



November 16, 2007

TO: See Distribution List

FROM: Martha Lamont  
Director

SUBJECT: Revised Semi-Annual Program Plan (January through June 2008) – Pesticide Data Program

This Program Plan serves as the current Statement of Work for the period January through June 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).

*This revised Program Plan contains the following change from the original version dated November 15, 2007:*

- *Page 7, Testing Additions – strawberries will be analyzed by the California (CA1) and Michigan (MI1) laboratories.*

## **I. ADMINISTRATIVE UPDATES**

- A. Summary Status:** The 2006 PDP Annual Summary is expected to be posted to the PDP website by the first week of December 2007. Printed copies will be available in February 2008.
- B. Personnel:** State and Federal program participants are reminded to keep the Monitoring Programs Office (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 financial management, workload assignments, and to monitor potential backlogs.
- C. Data Reporting:** State and Federal program participants are reminded that sample results must be reported within 90 days of receipt of the last sample of each batch. This requirement is reflected in Standard Operating Procedure (SOP) PDP-DATA-07, subsection 5.12.c. In response to requirements of the Office of Management and Budget (OMB) Program Assessment Rating Tool (PART), MPO will issue letters of

warning to laboratories with any backlog exceeding 90 days, unless the laboratory has provided the required notification to MPO.

**D. Program Meetings:**

**PDP Federal/State Meeting:** A PDP Federal/State Meeting was held September 18-20, 2007 in Dallas, Texas. Attendees included Administrative Managers, Sampling Managers, and Technical Program Managers. Agenda topics included administrative and financial matters, sampling issues, and program planning. Representatives from the USDA National Agricultural Statistics Service (NASS), the EPA Health Effects Division (HED), the U.S. Food and Drug Administration (FDA), and the Dietary Assessment Work Group (DAWG)/Pyrethroid Working Group (PWG) were also in attendance.

**D. Technical Advisory Group (TAG):** Heidi Phillips, Colorado, is the PDP Technical Advisory Group (TAG) Presiding Member for 2007-2008. Gail Parker, Florida, and Michelle Bogner, Michigan, join Ms. Phillips on the TAG.

**E. Sampling Advisory Committee (SAC):** The SAC has been reinstated, effective October 2007. The new committee members are: Sampling Managers Don Lewis (Maryland), Danny Schulz (Florida), and Leslie Smith (Texas); and PDP Laboratory Liaison Brian Regan (Michigan).

**F. January through June 2008 Proficiency Testing (PT) Program:** The following table outlines the PT program schedule for January through June 2008. This portion of the PT program includes samples for fruit and vegetables, honey, and water. A master list showing all PT rounds planned through the end of Fiscal Year (FY) 2008 can be accessed on the PDP Extranet site.

PT SET NO.	SHIPMENT DATE <sup>1</sup>	PROVIDER	COMMODITY	LABORATORY
166	January 2008	FAPAS <sup>2</sup>	Apples	CA1, FL1, MI1, NY1, OH1, TX1, WA1
167	February 2008	CDFA	Honey	US2
168	March 2008	CDFA	Broccoli	NY1
169	April 2008	CDFA	Summer squash	CA1, TX1
170	April 2008	CDFA	Potatoes/Acid Herbicides	CO1
171	May 2008	Ultra/GLEC <sup>3</sup>	Water	MN1, MT1, NY1
172	June 2008	AOAC	Potatoes	CA1, FL1, MI1, NY1, OH1, TX1, WA1

<sup>1</sup> Target shipment date for all providers is the second Tuesday of the month. For water sets where the matrix is provided by GLEC, Ultra vial shipments will be planned in conjunction with sample collection.

For assays involving broccoli, honey, and summer squash, please provide any special requirements for sample preparation (e.g., silinization of glassware) to the CDFA, Quality Assurance Unit (QAU). All PT samples are subject to validated compounds as reported to MPO. Analyte levels are determined based on the limits of detection (LODs)/Limits of Quantitation (LOQs) reported to the PDP central database. Report results via e-mail to the CDFA QAU using the Excel template provided with the PT set. Report Below Quantifiable Level (BQL) results as the calculated value rather than one-half the Limit of Quantitation (LOQ).

General multi-residue method (MRM) samples for fresh fruit and vegetables will be supplied by FAPAS (January 2008) and by AOAC (June 2008). Participants are only evaluated for those residues analyzed by their laboratory and the report provided will clearly identify these pesticides. Please report results according to FAPAS and AOAC reporting requirements.

