



American Institute of Professional Geologists

Michigan Section

January 2011

From the President's Desk

There is a saying often credited to the Chinese: "May you live in interesting times". How much others are responsible for the times in which we live is for others to debate. However, there can be little debate that we do in fact live in most interesting times.

A large portion of our membership is involved with compliance issues related to environmental regulations. With last month's signing into law amendments to Michigan's environmental regulations, there are new considerations for a large part of the environmental regulatory community. In March of this year we will continue to witness the ongoing dynamic of the apparent reversible reaction sequence MDEQ+MDNR↔MDNRE and possible additional changes within each department. These changes will affect those AIPG members who are regulators or advising clients within the regulated community.

Those of our membership who are active in petroleum exploration and production are in the midst of significant changes to their industry with production from formations previously uneconomical or unexplored. There have been improvements in exploration methods for the Trenton-Black River formation (Ordovician) in the southern part of the state. There have also been improvements in horizontal well production methods that make the Collingwood formation (Ordovician) in the northern portion of the Michigan basin an attractive exploration target. These advancements have created important exploration opportunities and brought new operators and capital to the Michigan oil patch. The effect of which includes the largest state land lease sale ever held in Michigan. State land lease sales generate substantial funding for the Michigan Natural Resources Trust Fund. These funds are often used to purchase or improve land for public use, a public benefit for which the petroleum industry gets little credit.

Developments in the mining industry, non ferric metals in particular, continue with the potential to improve the economic well being of portions of the

western upper peninsula. But the industry must satisfy government regulators and deal with portions of the public opposed to their operations.

And the most important overriding factor of our times, the poor state of the Michigan economy.

With this as our backdrop and as the President of the Michigan Section for 2011, I will strive to continue the good work initiated by my predecessors. We will continue to provide opportunities to become better informed on timely subject matter, network with our peers and enhance education and outreach activities within our communities. In doing this, our goal is to make the AIPG Michigan Section an asset to the geologists of our state in these interesting times.

Don Conway, CPG – 2011 Michigan Section President

Section Officers Reports

President: Information presented in the "From the President's Desk" article above.

Vice President: No Report.

Treasurer: Details of the Section accounts are summarized in the Secretary's report.

Secretary: December 2, 2010 Executive Committee meeting minutes as follows:

I. Call to Order: 4:30 PM

Attendees: Jason Lagowski, Don Conway, Dawn Prell, Sarah Pearson, Adam Heft, and John Barkach

II. Election Results: Craig Savage was elected AIPG Michigan Section Secretary for 2011.

III. Treasurer's Report. Dawn Prell reported that the Section account balance is approximately \$5,600. The rollover of certificates of deposit (CDs) was discussed; a total five CDs roll over at one year intervals. The golf outing generated approximately \$1,000 in income. Two awards are anticipated at this time, a \$500 education grant and a \$500 Technical Poster Award to be presented at the Annual Meeting tonight.

IV.2011 AIPG Section Meetings. The following meetings are tentatively scheduled for 2011:

- March 3rd, 2011, Tony M's or Causeway Bay Hotel, Lansing, MI
- May 19th, 2011, Holly's Landing, Grand Rapids, MI
- September 22nd, 2011, University Center, Mt. Pleasant, MI
- December 1st, 2011, Webbers' Inn, Ann Arbor, MI

V. December 2, 2010 Section Meeting. Dr. Harrison is the Director of the MGREE Michigan Basin Core Research Laboratory and presented "THE NEW SHALE PLAY (COLLINGWOOD)." As Director of the Michigan Basin Core Research Laboratory since its inception in 1982, Dr. Harrison maintains an ongoing interest in Stratigraphy, Sedimentology and Petroleum Geology of strata in the Michigan Basin. Current research activities are focused on reservoir characterization of old Devonian carbonate oil reservoirs in Michigan, with the principal aim of their redevelopment for additional oil recovery.

VI. Membership Database: Adam Heft discussed distribution of the AIPG-Michigan Section database that has been requested by several advertisers. Adam discussed similar discussions at AIPG-National centering around potential privacy issues. The Section Executive Committee decided not to circulate the membership database.

