



BHSC NEWS

April, 2008

ASTM International to Publish Two Standards Originated by BHSC Members

Two new ASTM international standards originated by BHSC members have been approved for publication. Standard Test Method D7439-08 will provide a method for analysis of over 20 metals and metalloids (including beryllium) in workplace air samples by inductively coupled plasma mass spectrometry (ICP-MS), which is more sensitive than emission spectroscopy (ICP-ES) used by most U.S. labs. Standard Practice D7441-08 provides a method for ion exchange separation of beryllium from other metals that may interfere with ICP-ES analysis. The technical leads are Mike Brisson (for D7439-08) and Larry Jassin (D7441-08). Working groups within the Sampling and Analysis Subcommittee contributed to both standards.

The ICP-MS method is also being developed as an ISO standard.

Information for BHSC Spring Meeting

Final Agenda: The final agenda for the BHSC Spring Meeting is now available (see separate document). A recent addition to the agenda is a presentation by Dr. Rominder Suri, director of Villanova's Center for the Environment. Dr. Suri is establishing a National Science Foundation Industry/University Cooperative Research Center (I/UCRC) which will focus on emerging contaminants (such as beryllium) and nanoparticles. The I/UCRC is still in its formative stages, and the Department of Defense is one of the participants. We will see if there is an appropriate opportunity for BHSC involvement.

Registration: To date, we have approximately 40 registered to attend the meeting in person and about 10 more participating by phone. If you plan to participate and have not already registered, please send an email to Mike Brisson at mike.brisson@srs.gov. Please indicate whether you plan to attend in person or participate by phone. We are preparing name tags and information packets for those attending in person.

Directions and entry to Aberdeen Proving Ground: Information provided by our host, Geoff Braybrooke, is attached at the end of this newsletter.

What's a JOWOG?

The acronym JOWOG stands for Joint Working Group. There are a number of such groups set up under a treaty between the U.S. and the U.K. from the 1950s. Participation in JOWOGs is limited to Department of Energy, Department of Defense, and U. K. Atomic Weapons Establishment personnel (both federal and contractor).



A meeting of JOWOG 30-1-1 on Beryllium Health and Safety is typically held in conjunction with each BHSC meeting, and one will be held on the afternoon of April 15. The focus of this meeting is risk communication. The agenda is attached to the newsletter. Interested personnel from DOE, DoD, and AWE (federal and contractor) are invited to attend.

Conference Call Schedule, April 1 – May 1 (all times Eastern Daylight Time)

Note: There are some variations from the normal call schedule due to the meetings April 15-17.

- Apr 3, noon, Be by Fluorescence Working Group (Anoop Agrawal, aagrawal@qwest.net)
- Apr 8, noon, Sampling and Analysis Subcommittee (Melecita Archuleta, melarch@sandia.gov)
- Apr 10, noon, BeO/Digestion working group, Tom Oatts, oattstj@y12.doe.gov
- Apr 10, 3 PM, Research Needs/CBD Prevention Subcommittees, Mike McCawley (mccawley.mike@comcast.net) and Steve Jahn (steven.jahn@srs.gov)
- Apr 22, noon, Sampling working group, Geoff Braybrooke, geoffrey.braybrooke@apg.amedd.army.mil
- Apr 23, 3 PM, Technical Practices Subcommittee, David Weitzman, david.weitzman@hq.doe.gov
- Apr 22, 3 PM, Symposium Subcommittee (Amy Ekechukwu, amy.ekechukwu@srnl.doe.gov)
- Apr 24, noon, Accreditation working group, Diana Decker, ddecker@lanl.gov
- Apr 30, noon, Data Reporting Task Force, Mike Brisson, mike.brisson@srs.gov
- May 1, noon, Be by Fluorescence Working Group (Anoop Agrawal, aagrawal@qwest.net)
(next scheduled call is May 6)

Future BHSC Meetings

- April 15-17, 2008, Aberdeen Proving Ground, MD
 - April 15: Board and JOWOG
 - April 16-17: Main BHSC meeting
- November 17-20, 2008, Albuquerque, NM
 - Nov 17 AM: Board and JOWOG
 - Nov 17 PM: Surface Sampling Tutorial
 - Nov 18-19: Third International Symposium on Beryllium Particulates and Their Detection
 - Nov 20: Main BHSC meeting
- March 31-April 2, 2009, Savannah River Site, Aiken, SC
 - Mar 31: Board and JOWOG
 - Apr 1-2: Main BHSC meeting
- Fall 2009: DOE North Las Vegas office complex (dates TBD)
- Spring 2010, U. K. Atomic Weapons Establishment Aldermaston, Reading, U.K.