For PT set number 171 (water), Ultra will supply custom mixes to be spiked by the laboratory QAU into site samples collected by GLEC according to the protocol supplied by MPO. Samples will then be transferred to the technical group for analysis.

For all PT rounds, please report results to MPO via Remote Data Entry (RDE) procedures. Contact MPO for further information/instructions.

#### **G. Standard Operating Procedures:**

##### **New and Revised SOPs Released October 1, 2007**

- PDP-Glossary
- PDP-ADMIN-04, Laboratory Equipment
- PDP-DATA-07; Data Reduction and Reporting
- PDP-DATA-08; Data Storage, Retrieval, and Archival
- PDP-QC-07, Demonstration of Method Performance
- PDP-QC-13 Apples, Commodity Specific Requirements for Apples
- PDP-QC-13 Cherries, Commodity Specific Requirements for Cherries
- PDP-QC-13 Honey, Commodity Specific Requirements for Honey

##### **SOPs Archived October 1, 2007**

- PDP-LABOP-14; Receipt, Custody, Preparation, Packaging, and Shipment of PDP Homogenates for Perchlorate Analysis

##### **SOPs to be Released January 1, 2008**

- PDP-ADMIN-06B, Laboratory Quality Assurance Units (QAUs)
- PDP-INST-06, Instruments and Equipment
- PDP-LABOP-01; Sample Receipt, Storage, Archiving, and Disposal
- PDP-STD-04, Analytical Reference Standards
- PDP-QC-13; Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings

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<sup>2</sup> Food Analysis Performance Assessment Scheme.

<sup>3</sup> Great Lakes Environmental Center.

- PDP-QC-13 Grapes, Commodity Specific Requirements for Grapes
- PDP-QC-13 Spinach, Commodity Specific Requirements for Spinach
- PDP-QC-13 Strawberries, Commodity Specific Requirements for Strawberries

#### **SOPs to be Archived January 1, 2008**

- PDP-STD-01, Analytical Reference Standards Receipt and Storage
- PDP-STD-02, Analytical Reference Standards Preparation
- PDP-STD-03, Analytical Reference Standards Quality Control
- PDP-INST-01, Maintenance Procedures and Documentation
- PDP-INST-02, Equipment Calibration
- PDP-INST-03, Instrument SOPs and Manuals

#### **SOPs to be Released April 1, 2008**

- PDP-ADMIN-02, Personnel and Organization
- PDP-ADMIN-03, Training/Personnel Records and Performance Evaluation of Technical Personnel
- PDP-ADMIN-08, Historical SOP Files
- PDP-LABOP-12, Animal Tissue Analysis
- PDP-LABOP-13; Receipt, Custody, Preparation, Packaging, and Shipment of PDP Homogenates
- PDP-QC-05, Approval Process for Method Modification
- PDP-QC-13 Catfish, Commodity Specific Requirements for Catfish

### **H. Electronic Transfer of Data**

RDE Version Upgrades: A version upgrade to the Web-based RDE system was installed in May 2007 to add some required functionality, to increase the maximum size of the user password, and to automatically prompt for a password change when the system default password is entered. With the next version upgrade, tentatively scheduled for January 2008, MPO plans to make password management more secure, increase the size of some text fields, and fix problems reported by laboratory users. A version upgrade to the RDE e-SIF system for laptops/palmtops was distributed in January 2007. With the next version upgrade, tentatively scheduled for December 2007, MPO plans to add a feature that will allow users to dynamically activate/add commodities and sites on their look-up tables. This revision will alleviate the problem where sample collectors did not have an updated commodity look-up table loaded and had to submit paper SIFs for the new commodity. 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 will be issued as soon as the budget is signed by the President. Funds will be made available as soon as the agreements are signed. 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 1<sup>st</sup> and 2<sup>nd</sup> 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

**Banana** collection ends *December 31, 2007*.

**Carrot** collection ends *December 31, 2007*.

**Frozen potato** collection ends *December 31, 2007*.

**Heavy cream** collection ends *December 31, 2007*.

**Almond** collection ends *March 31, 2008*.

*Note: Cranberries ended December 31, 2006 and sampling will not be resumed. Cherries ended September 2007 and sampling will not be resumed. The target number of samples for cranberries and cherries was 300 per commodity.*

### Sampling Additions

**Grape juice** is being added *January 1, 2008*. With the exception of samples from California and Maryland, samples will be sent to the Michigan (MI1) 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.

