



# DRAFT

## Statewide Hazmat Response Work Group Meeting

(Anchorage – BP Energy Center)

August 11, 2009

### Draft Meeting Notes

August 12, 2009

1. **Participants:** See attached.
2. **Agenda:** See attached.
3. **Safety Moment:** Sandra Brewer (BP Energy Center) briefed the group on general safety procedures (fire, earthquake, evacuation) as well as provided a general layout of the facility.
4. **Introductions:** The meeting began with an overall welcome followed by introductions. A sign-in sheet was also circulated (see the attached participant list).
5. **Action Items from the Previous Meeting:** The group reviewed the action items for the previous meeting held on May 12, 2009 in Anchorage.
  - a. **Hazmat Activities for the Arctic Shield/Northern Edge Exercise:** The initial planning conference was scheduled at the same time as the Statewide Hazmat Work group meeting. Work group members were receptive to the idea of including Statewide Hazmat Team activation and involvement in this event. Work group members attending the exercise planning conference were asked to promote the idea of a Hazmat event requiring response by the Statewide Hazmat Team. **(Closed)**
  - b. **2010 Alaska Hazmat Symposium:** Work group members were asked to provide their ideas and suggestions for symposium topics to Larry Iwamoto and Tyler Bones. An initial planning meeting will be scheduled in the near future. Tyler is checking on possible venues for the symposium. **(Open)**
  - c. **State Hazmat Budget Requests:** Geoff Harben provided final memoranda of agreement to those Hazmat teams who requested funding from DEC. All three original copies will need to be signed and returned to Geoff. **(Closed)**
  - d. **Standard Operating Guidelines:** Larry Iwamoto will provide the Juneau Hazmat SOGs to work group members. **(Closed)**
  - e. **Container Inspection Training:** Paul Moyer (USCG Sector Anchorage) will check on the status of the training and feasibility of providing this training to different locations in Alaska. **(Open)**
  - f. **Tier Two Reporting:** Larry Iwamoto will provide Eric Mohrmann with background information on the Tier Two reporting issue. **(Closed)**

- g. Hazmat Initiatives for Federal HMEP Grant Funding:** Larry Iwamoto will prepare a draft proposal and circulate to work group members for comment. **(Closed)**

## **6. Hazmat Team Updates:**

- a. Anchorage Hazmat Team:** Update from Jim Vignola.
- Responded to a formaldehyde release at the Alaska Airlines hangar. Easier to task the responsible party (RP) to purchase expended disposable items as opposed to seeking assembly approval for receiving funds. The RP is normally more than willing to accommodate this option, when given a list of items to be ordered by the Hazmat Team.
  - Responded to a mercury incident at a private residence. Owner uncooperative and this would have become a health and safety concern if there were children involved.
  - Several responses involved abandoned drums.
  - Responded to a bleach/ammonia mixture at an RV rental facility in Anchorage.
  - Currently 38 members on the Hazmat Team, with 15 on duty per shift. Team supported by a Hazmat vehicle, a shower trailer, and two mass decon trailers.
  - CAMEO is used often, but supplemented by Quick Action Plans (QAPs) which include facility plans.
  - Responded to an Alaska Railroad incident at the Port of Anchorage involving the Flint Hills tank farm facility.
- b. Fairbanks Hazmat Team:** Update from Tyler Bones and Jim Maltby.
- Supported two major fires (one wildland fire and a coal bunker fire). Used the mobile air compressor unit and an air conditioned trailer to support firefighters.
  - Involved in one meth lab response. Vehicle pulled over with meth lab components in the vehicle.
  - Participated in a local response exercise at North Pole.
  - Actively supporting local fire department training.
  - Two team members attended the Hazmat Technician course in Kodiak. Impressed with the locally built decon trailer at Kodiak
  - Eielson Air Force Base Readiness Group actively developing response capabilities for CBRNE incidents (except explosives). A 9-man team has been formed and 4-5 members have become members of the Fairbanks Hazmat Team.
  - Regarding CAMEO, it is not used very often by the Hazmat Team, and even less so by the city and borough fire departments.
- c. 103<sup>rd</sup> Civil Support Team:** A representative was unable to attend the meeting.
- d. Kodiak Hazmat Team:** Jim Mullican provided the following update.
- Hazmat Tech Course held in July. Went well overall. Raised the issue of certification. The individual's employer is the only person who can certify the individual as Hazmat Tech qualified.
  - The locally manufactured decon trailer worked well.
  - They currently have 9 techs total, although 2 are leaving.
  - Primary concern is ammonia because of the proximity of the seafood processing facilities. Ammonia training provided by Aware Consulting did not include a live release of ammonia. However, the visit to a local seafood processing facility was very