**FINAL AGENDA – Spring 2008 Meeting
April 15-17, 2008 – Aberdeen Proving Ground, MD
Hosted by US Army CHPPM (Geoff Braybrooke)**

All times listed herein are Eastern Daylight Time

Instructions for Participation by Telephone

Audio conferencing will be available for the items marked with an asterisk (*) below.

- Phone in number: +1-803-725-1403; passcode: 2227011
- Lines will be open from 8:30 AM to 3:00 PM on April 16 and 8:30 AM to 5:00 PM on April 17
- *Please note: if you call in and receive a message that the subscriber has not yet arrived, please do not hang up. Wait about 15 seconds and you will be prompted for your name, after which you will be connected.*

Tuesday, April 15

0800-1100 BHSC Board meeting (Board members only)
1300-1600 JOWOG 30-1-1 (focus area: risk communication – see separate agenda)

Wednesday, April 16 (full BHSC first day)

0800-0830 Registration and coffee
0830-0845* Welcome (CHPPM)
Announcements – Mike Brisson
0845-0945* Primer on genetics and toxicology – Dr. Lisa Maier, National Jewish
0945-1015* Fluorescence Analyzer Automation (Anoop Agrawal)
1015-1030 Break
1030-1215* Roundtable #1: BeO Digestion/Extraction and Particle Size
Panelists in person: Tom Oatts, Anoop Agrawal, Mark Hoover, Greg Turk, Mike Winchester, Larissa Welch
Panelist by phone: Charles Coleman
1215-1330 LUNCH
1330-1350* Research Needs Priority List Update (Mike McCawley)
1350-1415* NSF Industry/University Cooperative Research Center at Villanova
Dr. Rominder Suri, Director, Villanova Center for the Environment
1415-1430* Reports – Board, BHSC Operations, etc. (Mike Brisson)
1430-1700 Subcommittee Breakouts

(see next page for April 17)



Thursday, April 17 (full BHSC second day)

- 0800-0830 Registration and coffee
- 0830-0945* Roundtable #2: NIOSH Alert on CBD and BeS
Confirmed: Dr. Christine Schuler, NIOSH (by phone)
Steve Jahn, SRS (in person)
- 0945-1000 Break
- 1000-1100* Statistical Issues Arising in Facility Surveys for Beryllium
Charles Davis, EnviroStat
- 1100-1230* Roundtable #3: Use of Uncensored Data (DRTF white paper #2)
Panelists in person: Charles Davis, Tom Oatts, Melecita Archuleta, Paul Wambach
Panelist by phone: Gary Whitney
- 1230-1345 LUNCH
- 1345-1500* Abstract Presentations
- 1345-1415* Brush-Wellman Interactive Guide
Marc Kolanz, Brush-Wellman
- 1415-1430* Summary of OSHA Beryllium SBREFA Report
Marc Kolanz, Brush-Wellman
- 1430-1445* Monitoring of the contamination and human exposure to beryllium during an inhalation toxicology study
Caroline Muller, University of Montreal
- 1445-1500* Exposure and Genetics Contribute to the Risk of Beryllium Disease
Mike Van Dyke, National Jewish Medical Research Center
- 1500-1520* White Paper: Wall Deposits – Melecita Archuleta
- 1520-1550* Brief Updates
- 1520-1540* 10 CFR 850 Revisions and ACGIH NIC – David Weitzman
- 1540-1550* AIHA Interface – Mike Brisson
- 1550-1645* Subcommittee Reports
- CBD Prevention
 - Research Needs
 - Tech Standards/Practices/Measures
 - Med/Epi
 - Symposium
 - Sampling and Analysis
- 1645-1700* Wrap-up

Joint Working Group (JOWOG) 30-1-1 Meeting

**April 15, 2008
1300-1600 Hours**

Beryllium Health Risk Communication

Preliminary Agenda

1300 -- 1345	Worker Risk Communication in DoD Ms. Lori S Geckle Human Resources Command, US Army Center for Health Promotion and Preventive Medicine (CHPPM)
1345 – 1430	Beryllium Health Risk Communication at Y-12 Jim Jenkins B&W Technical Services Y-12
1430 – 1515	Beryllium Health Risk Communication at Atomic Weapons Establishment Tony Quinn Atomic Weapons Establishment, UK
1515 – 1600	Beryllium Health Risk Communication at Savannah River Site Steve Jahn Washington Savannah River Corporation

BHSC April 15-17 Meetings - Notes

DIRECTIONS to Edgewood,MD

Both Baltimore-Washington International (BWI) and Philadelphia (PHL) airports are reasonably close. Washington Reagan National and Dulles are also possible but traffic around D.C. is a bear.

