

ETV AMS Center: 121 Verifications Completed

Battelle's Advanced Monitoring Systems (AMS) Center has completed 121 verifications to date, 20 of which were completed since January 2006. The most recently completed verification tests cover six different technology

categories, including: four dioxin emission monitoring systems; an arsenic monitor; a mobile mass spectrometer; four enzymatic test kits; seven rapid toxicity technologies; and three immunoassay test kits.

Details about these 20 verified technologies can be found on Page 2 and on the EPA ETV Program's web site at: <http://www.epa.gov/etv/verifications/verification-index.html>.

AMS Center Verifications in Progress

Technology verifications already in-progress in the AMS Center include the following technologies:

Personal Cascade Impactor Sampler

SKC's Sioutas Personal Cascade Impactor and Leland Legacy Pump



Contact Marielle Brinkman, (614) 424-5277, brinkmmc@battelle.org.

Multi-Parameter Water Sensor

Sensicore's WaterPoint 870



Contact Ryan James (614) 424-7954, jamesr@battelle.org.

Mercury Monitors

- Apex Instruments' Sorbent Sampling System
- Environmental Supply Company's HG-324K
- Tekran's Series 3300 Mercury Continuous Emission Monitor
- Thermo Electron's Mercury Freedom System

Contact Tom Kelly, (614) 424-3495, kellyt@battelle.org.



Mercury Monitors Test Site (NIPSCO's R.M. Schahfer Generating Station, Valparaiso, IN)

Seeking Vendors and Collaborators

The AMS Center is planning for verification tests in the following technology categories. If you are an interested vendor or collaborator, please contact the Battelle staff member listed after each category. General inquiries for can be directed to Ann Louise Sumner, (614) 424-3973, sumnera@battelle.org.

Category	Contact	E-mail	Phone
Immunoassay Kits for Microcystins	Ryan James	jamesr@battelle.org	(614) 424-7954
Soil Rapid Toxicity Technologies	Mary Schrock	schrock@battelle.org	(614) 424-4976
Continuous Particulate Monitors	Tom Kelly	kellyt@battelle.org	(614) 424-3495

AMS Center's Latest Completed Verifications

DIOXIN EMISSION MONITORING SYSTEMS

Adsorption Method for Sampling Dioxins and Furans

bm becker messtechnik gmbh
www.becker-messtechnik.de/

RIMMPA-TOFMS (Resonance Ionization with Multi-Mirror System)

IDX Technologies LTD
http://www.idx-tech.co.jp/english/index.html

DioxinMonitoringSystem
Monitoring Systems GmbH
www.dioxinmonitoring.com/

Jet-REMPI
SRI International
www.sri.com

ARSENIC MONITOR

SafeGuard Trace Metals Analyzer
TraceDetect

www.tracedetect.com

MOBILE MASS SPECTROMETER

CT-1128 Portable Gas Chromatograph–Mass Spectrometer
Constellation Technology Corporation
www.contech.com

Upcoming Stakeholder Meetings

The AMS Center plans to conduct Winter 2007 meetings for its Air and Water Stakeholder Committees in Sacramento, CA.

For more information, contact Rachel Sell, (614) 424-3579

ENZYMATIC TEST KITS

Organophosphate/Carbamate Screen Kit
Abraxis LLC
www.abraxiskits.com

OP-Stick Sensor
Protein-Biosensor
www.protein-biosensor.com

Eclox™-Pesticide Strips
Severn Trent Services
www.severntrentservices.com

Neuro-IQ Tox Test Kit™
Aqua Survey, Inc.
www.aquasurvey.com



RAPID TOXICITY TECHNOLOGIES

AbraTox Kit
Abraxis LLC
www.abraxiskits.com

Chem-IQ Tox™
Aqua Survey, Inc.
www.aquasurvey.com

ToxScreen-II
CheckLight Ltd.
www.checklight.co.il

Toxi-Chromotest
Environmental Bio-Detection Products, Inc.
www.ebpi-kits.com

LuminoTox PECs
Lab_Bell Inc.
www.lab-bell.com

LuminoTox SAPS
Lab_Bell Inc.
www.lab-bell.com

RAPIDTOXKIT
Strategic Diagnostics Inc.
www.sdix.com

IMMUNOASSAY TEST KITS

QTL Biosensor
QTL Biosystems LLC
www.qtlbio.com

Bioverify™ Botulinum Toxin A and Ricin Test Kits and M-Series® M1M Analyzer

BioVeris Corporation
www.bioveris.com

EzyBot® A and EzyBot® B Test Kits
PharmaLeads
www.pharmaleads.com



The AMS Center, which is part of the U.S. Environmental Protection Agency's Environmental Technology Verification Program, verifies the performance of technologies that monitor for contaminants and natural species in air, water, and soil. ETV was established to accelerate the implementation of improved environmental technologies through third-party verification testing and reporting of the technologies' performance. The ETV process provides purchasers and permittees with an independent assessment of the technology they are buying or permitting and facilitates multi-state acceptance. For further information, contact Amy Dindal at Battelle; Phone (561) 422-0113; Fax (614) 458-6697; E-mail dindala@battelle.org.