VII. Newsletter: Ty Black is retiring as assistant newsletter editor. Adam Heft recognized Ty Black for his many years of volunteer newsletter work at AIPG-Michigan Section. Jason Lagowski will make announcement at the AIPG-Michigan Section meeting requesting that another Section member volunteer to serve as Assistant Editor. For 2011, newsletters are scheduled for distribution on: January 14th, 2011, April 15, 2011, June 8th, 2011, and October 14, 2011.

VIII. In-situ Chemical Treatment Training Session: Kevin Lund is coordinating a training session that is tentatively scheduled for June 22-24th, 2011. Kevin will distribute information regarding location and content of the training session in the next several months.

IX. Status of Student Chapters: John Barkach is following up with Wayne State University and Michigan State University with respect to potential AIPG-Michigan Section student chapters.

X. AIPG-Michigan Section Newsflashes: Kevin Lund and Jason Lagowski discussed possibly setting up a newsflashes alert via a Listserve distribution system to notice AIPG-Michigan Section members of

important news, such as the recent passage of the Part 201 amendments.

XI. Next Meeting: The next Executive Committee meeting is scheduled for March 3rd, at Tony M's or Causeway Bay Hotel in Lansing in conjunction with the upcoming Michigan Section meeting.

XII. Adjournment – 5:30 p.m.

2011 Secretary: As the newly elected Secretary to the AIPG Michigan Chapter, I haven't done anything yet and have nothing special to report. However, I look forward to working diligently with the other executive committee members in 2011 and beyond to help keep the AIPG a relevant and viable force in Michigan and to perform my duties to the best of my abilities. I hope to see everybody at all the upcoming Chapter meetings.

Coming Events

February 27 – March 2, 2011: 2011 SME Annual Meeting & Exhibit & CMA 113th National Western Mining Conference, Denver, Colorado. <http://www.smenet.org>.

March 3, 2011: AIPG Section Meeting: "Navigating the Part 201 Amendments: DNRE Staff Provide Guidance On Working With the New Legislation" by Patricia Brandt – Part 201 Specialist – Lansing, Steve Cunningham – Environmental Quality Ordinance Specialist - Cadillac, and Rhonda Klann – Environmental Quality Part 201 BEA Specialist – Bay City.

Location: Causeway Bay Hotel, 6820 South Cedar Street, Lansing.

Dinner: Choice of Chicken Saltimbocca: Baked Chicken Breast layered with Italian Ham and Cheeses & Mushrooms finished with Tomato Basil Sauce, Roast Strip Loin: Whole Roasted Strip Loin sliced English style with Caramelized Bourbon Onions and Mushrooms, or Filet of Whitefish: With Crabmeat Stuffing, Baked and topped with Mornay Sauce.

Schedule: Cash Bar 5:30-6:30 PM, Dinner 6:30 PM, and Speaker 7:30-9:00 PM.

Cost: Students free, Members \$35.00, Non-members \$40.00.

RSVP by February 28, 2011: RSVP to Craig Savage at CSavage13@comcast.net. Please remember to include your meal choice. Notice by e-mail is preferred, and please include AIPG in the subject line. Craig can also be reached at (734) 753-5880.

April 10-13, 2011: American Association of Petroleum Geologists 2011 Annual Convention & Exhibition, Houston, Texas. <http://www.aapg.org/houston2011>.

April 13-14, 2011: AIPG Marcellus Shale Conference, Pittsburgh, Pennsylvania. <http://www.aipg.org>.

April 19-20, 2011: AIPG Georgia Section, 3rd Conference: Innovative Environmental Assessment and Remediation Technology, Kennesaw, Georgia. <http://www.aipg.org>.

May 5-6, 2011: AIPG 3rd Annual Emerging Issues in Water Resources Conference, The Shores Resort and Spa Hotel, Daytona Beach, Florida.
<http://www.aipg.org>.