**Fresh potatoes** are being added *January 1, 2008*. 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.

**Spinach** is being added *January 1, 2008*. 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.

**Strawberries** are being added *January 1, 2008*. With the exception of samples from California and Maryland, samples will be sent to the Michigan (MI1) 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.

**Catfish** is being added *April 1, 2008*. All samples will be sent to the AMS National Science Laboratory (NSL/US2), Gastonia, North Carolina, for analysis. Refer to the

current commodity fact sheet for sample selection, packaging, and shipping guidelines.

*Note: Honey sampling began on October 1, 2007 as a rapid response survey. All samples are sent to the AMS NSL (US2), Gastonia, North Carolina, for analysis.*

### Sampling Continuations

**Apple juice, fresh/frozen blueberries, broccoli, celery, greens (collards/kale), green beans, honey, nectarines, peaches, summer squash, and tomatoes** will continue to be sampled.

**Corn grain** continues to be sampled by USDA's Grain Inspection, Packers and Stockyards Administration (GIPSA). Corn grain is scheduled to remain in the program through *September 30, 2008*.

**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

**Banana** collection ends *December 31, 2007*. This ends multi-residue testing of bananas under SOP PDP-QC-13 Bananas by the California (CA1) and Florida (FL1) laboratories.

**Carrot** collection ends *December 31, 2007*. This ends multi-residue testing of carrots under SOP PDP-QC-13 Carrots by the California (CA1) and Michigan (MI1) laboratories.

**Frozen potato** collection ends *December 31, 2007*. This ends multi-residue testing of frozen potatoes under SOP PDP-QC-13 Potatoes by the California (CA1) and Washington (WA1) laboratories.

**Heavy cream** collection ends *December 31, 2007*. This ends multi-residue testing of heavy cream under SOP PDP-QC-13 Milk-Based Dairy by the AMS NSL (US2), Gastonia, North Carolina.

**Almond** collection ends *March 31, 2008*. This ends multi-residue testing of almonds under SOP PDP-QC-13 Almonds by the AMS NSL (US2), Gastonia, North Carolina.

*Note: Cranberries ended December 31, 2006 and sampling will not be resumed. Cherries ended September 2007 and sampling will not be resumed. The target number of samples for cranberries and cherries was 300 per commodity.*

### Testing Additions

**Grape juice** is being added *January 1, 2008*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Michigan (MI1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Grapes.

**Fresh potatoes** are being added *January 1, 2008*. 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 SOP PDP-QC-13 Potatoes.

**Potato homogenates** will be sent by the California (CA1) and Washington (WA1) laboratories beginning *January 1, 2008*, to the Colorado (CO1) laboratory for acid herbicide analysis. **Spinach homogenates** will be sent by the California (CA1) and Florida (FL1) laboratories beginning *January 1, 2008*, to the Colorado (CO1) laboratory for acid herbicide analysis.

**Spinach** is being added *January 1, 2008*. 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 draft SOP PDP-QC-13 Spinach. Please contact MPO with any necessary changes to this testing profile.

**Strawberries** are being added *January 1, 2008*. Multi-residue testing for all samples, except those from California and Maryland, will be performed by the Michigan (MI1) laboratory. Samples from California and Maryland will be tested by the California (CA1) laboratory. Commodity specific requirements are listed in draft SOP PDP-QC-13 Strawberries. Please contact MPO with any necessary changes to this testing profile.

**Catfish** is being added *April 1, 2008*. Multi-residue testing for all samples will be performed by the AMS NSL (US2), Gastonia, North Carolina. Commodity specific requirements are listed in draft SOP PDP-QC-13 Fish. Please contact MPO with any necessary changes to this testing profile.

*Note: Honey sampling began on October 1, 2007 as a rapid response survey. All samples are analyzed by the AMS NSL (US2), Gastonia, North Carolina laboratory under SOP PDP-QC-13 Honey.*

### Testing Continuations

Multi-residue testing for **apple juice, fresh/frozen blueberries, broccoli, celery, greens (collards/kale), green beans, honey, nectarines, peaches, summer squash, and tomatoes** continue.

**Corn grain** continues to be tested by the USDA GIPSA laboratory (US3), Kansas City, Missouri. Multi-residue testing is performed under SOP PDP-QC-13 Corn Grain.

**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