- beneficial to the students.
- Will be purchasing additional RAE detection systems. Jim Vignola mentioned that RAE has a standing contract with the State of Alaska and users receive a 12% discount on purchases. Test gases are a huge drain on the Hazmat Team's operating budget.
  - Conducted a fuel delivery truck rollover drill with participation by two fuel delivery companies. The goal was to apply training received at last year's Hazmat Symposium. Actual truck rollover with fish parts occurred two weeks after the drill.
  - CAMEO usage: No.
- e. Elmendorf AFB/Ft Richardson Hazmat Team/Bio-Environmental Engineer:** Update from Andy Lambert and Nicole Bradley.
- Involved in monthly proficiency training for sampling unknown substances. Jim Vignola asked if the training samples could be shared with the Anchorage Hazmat Team.
  - No significant responses; currently training on CBRNE response to facilities on base.
  - Participated in a field exercise two weeks ago.
  - Radiation capability enhanced with the addition of passive and active radiation detection devices to their response inventory.
  - There are currently 129 Hazmat Tech qualified team members.
  - CAMEO use is occasional.
- f. Ketchikan Hazmat Team:** A representative was unable to attend the meeting.
- g. Juneau Hazmat Team:** Email update from Eric Mohrmann.
- Team continues to train and prepare for full operations. Recently received radiation monitoring equipment and have conducted several tabletop exercises and drills. The team meets again on August 17<sup>th</sup> for another drill.
  - Awaiting a joint exercise with the Ketchikan Hazmat team to demonstrate preparedness to respond to a full incident via a wheels rolling exercise. This is required before the Juneau team can be fully operational as part of an agreement. Ketchikan is experiencing some personnel shortages that will delay the joint exercise. While grant funding is available for this exercise, full operational start-up will need to be postponed until this can be accomplished.
  - Completed recertification of all personnel to an Operations level. A train the trainer operations level class will be taught in Juneau November 1-5, 2009.
  - The DEC 2009 grant has been forwarded to the Assembly for appropriation. Upon completion of this process, additional air monitors will be made operational and additional required equipment will be purchased. Also purchasing equipment using MMRS grant funding to standardize equipment assets with Ketchikan and the statewide team.
  - There have been no responses of note in Juneau since the last statewide meeting.
- h. Central MatSu Fire Department:** Update from Ken Barkley.
- 17 members from the U.S. Army Emergency Response Extraction Team based in Hawaii are here for a major exercise at the Central Matsu fire training facility. The team will coordinate activities with the 103<sup>rd</sup> CST who will make the initial entry, then turn over casualty rescue and extraction operations to the Army team. Casualty rescue will include simulated rescue of mannequins from a 4-story structure, plus emergency extraction from a vehicle. The Team from Hawaii will be sending over 100 people for next year's Alaska Shield/Northern Edge exercise.

- Central MatSu firefighters also participated in a major exercise with the MatSu Regional Hospital. The hospital staff is actively engaged in Hazmat planning and response activities and is now prepared to receive patients for decontamination at the hospital facility. An effective color-coding system has been implemented to expedite the decon process.
  - Working with EMI on scheduling the Hazmat Tech course using federal HMEP grant funding provided by DMVA. Learning a lot about the process for receiving grant funding which requires an initial meeting by the assembly, followed by another assembly meeting to accept the funding. The course appears to be full at this time.
  - Industrial Scientific Corporation (ISC) program used. Instruments are leased, and maintenance and replacement actions are tracked by the company. Elmendorf Hazmat and BP Hazmat also use ISC equipment.
  - CAMEO: Central MatSu Fire Dept does use CAMEO, supplemented by pre-fire plans for the facilities that store hazardous substances.
- i. **EPA:** Update from Matt Carr, Michele Sherwood, and Bob Whittier.
- Briefed on on-going removal actions. These are summarized on EPA's website at epaossc.net
  - Discussed the recent mercury response. EPA's threshold for response is when the incident becomes a public safety issue and threatens the environment outside of the private residence. EPA deals with a lot of mercury responses in the lower 48.
  - Briefed on the Coffman Cove Road incident where the rock used for the road bed was producing acidic leachate with a pH of 2.
  - EPA also working on asbestos cleanups and typical oil spills.
  - EPA's START Contractor, Ecology and Environment, is continuing to conduct training every two weeks at the EPA warehouse. Contact Vivian Melde (257-5000) for information on the training courses. Anchorage Hazmat team members recently participated in HazCat training. If anyone has any specific training requirements, they should contact Michele Sherwood of EPA (271-3914).
- j. **FBI:** A representative was unable to attend the meeting.
- k. **Alaska Railroad:** Update from Jim Seeberger.
- Spent some time training the Anchorage Hazmat Team on the recent rail incident at the Port of Anchorage.
  - Passenger railcar exercise scheduled for September.
  - Railroad spill contingency plan exercise scheduled for the October-December timeframe.
  - Tim Brady has been selected to replace Marc Petersen.
  - The railroad is conducting a lot of internal ICS training.
- l. **Public Health Lab (DHSS):** Update from Eileen Nickoloff.
- No white powder incidents since the last Hazmat work group meeting.
  - Recently hired a new chemist and a new biological analyst (Tricia Franklin).
  - Interested in attending new staff to another LSU WMD Sampling Course.
- m. **Alaska Division of Homeland Security and Emergency Management (DHSEM):** A representative was unable to attend the meeting.
- n. **Coast Guard:** Update from Jennifer Russell and Jeff Ahlgren.
- Coast Guard Sector Anchorage does not have a Hazmat response capability, and