September 10-13, 2011: AIPG Annual Meeting, Hilton Chicago Indian Lakes Resort, Bloomingdale, Illinois.
<http://www.aipg.org>.

October 9-12, 2011: Geological Society of America Annual Meeting & Exposition, Minneapolis, Minnesota.
<http://www.geosociety.org/meetings/2011>.

Annual Golf Outing

It is not too early to begin planning for our Seventh Annual AIPG Golf Outing. We hope to continue to add to our numbers of golfers and sponsors this year. To do this, we are asking for your help. Please make a point to do your best to spread the word and participate in this event which takes place on May 10, 2011 at the Arthur Hills designed Lyon Oaks Golf Course in Wixom, MI. Also, please pass this information along to your service providers, contractors, and suppliers. This event offers excellent exposure for companies that support and serve our profession.

This event has become a great opportunity to spend time with clients, network with colleagues, and celebrate the return of warm weather to Michigan. This event is open to everybody, so please come and take advantage of the opportunity.

The money raised is put toward the Michigan Section's K-12 educational grant recipients. To insure continued success, please assist us by participating, sponsoring, soliciting sponsors, and/or donating prizes or items. Call Bob Reichenbach at 734-476-5933 or Kevin Lund at 888-417-4440 to register or to offer your time to assist with the event.

The registration and sponsorship form is included in this newsletter and has been posted to the Michigan Section's website <http://mi.aipg.org/>. Click on "Golf Outing". Forms can be faxed to (888) 417-4440. We hope to see you May 10.

Bob Reichenbach, CPG and Kevin Lund, CPG – Michigan Section Golf Outing Co Chairs

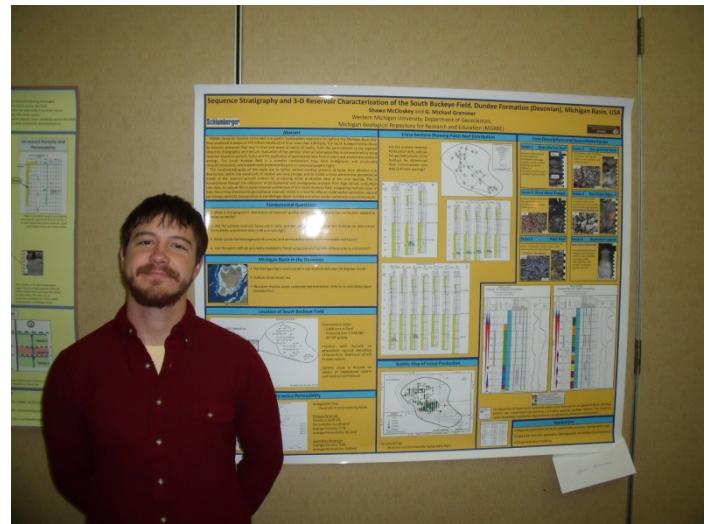
December Section Meeting Summary

The Michigan Section AIPG's annual meeting was held on December 2, 2010 at the Fetzer Center in Kalamazoo. Dr. William B. Harrison III was the featured speaker, and presented his talk on the New Shale Play (Collingwood).



Dr. Harrison presenting his talk on the Collingwood (New Shale Play). Photograph courtesy of Adam Heft.

The meeting was well attended, with about 50 members present, including five students who presented research posters. Following dinner and Dr. Harrison's presentation, the judging of the poster contest was concluded. The winner of the student poster contest for 2010 was Shawn McCloskey of Western Michigan University with his poster titled "Sequence Stratigraphy and 3-D Reservoir Characterization of the South Buckeye Field, Dundee Formation (Devonian), Michigan Basin." Shawn was awarded \$500 to put toward completing his education.



Shawn McCloskey of WMU and his winning poster. Photograph courtesy of Adam Heft.

For the first time in several years, the Michigan Section had more than one candidate for Section Secretary, and a formal election was therefore held. The results of the election for Section Secretary for 2011 were also announced, with Craig Savage winning the position for 2011.

