all samples will be performed

by the Florida (FL1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Green bean baby food is being added *October 1, 2010* and will remain in the program one year. Multi-residue testing for all samples will be performed by the California (CA1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Hot peppers are being added *October 1, 2010* and will remain in the program 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.

Orange juice is being added *October 1, 2010* and will remain in the program one year. Multi-residue testing for all samples will be performed by the Washington (WA1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Pear baby food is being added *October 1, 2010* and will remain in the program one year. Multi-residue testing for all samples will be performed by the New York (NY1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Sweet potato baby food is being added *October 1, 2010* and will remain in the program one year. Multi-residue testing for all samples will be performed by the California (CA1) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site.

Soybeans are being added *Fall 2010*. The soybean survey will be a limited survey of 400 samples collected by GIPSA to cover the crop year on a national basis. Multi-residue testing for all samples will be performed by the USDA GIPSA (US3) laboratory. Commodity specific requirements regarding analytes of interest are listed in the memorandum posted to the PDP Extranet site. A portion of each ground soybean sample will be shipped to the Colorado (CO1) laboratory for glyphosate analysis.

Testing Continuations

Multi-residue testing for **apples, bell peppers, cabbage, cucumbers, grapes, lettuce, oranges, and pears** continue, with apples, cucumbers, grapes, oranges, and pears ending *December 31, 2010*.

The Colorado (CO1) laboratory will continue analyzing lettuce homogenates for macrocyclic lactones through *December 31, 2010*. The Washington (WA1) laboratory ships homogenates of all lettuce samples received to the Colorado laboratory for analysis.

Apple, orange, and pear homogenates continue to be tested by the EPA Analytical Chemistry Laboratory [(ACL), US5] for formetanate hydrochloride through *December 31, 2010*. The Florida, New York, and Ohio laboratories will continue to send homogenates of all samples received to the EPA laboratory for testing.

Raw and treated drinking water and groundwater testing will continue. Analysis of raw and treated drinking water will continue to be performed by the Montana (MT1) and New York (NY1) laboratories. Groundwater samples will continue to be analyzed by the Minnesota (MN1) laboratory.

C. Web Site for PDP Information:

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

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

Attachments