- relies on the Pacific Strike Team to respond to Hazmat incidents.
  - Attended ICS training last week. The District Response Advisory Team (DRAT) provides Hazmat training for the Coast Guard in Alaska.
  - Involved in the planning for Alaska Shield/Northern Edge.
- o. BP Hazmat Team:** Doug Frey
- Responded to two potential Hazmat incidents that turned out to be non-events (no hazardous substances were determined to be released). Good training opportunity for the team.
  - 8-12 Level A responders on duty in support of BP North Slope operations. ConocoPhillips maintains similar staffing for their company.
  - CAMEO: Not used. Support and trajectory information obtained from NOAA.
- p. Carlile Trucking:** Lisa Marquiss
- Carlile transports cargo ranging from Class 1 thru 9. No major spills to report.
  - Lisa is responsible for environmental, cleanup, and security matters for the company.
- q. Alaska Department of Environmental Conservation:** Update from Mark Sielaff.
- Responded to a recent radiological incident in Eagle River. Radioactive ore marked “highly radioactive.” Expressed kudos to the Anchorage Fire Department (Brian Grella) for his assistance. Radiation detection instruments revealed above background levels of radiation from the source. PER EPA guidance, unless the radioactive source is known isotopes, naturally occurring radioactive material can otherwise be returned to the ground.
  - Also mentioned an incident involving meth lab materials at an evidence locker in the Soldotna Police Department. Apparently, once meth lab materials are moved, it becomes the property of the person/agency that moved it. This was later coordinated with DEA who agreed to relieve the Soldotna Police Department of any custodial responsibility.
- 7. Drills and Training:** Larry provided an updated Statewide Hazmat Response Work Group Activity Schedule for the group to review. An updated schedule is attached.
- a. Arctic Shield/Northern Edge 2010.**
- DEC has submitted a funding grant (approximately \$42,500) to have four team members from the Ketchikan, Juneau, Kodiak, and Fairbanks Hazmat Teams deploy to Anchorage in support of a Statewide Hazmat Team exercise to respond to a Hazmat scenario associated with this event. DEC and others will participate in future planning meetings to determine the scope and level of play for the Statewide Hazmat Team. The overall scenario for this event will be a major earthquake in Southcentral Alaska.
- b. Hazardous Materials Courses.**
- Kodiak hosted the Hazmat Technician Course in July 2009 through the use of HMEP grant funds provided by DMVA/DHS&EM. A one-day ammonia awareness course was also included. Central MatSu is also planning to host a Hazmat Technician Course in the August-September timeframe with HMEP grant funds.
  - The group discussed the use of in-state Hazmat expertise to support training courses such as the Hazmat Tech Course and the 40-hour course. The courses would be tailored for Alaska using experienced and qualified first responders as course

- Another area to research is whether Homeland Security grant funding can be used to purchase training equipment for the Statewide Hazmat Response Team in support of delivering these courses.
- EMI (Larry Bethel) noted that EMI is now certified to deliver the 32- and 40-hour courses, and will be providing courses in Angoon and Bethel. Development of an annual training schedule would be helpful to identify training needs.