For the national spotlight, I begin my second year as National Secretary with the first National Executive Committee meeting to be held in Tucson, Arizona on

February 11, 2011. Information from this meeting will appear in future editions of this newsletter.

Adam Heft, CPG –Michigan Section Newsletter Editor and 2010-11 National Secretary

Welcome New Members

The Michigan Section is continuing to grow. Please welcome the following new CPGs, members, and students:

David Adler, Nathaniel Hehir, Scott Martin, Mark Theobald.

To each of our new members, the Michigan Section Executive Committee would like to welcome you to our section, and encourage you to attend section meetings and other events. You are also welcome to provide information for the Member's Corner articles.

Change... Change... Change... on the MDNRE Front

On December 14, 2010, Public Act 451, Part 201 was amended. The amendments include changes to definitions, cleanup categories, a schedule to revise the cleanup criteria in 2012, creation of a Response Activity Review Panel, changes to the Groundwater Surface Water pathway, inventory Residential closures, quarterly reporting, addition of No Further Action Reports, quarterly reporting of the number of Response Activity Plans approved and disapproved, quarterly reporting of the number of Baseline Environmental Assessment reports received, elimination of BEA rules, modification to the self-implementation language, and change in timeframes for DNRE review of Response Activity Plans to 150 days.

With all this change, the specific situations that require DNRE approval remain unchanged. The use of site specific criteria, development and use of mixing zone based criteria, use of ordinances, and use of Rule 705(5) and 705(6) provisions for groundwater protection, and in-situ injection all require DNRE approval.

Just to name a few of the changes that may affect how new business is done:

- Definition of Residential Closure – Section 20101(oo) - Means a facility at which the contamination has been addressed in a no further action report that satisfies the limited residential cleanup criteria under section 20120a(1)(c) or the site-specific residential cleanup criteria under sections 20120a(2) and 20120b, that contains land use or resource use restrictions, and that is approved by the

Department or is considered approved by the department under section 20120d.

- The amendments require the establishment of a response activity review panel to advise the Director on technical and scientific disputes, including disputes regarding assessment of risk, concerning response activity plans and no further action reports. The panel will consist of 15 members meeting minimum qualifications as stated in the amendments and appointed by the Director. Anyone interested in participating on the panel should contact Lynelle Marolf at 517-335-1104.
- The rules rescinded include Part 2 (site identification and tracking), Part 6 (Selection of Remedial Action), Part 8 (Site Assessment Model), and portions of Part 9 (BEAs). The rules that were retained include Part 5 (Response Activity), Part 7 (Cleanup Criteria), Portions of Part 9 (BEAs), and Part 10 (Due Care).

More details on the changes will be presented by DNRE Remediation Division staff at the next AIPG Chapter Meeting on March 3, 2010 at the Causeway Bay Hotel in Lansing. See the meeting announcement at the end of the newsletter.

The new version of Part 201 is posted on the Michigan Section website and it can be directly downloaded from the State of Michigan at [http://www.legislature.mi.gov/\(S\(5wchkyu4hxodwnzzzemkxqh\)\)/documents/mcl/pdf/mcl-451-1994-II-7-201.pdf](http://www.legislature.mi.gov/(S(5wchkyu4hxodwnzzzemkxqh))/documents/mcl/pdf/mcl-451-1994-II-7-201.pdf).

On another note of change:

Governor Rick Snyder signed an executive order to divide the MDNRE back into two separate departments. The MDNRE will be abolished on March 13, 2011 and the Department of Natural Resources and Department of Environmental Quality will be re-created. The newly appointed Director of the MDNRE, Dan Wyant, will become director of the DEQ. The governor has indicated that the DNR, DEQ, and Department of Agriculture and Rural Development will be grouped together under the title "Quality of Life" in his newly proposed governmental structure. We will keep our membership updated on progress made on this front too.

Kevin Lund, CPG, MDNRE RD Senior Geologist, Jackson District, and Sara Pearson, CPG, MDNRE RD Senior Geologist, Grand Rapids District

Support our Sponsors!