BWI is one of Southwest Airlines' biggest hubs. Service between UK (Heathrow) and BWI is limited to one British Airways flight daily each way. There are more options for flights connecting via Newark, NJ. Connections to PHL seem to be out of the way.

From BWI

Take I-195, keeping to the right and turning almost immediately onto MD 295 north (Baltimore-Washington Parkway). Exit onto I-895 to bypass downtown Baltimore, which merges into I-95 to the north of the city, and proceed to Exit 77 (about 32 miles).

From PHL

Take I-95 south to Exit 77 in Maryland (about 70 miles).

From D.C.

Take Beltway I-495 to I-95 or Md. 295 north and follow directions for BWI.

These routes are likely to be slow during the evening rush hour, especially MD 295. Both require toll payments (\$2.00 from BWI and Washington, \$5.00 from PHI).

HOTELS

There are 5 that are close together near I-95 – See map. All are good as far as I know.

RESTAURANTS

A list and maps will be provided on site.

LEISURE

There is little to do in Edgewood or the nearby town of Bel Air, which are bedroom suburbs. Baltimore is about 25 miles away. It has a very attractive and walkable waterfront around the Inner Harbor. There are lots of options for dining and other entertainment.

GETTING ON TO POST

NOTE – Speed limits are strictly enforced on post!

US Government employees – Show official ID to guards at the MD 24 gate.

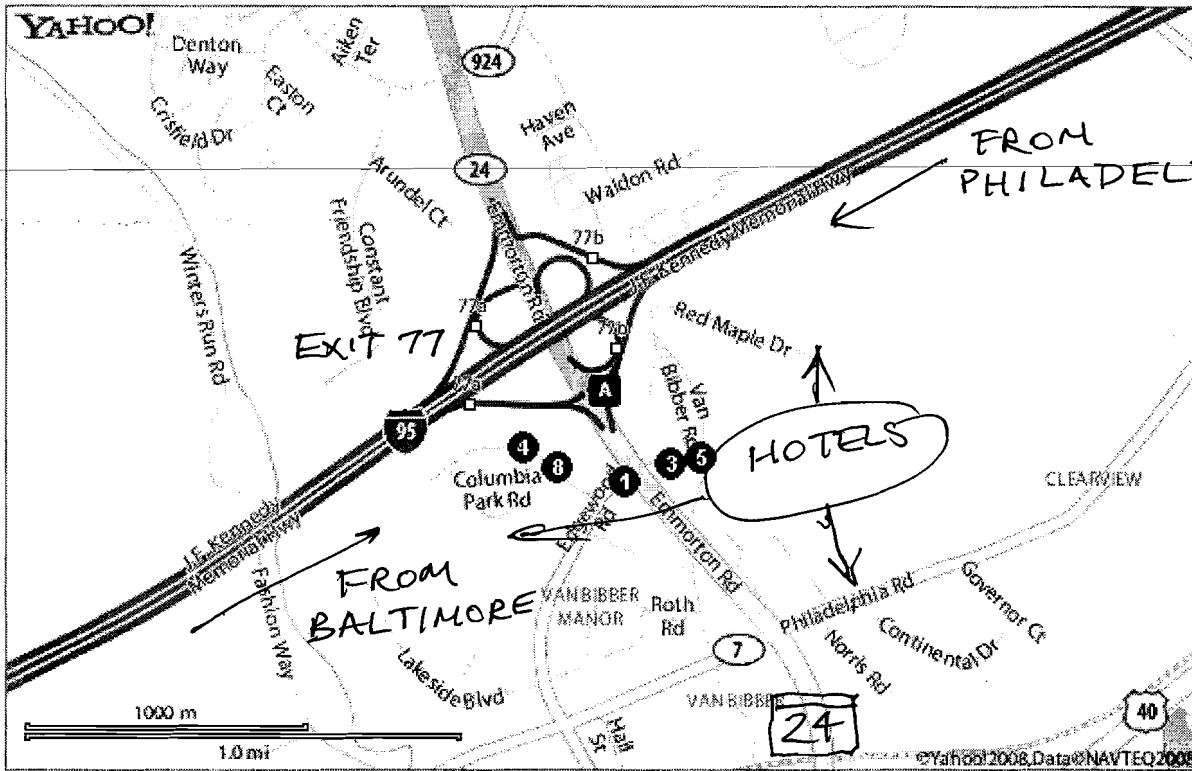
Other U.S. citizens – sign in at visitor center at the gate.