**c. Alaska Hazmat Symposium.**

- Scheduled for April 9-11, 2010 in Fairbanks. April 8 will be a travel day, and much of the symposium will occur over the weekend to allow volunteer responders to participate. Preliminary topics include the following. Additional suggested topics should be provided to Tyler Bones or Larry Iwamoto.
  - Sodium cyanide
  - Propane, liquid methane and LNG response procedures.
  - Hydrogen peroxide awareness and response procedures.
  - Ammonia training.
  - Cryogenic liquids.
  - Chlorine
  - Flammable liquid fuels (gasoline, diesel, jet, naphtha)
  - Transportation of Hazmat (packaging, labeling, shipping papers, placarding)
  - Orphan drum response
  - Radiation response
  - Cold weather decontamination

**d. Other Items of Interest.**

- The work group reviewed the list of courses offered by the LSU National Center for Biomedical Research and Training. The group tentatively agreed that another WMD sampling course would be beneficial as well as possibly a CAMEO course.
- Michele Sherwood indicated that EPA has training funds available for this calendar year. Examples of training that EPA can provide (thru their START contractor) include: peroxide training; unstable chemicals training; meth lab course; HazCat; CAMEO; and radiation response.

**8. Statewide Hazmat Budget Status:**

**a. State Budget Information.** Update from Geoff Harben.

- Handout provided; roughly \$20,000 remaining in State Hazmat budget after funding disbursed to Hazmat teams. Five agreements have been signed with communities which maintain a Level A capability. Funds need to be expended (e.g., invoices received) by December 31, 2009. Any amendments and requests for extension should be sent to Geoff at least 30 days prior to the termination date of the agreement.
- DEC has received Hazmat funding through another Capital Improvement Project (CIP) to offset Statewide Hazmat Team expenses. The CIP has been approved in the amount of \$200,000.

**b. Federal Grants.**

- Alan Wien and Jim Maltby served on the recent Homeland Security grant committee. They noted that this is the first year where community grant requests did not exceed the amount of funding available. Work group members were urged to submit grant funding requests for access to this funding source. This was added as an action item for work group members.
- Larry Iwamoto submitted a prioritized list of funding needs for next year's federal Hazardous Materials Emergency Preparedness grant program. The total amount requested was \$115,000. Suggested spending priorities included funding for the Hazmat Symposium; a 40-hour Hazmat Course; funding in support of the Alaska Shield/Northern Edge exercise; and an Ammonia training course

**9. Action Items:**

- 2010 Alaska Hazmat Symposium:** Work group members were asked to provide their ideas and suggestions for symposium topics to Larry Iwamoto and Tyler Bones.
- Container Inspection Training:** Jeff Ahlgren (USCG Sector Anchorage) will check on the status of the training and feasibility of providing this training to different locations in Alaska.
- Federal Homeland Security Grant Applications:** DEC (Alan Wien) will check with DMVA (Michelle Heun) on the typical timeline for submitting grant applications. The Statewide Hazmat Work Group will then advise work group members to prepare and submit grant applications in support of their Level A teams. Alan will also check to see if Homeland Security grant funding may be used to purchase training equipment needed in support of Hazmat courses for the Statewide Hazmat Team.
- Training Needs:** Work group members should identify training requirements to Michele Sherwood for consideration and delivery by EPA's START contractor.

**10. Informational Items:** Just a reminder, meeting notes, work group member listing (including phone numbers and email addresses), photos from past activities, etc. are posted at the following website: <http://www.dec.state.ak.us/spar/perp/hazmat.htm>

**11. Next Meeting:** The next meeting is scheduled for November 17, 2009 in Anchorage at the BP Energy Center. The WMD Work Group will convene in the afternoon at the same location.

