



May 15, 2008

TO: See Distribution List

FROM: Martha Lamont
Director

SUBJECT: Semi-Annual Program Plan (July through December 2008) – Pesticide Data Program

This Program Plan serves as the current Statement of Work for the period July through December 2008 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).

I. ADMINISTRATIVE UPDATES

A. Summary Status: The 2006 PDP Annual Summary was posted to the PDP website on December 13, 2007. Printed copies were distributed in March 2008. Reconciliation of the 2008 data began in early May 2008 to ensure the timely release of the 2007 PDP Annual Summary.

B. Personnel: The Monitoring Programs Office (MPO) has issued two vacancy announcements for a Chemist and a Management Analyst. Responsibilities for the vacant chemist position are being handled by Terry Councill, Janet Doyle, Chris Pappas, and John Punzi. The Management Analyst position is vacant due to Sharon Hane's departure to take another job in North Carolina. Dawn Fay has assumed Sharon's responsibilities temporarily until the vacancy is filled. State and Federal program participants are reminded to keep MPO informed of any critical personnel vacancies, staffing issues, or expected increases in rent (due to laboratory or office renovation/relocation, etc.). Sampling Managers should notify the MPO Sampling Manager of any changes with copies to the MPO Director and Deputy Director; Technical Program Managers should notify their assigned MPO liaison chemist with copies to the MPO Director and Deputy Director, and; Administrative Managers should notify the MPO Director with a copy to the MPO Deputy Director. This information is required for financial management, workload assignments, and to monitor potential backlogs.

C. Program Meetings:

PDP Quality Assurance/Technical Meeting: A PDP Quality Assurance (QA)/Technical Meeting was held February 26-28, 2008 in Crystal City, Virginia. Attendees included Technical Program Managers (TPMs) and Quality Assurance Officers (QAOs). Agenda topics included administrative matters, program planning, commodity grouping and method validation, analytical standards, quantitation and mass spectrometry, data reporting, proficiency testing, and other technical and QA

issues. Representatives from the EPA Analytical Chemistry Laboratory (ACL) and Health Effects Division (HED) were also in attendance and presented a number of topics including new methodologies and PDP data usage by the Agency.

- D. Sampling Advisory Committee:** Members of the Sampling Advisory Committee (SAC) are: Danny Schulz (Florida), Brian Regan (Michigan), and Tim Parker (New York).
- E. Technical Advisory Group (TAG):** Gail Parker, Florida, is the new PDP Technical Advisory Group (TAG) Presiding Member for 2008-2009. Michelle Bogner, Michigan, and Joseph Barney, USDA Grain Inspection, Packers and Stockyards Administration (GIPSA) join Ms. Parker on the TAG.
- F. PDP Fiscal Year 2008 Proficiency Testing Program:** The PDP Fiscal Year (FY) 2008 Proficiency Testing (PT) program schedule is posted on the PDP Extranet site. Refer to Standard Operating Procedures (SOPs) PDP-ADMIN-06B and PDP-QC-04 for PT report review, acceptability criteria, and procedures and requirements for any necessary follow-up.

G. Standard Operating Procedures:

New and Revised SOPs Released April 1, 2008

- PDP-ADMIN-06B: Laboratory Quality Assurance Units (QAUs)
- PDP-ADMIN-07: Standard Operating Procedures
- PDP-DATA-08: Data Storage, Retrieval, and Archival
- PDP-LABOP-01: Sample Receipt, Storage, Archiving, and Disposal
- PDP-LABOP-03: Sample Preparation for Fresh Fruit and Vegetable, Grain, Fish, and Processed Commodities
- PDP-QC-04: Quality Control Criteria
- PDP-Glossary

SOPs Archived April 1, 2008

- PDP-ADMIN-08: Historical SOP Files
- PDP-LABOP-05: Reagents Preparation, Labeling, and Storage
- PDP-QC-08: Control Charting of Data