The Section Executive Committee would like to remind its members to support the companies that are advertisers in the newsletter. Consider working with these companies, and when you speak with

their representatives, let them know that you saw their ad in the Michigan Section newsletter.

In Memoriam...

Glenn Miller of Fowlerville passed away on January 3, 2011. A memorial service was held at the MacDonald Funeral Home, in Howell on Thursday January 6, 2011.



Glenn ran Sterling Drilling Company out of Brighton, a company founded by his father and one of the larger drilling firms in the 1950's in this area. During the 1960's, the business downsized, but Glenn continued it for many years, drilling mostly small residential wells and some monitoring wells. In 2010 Glenn auctioned off all the "old" equipment, but he kept

active focusing on geologic consulting. Glenn was a Life Member of the Michigan Ground Water Association and was a regular participant in their meetings. Glenn was also an active member of the Michigan Section of AIPG, and a regular meeting attendee.

One of our members that knew Glen shared the fact that Glen was formerly an Air Force pilot. For a couple of years Glen held the Air Force record of having more flight time than anyone else in a jet; it was either an F-100 Saber or a P-84 Shooting Star. He volunteered his time to transport jets to rack up the hours when he was not on assignment. It was a competitive thing with some of the pilots.

Glen's business card carried the following slogan: *"One Test Is Worth 1000 Expert Opinions."*

He will be missed...

Newsletter Notice via E-mail

Please be sure that you continue to receive the Section newsletters and other announcements. Submit an updated e-mail address to Adam Heft at heft@pbworld.com. If you move or change places of employment, don't forget to send your new contact information to both the Section and to National. If you are not receiving announcements directly from the editor, it is because your email address is not up to date.

Section Website Reminders

As you may have noticed, the Michigan Section is working on building a database of geologic photographs on our website. We would like to continue building this collection. Please submit your

photographs that you are willing to share to Adam Heft at heft@pbworld.com. Don't forget to include your name and a short explanation of what the photograph depicts. The photographs will be periodically uploaded to the website once several have been received.

You will also note that the Section website now has a history page. Currently it includes information on Douglas Houghton, Michigan's first State Geologist. We will be including information on the Section's officers in the near future. If you have suggestions on other items that should be included on this page, please let a member of the Section Executive Committee know.

Member's Corner

The Member's Corner includes information about the Section's membership. This is your chance to provide information on where you are and what you are doing. Simply send the information to the Editor for inclusion in this section.

No Member's Corner submission was received for this edition of the newsletter.

Employment Opportunities

To serve our members, and provide added value, the Michigan Section Executive Committee has decided to allow ads for employment opportunities to be posted in the Section newsletters. Employment ads will run for one edition unless renewed. There is no cost to our members or sponsors for this service. Send your employment opportunities to the editor.

No employment opportunities were received prior to publication of this issue of the newsletter.

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- (2) VacMaster 1000 (Air Knives)

AIPG – Seventh Annual AIPG Michigan Section Golf Outing

Tuesday May 10, 2011

Sponsor Information

Exclusive Dinner Sponsor- \$1,250

Investment includes:

- 1 foursome
- Signage at club house and lunch area
- Corporate recognition*

Beverage Cart/Oasis Sponsors - \$550 (2)

Investment includes:

- Signage at the club house and on the Beverage Cart.
- Corporate recognition*

Luncheon Sponsors - \$550 (2)

Investment includes:

- Signage at the grill.
- Corporate recognition*

Hole-in-one Sponsors - \$400 (4)

Will have visible exposure on ALL Par 3 Holes.

If a golfer hits a hole-in-one, the prize will be, either \$10,000, a golf vacation or a deluxe set of irons.

Tee Sponsor - \$200

(18) Available

Investment includes:

- Tee box signage
- Corporate recognition*

Skill Sponsors – \$375

Investment includes:

(6) Available

"Longest Drive" "Closest to Pin" awards to Male/female for each.

Putting contest for \$\$, Signage on the hole or putting area, corporate* recognition during the event (includes contest coordination at the turn).