Encl: Final Agenda  
Attendee Listing  
Updated Schedule of Activities



# **STATEWIDE HAZMAT WORK GROUP MEETING**

**BP Energy Center – 900 E. Benson Blvd (see attached map)**

**Anchorage, Alaska**

**August 11, 2009**

## **Agenda**

- 9:00 am**
- **Introductions**
  - **Safety Moment**
  - **Review Agenda for any Additions/Changes**
  - **Review Status of Action Items from Previous Meeting (See attached)**
  - **Team Updates/Lessons Learned from Any Recent Responses/Team Capability Enhancements**
    - Anchorage Hazmat Team
    - Fairbanks Hazmat Team
    - 103<sup>rd</sup> Civil Support Team
    - Kodiak Hazmat Team
    - Elmendorf AFB/Fort Richardson Hazmat Team
    - Ketchikan Hazmat Team
    - Juneau Hazmat Team
    - Valdez Hazmat Team
    - EPA
    - Others (FBI, CG, ARRC, DHSS, DEC, DMVA/DHSEM, Industry, Others)
  - **Drills and Training**
    - Schedule of Hazmat Activities
    - Hazmat Technician Course – In-State assets, certification
    - Other Training Opportunities (LNG and Liquid Methane Training)
    - LSU (National Ctr for Biomedical Research and Trng) Courses
  - **Statewide Hazmat Budget Status**
    - DEC CIP Funding Status for Hazmat Teams (Geoff Harben)
    - Federal Funding (ODP, MMRS, HMEP Funding)
  - **Additional Items for Discussion**
    - 2010 Hazmat Symposium
    - Alaska Shield/Northern Edge Hazmat Activities
  - **Recap Action Items**
  - **Next Meetings:**
    - November 17, 2009 (BP Energy Center)**
    - February 9, 2010 (BP Energy Center)**
    - May 11, 2010 (BP Energy Center)**
  - **Adjourn**

**STATEWIDE HAZMAT RESPONSE WORK GROUP-ATTENDEE LIST (August 11, 2009)**

Individual	Agency	Email Address	Phone /Fax	Status/Other
Jeff Ahlgren	USCG Sector Anchorage	<a href="mailto:Jeffrey.I.ahlgren@uscg.mil">Jeffrey.I.ahlgren@uscg.mil</a>	271-6708	
Larry Bethel	EMI	<a href="mailto:lbethel@emi-alaska.com">lbethel@emi-alaska.com</a>	272-8852/272-4159	
Tyler Bones	Fairbanks Hazmat	<a href="mailto:tyler.bones@fhr.com">tyler.bones@fhr.com</a>	488-5180/488-0095	
Nicole Bradley	EAFB Hospital, Bio-Env Engineer	<a href="mailto:Nicole.Bradley@Elmendorf.af.mil">Nicole.Bradley@Elmendorf.af.mil</a>	552-3953/552-3985	
Matt Carr	EPA	<a href="mailto:Carr.matthew@epa.gov">Carr.matthew@epa.gov</a>	271-3616/271-3424	
Tricia Franklin	DHSS	<a href="mailto:Tricia.franklin@alaska.gov">Tricia.franklin@alaska.gov</a>	334-2120	
Doug Frey	BP Hazmat Team	<a href="mailto:GPBEmergencySvcChief@BP.com">GPBEmergencySvcChief@BP.com</a>	659-5646	
Geoff Harben	DEC PERP (Jnu)	<a href="mailto:Geoff.harben@alaska.gov">Geoff.harben@alaska.gov</a>	465-5234/465-2237	321-3426 (cell)
Larry Iwamoto	DEC PERP (Anc)	<a href="mailto:Larry.iwamoto@alaska.gov">Larry.iwamoto@alaska.gov</a>	269-7683/269-7648	440-0812 (cell)
Andrew Lambert	EAFB Fire Dept	<a href="mailto:Andrew.Lambert@ELMENDORF.af.mil">Andrew.Lambert@ELMENDORF.af.mil</a>	552-9479	223-2166 (cell)
Greg Lippmann	DEC PERP (Anc)	<a href="mailto:Greg.lippmann@alaska.gov">Greg.lippmann@alaska.gov</a>	269-7684/269-7648	
Jim Maltby	Alaska West	<a href="mailto:maltby@awe.lynden.com">maltby@awe.lynden.com</a>	456-2223/456-2266	388-7633 (cell)
Lisa Marquiss	Carlile Transportation Systems Inc.	<a href="mailto:Imarquiss@carlile.biz">Imarquiss@carlile.biz</a>	343-3238/	632-2439 (cell)
Bob Mattson	DEC PERP (Jnu)	<a href="mailto:Bob.mattson@alaska.gov">Bob.mattson@alaska.gov</a>	465-5349/465-2237	321-3425 (cell)
Vivian Melde	EPA START Contractor	<a href="mailto:vmelde@ene.com">vmelde@ene.com</a>	257-5000, X3305	
Jim Mullican	Kodiak Hazmat	<a href="mailto:jmullican@city.kodiak.ak.us">jmullican@city.kodiak.ak.us</a>	486-8040/486-8048	
Eileen Nickoloff	DHSS	<a href="mailto:Eileen.Nickoloff@alaska.gov">Eileen.Nickoloff@alaska.gov</a>	334-2114/	
Jennifer Russell	USCG Sector Anchorage			
Jim Seeberger	Alaska Railroad	<a href="mailto:Seebergerj@akrr.com">Seebergerj@akrr.com</a>	265-2476/242-2406	
Rick Shea	DHSS	<a href="mailto:Rick.shea@alaska.gov">Rick.shea@alaska.gov</a>	334-2158	
Michele Sherwood	EPA	<a href="mailto:Sherwood.michele@epa.gov">Sherwood.michele@epa.gov</a>	271-3914/271-3424	223-6112 (cell)
Mark Sielaff	DEC PERP	<a href="mailto:Mark.sielaff@alaska.gov">Mark.sielaff@alaska.gov</a>	269-7532/269-7648	240-2517 (cell)
Jim Vignola	Anchorage Fire Dept	<a href="mailto:VignolaJF@ci.anchorage.ak.us">VignolaJF@ci.anchorage.ak.us</a>	267-5052/	355-7965 (cell)
Bob Whittier	EPA	<a href="mailto:Whittier.robert@epa.gov">Whittier.robert@epa.gov</a>	271-3247	830-7236 (cell)
Alan Wien	DEC PERP (Wasilla)	<a href="mailto:Alan.wien@alaska.gov">Alan.wien@alaska.gov</a>	376-1865/376-2382	631-2470 (cell)