SOPs to be Released July 1, 2008

- PDP-ADMIN-02: Personnel and Organization
- PDP-ADMIN-03: Training/Personnel Records and Performance Evaluation of Technical Personnel
- PDP-ADMIN-05: Safety
- PDP-ADMIN-06A: USDA/AMS Quality Assurance Program
- PDP-LABOP-01: Sample Receipt, Storage, Archiving, and Disposal
- PDP-LABOP-03: Sample Preparation for Fresh Fruit and Vegetable, Grain, Fish, and Processed Commodities
- PDP-LABOP-13: Receipt, Custody, Preparation, Packaging, and Shipment of PDP Homogenates
- PDP-STD-04: Analytical Reference Standards
- PDP-INST-04: Injection Sequence

- PDP-DATA-08: Data Storage, Retrieval, and Archival
- PDP-QC-01: Blanks and Spikes Required per Set
- PDP-QC-05: Approval Process for Method Modification
- PDP-QC-13: Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings

SOPs to be Released October 1, 2008

- PDP-LABOP-03: Sample Preparation for Fresh Fruit and Vegetable, Grain, Fish, and Processed Commodities
- PDP-DATA-03: Quantitation and Confirmation of Pesticide Residues
- PDP-DATA-07: Data Reduction and Reporting
- PDP-DATA-09: Qualitative Analysis
- PDP-QC-04: Quality Control Criteria
- PDP-QC-07: Demonstration of Method Performance

SOPs to be Archived October 1, 2008

- PDP-QC-10: LOD and LOQ for Chromatographic Methods
- PDP-QC-15: Mass Spectrometry Criteria
- All PDP-QC-13 addenda, except those for current commodities, including grapes and tomatoes

H. Electronic Transfer of Data

RDE Version Upgrades: With the next version upgrade of the Web-based RDE system, tentatively scheduled for June 2008, MPO plans to make password management more secure, increase the size of some text fields, and fix problems reported by laboratory users. With the next version upgrade to the RDE e-SIF system for laptops/palmtops, tentatively scheduled for September 2008, MPO plans to increase the size of the data entry screens, add a flag field to indicate if the SIF has already been exported for transmittal to MPO, and make the size of the text fields match the updated Web-RDE system. MPO maintains a Change Request Database to capture all problems identified and suggestions made regarding the RDE system.

- I. Cooperative Agreements:** The fiscal year 2008 Cooperative Agreements have been issued to each State. As a reminder, billing must be monthly and contain a breakdown of sampling vs. testing costs according to the categories listed on the budget tracking template provided by MPO. Please email an advance copy of the reimbursement request SF-270 and forward the original hardcopies to MPO.

II. PROGRAM SAMPLING AND TESTING UPDATES

- A. Sampling Changes and Rotations:** Draft 3rd and 4th Quarter 2008 Shipping Charts are attached to this document. Actual shipping dates and fact sheets will be sent under separate cover with final versions of the Shipping Charts.

Sampling Deletions

Apple juice collection ends *June 30, 2008*.

Broccoli collection ends *September 30, 2008*.

Greens (kale/collard greens) collection ends *September 30, 2008*.

Peach collection ends *September 30, 2008*.

Summer squash collection ends *September 30, 2008*.

Corn grain collection ends *September 30, 2008*.

Honey collection ends *September 30, 2008*.

Sampling Additions

Asparagus is being added *July 1, 2008*. Asparagus will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the Texas (TX1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Green onions are being added *October 1, 2008*. Green onions will remain in the program for two years. All samples will be sent to the New York (NY1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Sweet potatoes are being added *October 1, 2008*. Sweet potatoes will remain in the program for two years. With the exception of samples from California and Maryland, samples will be sent to the Florida (FL1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Canned beans (kidney/pinto/garbanzo/black) are being added *October 1, 2008*, with each variety to be sampled for a six-month period. Canned beans will remain in the program for two years. The rotation will begin with kidney beans collected October 2008 through March 2009 followed by canned pinto beans. With the exception of samples from California and Maryland, samples will be sent to the Washington (WA1) laboratory. Samples collected in California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Sweet corn (frozen/canned/fresh on-the-cob) is being added *October 1, 2008*. Sweet corn will remain in the program for two years. Frozen sweet corn will be sampled October through December 2008. Types of sweet corn will be rotated as follows: frozen – October through January; canned – February through May and; fresh – June through September. With the exception of samples from California and Maryland, samples will be sent to the Texas (TX1) laboratory. Samples collected in

California and Maryland will be sent to the California (CA1) laboratory. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Rice is being added *October 1, 2008*. Rice will remain in the program for one year. All samples will be sent to the USDA GIPSA laboratory (US3), Kansas City, Missouri, for analysis. Refer to the current commodity fact sheet for sample selection, packaging, and shipping guidelines.