Goodie Bag Sponsor - \$100 plus 144 goodie bag items

*Dinner and Beverage Cart/Oasis Sponsors will receive AIPG membership. All sponsors will be recognized in the Quarterly News letter and on the Michigan Section Web Site through November 2010.

This event is our annual Fund Raiser. The Michigan Section of AIPG Golf fundraiser benefits the Michigan Section's ability to support K-12 education grants and scholarships.

Place: Lyon Oaks Golf Course

<http://www.oakgov.com/parksrec/ppark/lyon.html>

Event: 18-hole Scramble

Date: May 10, 2011 Tuesday

Registration: 8:00 to 9:30 AM

Tee Time: 9:30 AM

Rainout Date: May 12, 2011 (based on course availability).

Includes: Continental Breakfast, green fees, cart, range balls, Lunch on the course, networking opportunities, and PRIME RIB Dinner.

50-50 raffle, and raffle the grand prize HDTV along with other prizes, "\$10,000 Hole in One" Ace, Trips, Putt for \$2,500, men's and women's longest Drive and Closest to pin contests, \$20 gas cards to the four golfers traveling the furthest and goodie bag for all golfers.

**Golfer Sign-up Due:
April 29, 2011**

Registration

Individual = \$130 Team = \$480 (4 players)

Player One: _____

Player Two: _____

Player Three: _____

Player Four: _____

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AIPG – Seventh Annual AIPG Michigan Section Golf Outing

Tuesday May 10, 2011



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- "Up North" feel in southwest Oakland County
- Par-72 championship golf course
- Get in the game faster - play afternoons 12:30 - 3:30 p.m.
- Hardwood forests and wetlands enhance natural golfing experience

- "Nature, Of Course!" interpretive signs along cart paths point out natural features of interest or significance
- Wide fairways enhance playability
- Wetlands and ponds increase challenge of play
- Sand bunkers and freshwater lakes provide a strategic challenge for accomplished golfers
- Multiple tees on every hole make the course playable and enjoyable by all level players
- State of the art practice facility with target greens and sand traps
- Picturesque clubhouse with expansive views of the course accommodates parties of up to 450 for wedding receptions, banquets and educational meetings
- [Lyon Oaks County Park](#)'s day-use area features a 13-acre Dog Park and 2.5 miles of hiking trails
- Day-use park area also includes a picnic shelter, playground and recreational fields
- Trail head and parking for Lake Community Trail

Accolades

- Included in 2008 The Oakland Press' "*Ten to Try This Summer*" listing of Oakland County Public Golf Courses
- Member of *Arthur Hills Golf Trail*, featuring acclaimed Art Hills courses throughout the state
- Garnered a 4.5 star rating by *Golf Digest* 2007 and named the #2 course in Detroit to

play in ESPN's *Sports Travel Golf Course Guide* of the Best Places to Play

- Named #4 in Jeff Lesson's Top 10 Public Golf Courses in southeast Michigan. (Lesson hosts "*Lesson on Golf*" on WXYT and WWJ radio stations)
- Named in 2005 Detroit Free Press *Top 10 Public Courses*

Yardage	GAM Ratings
Black - 6837	Men's Black Tee - 72.7, Slope 137
Blue - 6427	Men's Blue Tee - 70.7, Slope 133
White - 6133	Men's White Tee - 69.3, Slope 131
Gold - 5389	Men's Gold Tee - 65.6, Slope 115
Green - 4525	Women's White Tee - 75.5, Slope 145
	Women's Gold Tee - 70.8, Slope 131
	Women's Green Tee - 66.7, Slope 112



**Michigan Chapter
American Institute of Professional Geologists
MEETING ANNOUNCEMENT**

March 3, 2011

**NAVIGATING THE PART 201 AMENDMENTS: DNRE STAFF PROVIDE
GUIDANCE ON WORKING WITH THE NEW LEGISLATION**

Featured Speakers:

Patricia Brandt – Part 201 Specialist - Lansing

Steve Cunningham – Environmental Quality Ordinance Specialist - Cadillac

Rhonda Klann – Environmental Quality Part 201 BEA Specialist – Bay City

Location: Causeway Bay Hotel, 6820 South Cedar Street, Lansing, MI (Map attached)

Cost: Students Free, Members \$35.00, Non-members \$40.00 Registration is payable at the door by cash or check; however, prepayment is preferred and speeds up the check-in process at the door.
Please note: Cancellations made within 24 hours of the meeting and/or "No Shows" will be charged and expected to pay the registration fee.