## STATEWIDE HAZMAT RESPONSE WORK GROUP – ACTIVITY SCHEDULE (as of: August 5, 2009)

Activity	Type of Event	Date	Location	Sponsor/ Coordinator	Point of Contact	Participating Agencies
Statewide Hazmat Response Work Group Mtg / WMD Work Group Mtg	Meeting	May 12	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto	All Statewide Hazmat Response Wk Gp Members
EPA Health and Safety 40-Hour Course	Training	June 22-26	Anchorage EMI Facility	EMI	Larry Bethel	First responders, industry, Federal and State agencies
Hazardous Materials Technician Course, and Ammonia Training	Training	July 13-17, 2009	Kodiak	Kodiak Fire Department	Rome Kamai	Hazmat Team Members
Statewide Hazmat Response Work Group Mtg / WMD Work Group Mtg	Meeting	August 11	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto/ Alan Wien	All Statewide Hazmat Response Wk Gp Members
Hazardous Materials Technician Course	Training	Aug-Sep	Wasilla	Central MatSu Fire Dept	Ken Barkley	Hazmat Team Members
Continuing Challenge Hazmat Conference	Conference	Sep 8-11	Sacramento, CA	----	<a href="http://www.hazmat.org/index.cfm?section=1">http://www.hazmat.org/index.cfm?section=1</a>	First responders, industry, Federal and State agencies
Alaska State Firefighter's Association Conference	Conference	Sep 21-26	Anchorage	Anchorage Fire Dept	<a href="http://conference09.com/">http://conference09.com/</a>	First responders, industry, Federal and State agencies
Hazmat Chemistry Course	Training	Oct 13-15	Anchorage	Anchorage Fire Dept	Jim Vignola	Hazmat Team Members
Emergency Preparedness and Prevention and Hazmat Spills Conference	Conference	Nov 15-18	Baltimore, MD	EPA Region III	<a href="http://www.2009conference.org/">http://www.2009conference.org/</a>	Hazmat Team Members
Statewide Hazmat Response Work Group Mtg / WMD Work Group Mtg	Meeting	November 17	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto/ Alan Wien	All Statewide Hazmat Response Wk Gp Members
Statewide Hazmat Response Work Group Mtg / WMD Work Group Mtg	Meeting	February 9	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto/ Alan Wien	All Statewide Hazmat Response Wk Gp Members
Alaska Hazmat Symposium	Training, Exercise	April 9-11, 2010	Fairbanks	Statewide Hazmat Wk Gp	Symposium Work Group	First responders, industry, Federal and State agencies
Arctic Shield/Northern Edge Exercise	Exercise	April-May 2010	Statewide	DMVA	Alan Wien	First responders, industry, Federal and State agencies
Statewide Hazmat Response Work Group Mtg / WMD Work Group Mtg	Meeting	May 11	Anchorage – BP Energy Ctr	DEC	Larry Iwamoto/ Alan Wien	All Statewide Hazmat Response Wk Gp Members

= Past Event