Beef is being added *October 1, 2008*. Beef will remain in the program for two years. USDA Food Safety and Inspection Service (FSIS) inspectors will collect and ship beef samples to the AMS National Science Laboratory (NSL, US2), Gastonia, North Carolina, for multiresidue testing.

Sampling Continuations

Blueberries, catfish, celery, grape juice, green beans, nectarines, potatoes, spinach, strawberries, and tomatoes will continue to be sampled.

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 by private well owners.

B. Testing Deletions and Changes:

Testing Deletions

Apple juice collection ends *June 30, 2008*. This ends multi-residue testing of bananas under SOP PDP-QC-13 Apples by the California (CA1) and Texas (TX1) laboratories.

Broccoli collection ends *September 30, 2008*. This ends multi-residue testing of broccoli under SOP PDP-QC-13 Broccoli by the New York (NY1) laboratory.

Greens (kale/collard greens) collection ends *September 30, 2008*. This ends multi-residue testing of greens under SOP PDP-QC-13 Greens by the California (CA1) and Florida (FL1) laboratories.

Peach collection ends *September 30, 2008*. This ends multi-residue testing of peaches under SOP PDP-QC-13 Peaches by the California (CA1) and Washington (WA1) laboratories.

Summer squash collection ends *September 30, 2008*. This ends multi-residue testing of summer squash under SOP PDP-QC-13 Summer Squash by the California (CA1) and Texas (TX1) laboratories.

Corn grain collection ends *September 30, 2008*. This ends multi-residue testing of corn grain under SOP PDP-QC-13 Corn Grain by the USDA GIPSA (US3) laboratory, Kansas City, Missouri.

Peach analysis for formetanate hydrochloride performed by the EPA Analytical Chemistry Laboratory (ACL, US5), Fort Meade, Maryland ends September 30, 2008. The California and Washington laboratories will no longer ship homogenized subsamples to ACL for formetanate analysis.

Testing Additions

Asparagus is being added *July 1, 2008*. Asparagus will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Texas (TX1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of asparagus.

Green onions are being added *October 1, 2008*. Green onions will remain in the program for two years. Multi-residue testing for all samples will be performed by the New York (NY1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of green onions.

Sweet potatoes are being added *October 1, 2008*. Sweet potatoes will remain in the program for two years. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Florida (FL1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of sweet potatoes.

Canned beans (pinto/kidney/navy/black) are being added *October 1, 2008*, with each variety to be sampled for a six-month period. Canned beans will remain in the program for two years. The rotation will begin with kidney beans collected October 2008 through March 2009 followed by canned pinto beans. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Washington (WA1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of canned beans.

Sweet corn (canned/frozen/fresh on-the-cob) is being added *October 1, 2008*. Sweet corn will remain in the program for two years. Frozen sweet corn will be sampled October through December 2008. Types of sweet corn will be rotated as follows: frozen – October through January; canned – February through May and; fresh – June through September. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Texas (TX1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of sweet corn.

Rice is being added *October 1, 2008*. Rice will remain in the program for one year. Multi-residue testing for all samples will be performed by the USDA GIPSA (US3) laboratory, Kansas City, Missouri. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of rice.

Beef is being added *October 1, 2008*. Beef will remain in the program for one year. USDA FSIS inspectors will collect and ship beef samples to the AMS NSL (US2), Gastonia, North Carolina, for multiresidue testing. Commodity specific requirements are listed in the memorandum posted on the PDP Extranet site that specifies the list of potential compounds for multi-residue analysis of rice.

Testing Continuations

Multi-residue testing for **blueberries, catfish, celery, grape juice, green beans, nectarines, potatoes, spinach, strawberries, and tomatoes** continues.

Potatoes and spinach continue to be tested for phenoxy acid herbicides by the Colorado (CO1) laboratory through December 2008. Homogenized subsamples are shipped to CO1 by the California, Florida, and Washington laboratories.

Nectarines continue to be tested for formetanate hydrochloride by ACL through December 2008. Homogenized subsamples are shipped to ACL by the Ohio laboratory.

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