UK visitors – I have to escort you while you are on post. Easiest way is for me to pick you up and drop you at your hotel.

Yahoo! Maps

HOTELS

YAHOO! LOCAL
Maps

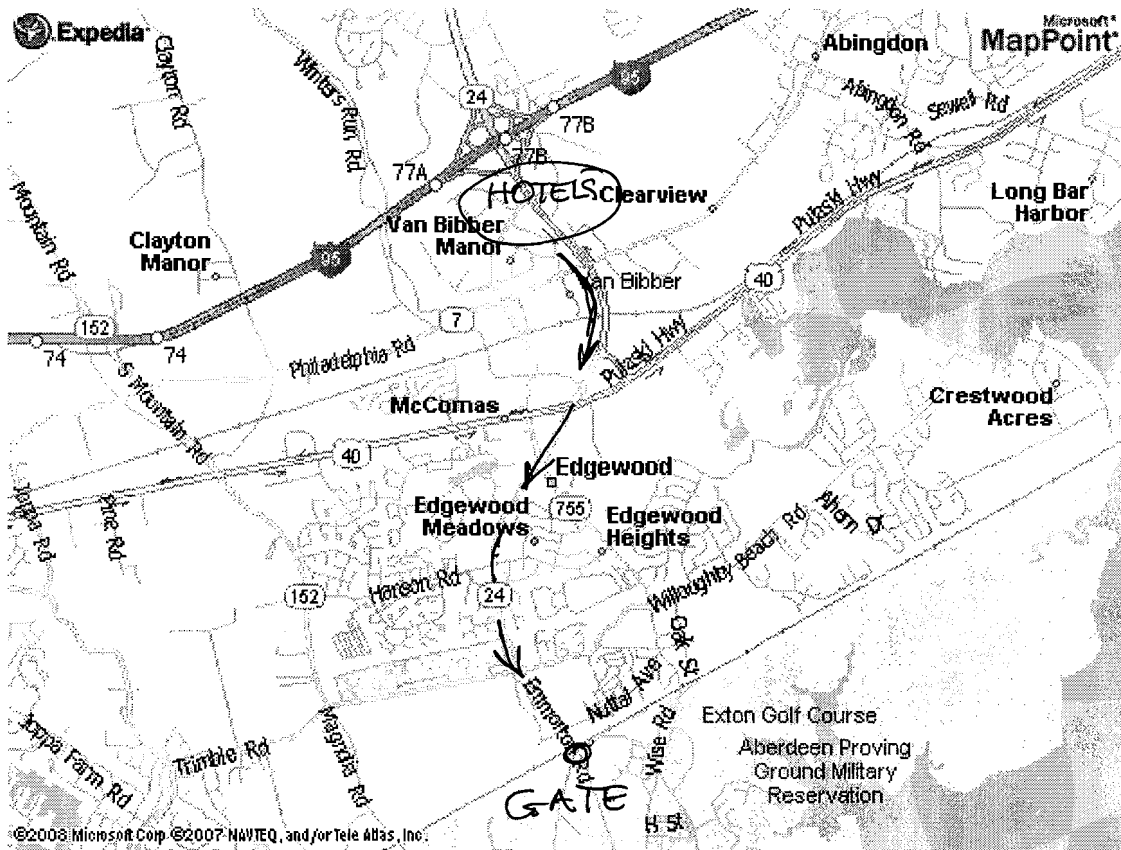


Your Points of Interest

- ➔ 1. Best Western Invitation Inn (410) 679-9700
1709 Edgewood Rd Edgewood, MD 21040
- 2. Holiday Inn Express Edgewood (410) 612-1200
2118 Emmorton Park Rd Edgewood, MD 21040
- ➔ 3. Sleep Inn Edgewood (410) 679-4700
1807 Edgewood Rd Edgewood, MD 21040
- ➔ 4. Hampton Inn Baltimore/Edgewood (410) 670-6000
2112 Emmorton Park Rd Edgewood, MD 21040
- ➔ 5. Comfort Inn Conference Center (410) 679-0770
1700 Van Bibber Rd Edgewood, MD 21040