Dinner: Choice of Chicken Saltimbocca: Baked Chicken Breast layered with Italian Ham and Cheeses & Mushrooms finished with Tomato Basil Sauce, Roast Strip Loin: Whole Roasted Strip Loin sliced English style with Caramelized Bourbon Onions and Mushrooms, or Filet of Whitefish: With Crabmeat Stuffing, Baked and topped with Mornay Sauce

Time: Cash Bar 5:30-6:30 PM, Dinner 6:30 PM, and Speaker 7:30-8:30 PM

RSVP: Craig Savage, at csavage@gfnet.com no later than February 28, 2011 with your meal choice. Please include AIPG in the subject line. Checks may be mailed to Craig at this address: c/o Gannett Fleming of Michigan, Inc., 17901 Woodland Drive, Suites 900-1000, New Boston, MI 48164. Payment may also be made at the door.

Patty Brandt, Part 201 Specialist, will discuss the major changes that the newly enacted Part 201 amendments will have on the way facilities will be addressed including how the MDNRE RD will be acknowledging BEAs, reviewing Response Actions, issuing No Further Action Letters, and what the department's goals will be in working the facilities.

Steve Cunningham, Environmental Quality Ordinance Specialist, will provide greater detail into the processes and procedures for the new Response Action Plans that the new amendments require. He will describe the voluntary self-implementation process and explain when department involvement and/or approval will be necessary according to the new amendments and existing laws. He will also describe the new No Further Action Report process and situations when a Post Closure Plan and a Post Closure Agreement will be necessary.

Rhonda Klann, Environmental Quality Part 201 BEA Specialist, will discuss the changes to the Baseline Environmental Assessment process that the new amendments bring. She will describe the changes to the timelines, how the new forms should be completed, and how due care is also affected by the new amendments.

This will be a meeting that you won't want to miss. This is your opportunity to hear how the MDNRE RD will be implementing the new regulations and ask questions first hand.

AIPG Section Meeting March 3, 2011



Causeway Bay Hotel and Convention Center

6820 S CEDAR STREET,

LOCAL VIEW



WIDE VIEW



Directions from points North (Mackinac Island and Traverse City)

- Take 27 South South to I96 West (Grand Rapids) Exit. Follow I-96 to Lansing Exit 104 (Cedar Street/Holt) and turn left at the light (Pennsylvania Ave.). Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right..

Directions from points North-East (Flint, Saginaw, Bay City)

- Take 69 West to 127 South to 96 West (Grand Rapids) exit. Take Exit 104 (Cedar Street/Holt) and turn left at the light (Pennsylvania Ave.). Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right.

Directions from points East (Detroit and Canada)

- Take I-96 West to Lansing Exit 104 (Cedar Street/Holt) and turn left at the light. Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right.

Directions from points South (Cleveland, Toledo)

- From Cleveland and Toledo - Take U.S. 23 North to I-96. Go West on I-96 to Lansing Exit 104 (Cedar Street/Holt) and turn left at the light (Pennsylvania Ave.). Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right.

Directions from points South - West (Chicago, Kalamazoo and Battle Creek)

- Take I-94 East to 69 North. Follow 69 North to I-96 East to Exit 104 (Cedar Street/Holt) and turn left at the light (Pennsylvania Ave.). Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right.

Directions from points West (Grand Rapids and Muskegon)

- Take I-96 East to Lansing Exit 104 (Cedar Street/Holt) and turn left at the light (Pennsylvania Ave.). Go through two lights (2 blocks) and at the 3rd light (S. Cedar St.), turn left under the viaduct. Causeway Bay Hotel and Convention Center will be on your right.

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