- 6. Days Inn Edgewood (410) 671-9990
2116 Emmorton Park Rd Edgewood, MD 21040
- 7. Edgewood Motel (410) 676-4466
2209 Pulaski Hwy Edgewood, MD 21040
- ➔ 8. Holiday Inn Express Edgewood-I95 MD
2118 Emmorton Park Dr Edgewood, MD 21040
- 9. Motel Chase Manor (410) 676-5200
2700 Pulaski Hwy Edgewood, MD 21040
- ➔ 10. ~~Bringing Baby (410) 293-8241~~

TO A.P.G. EDGEWOOD AREA

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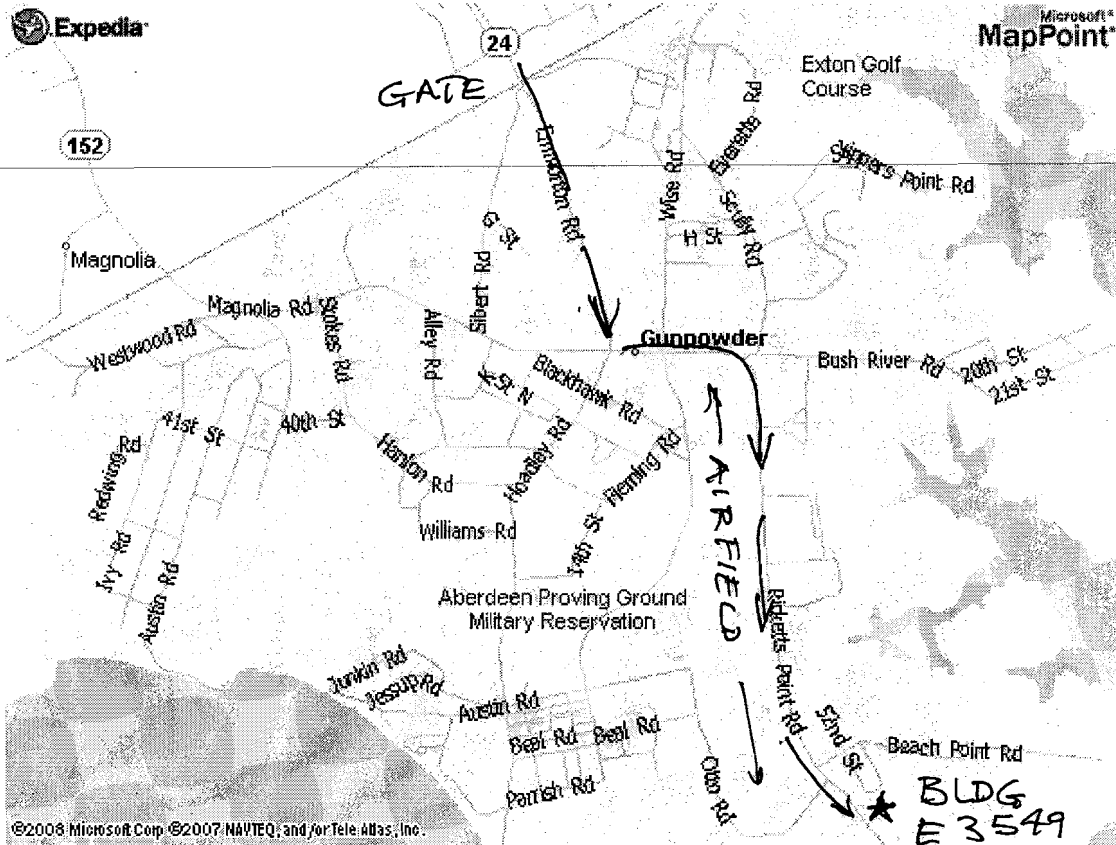
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Partner sites:

FROM I-95/HOTELS

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E3549

CONF.
CENTER

PARKING

FROM
GATE

RICKETTS POINT ROAD

