

**ATTACHMENT 33 – ENBRIDGE INCIDENT BRIEFING NOTES JULY 26 – 28, 2010**

## Bill Burdeau

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**From:** Vincent Kolbuck  
**Sent:** Monday, July 26, 2010 2:42 PM  
**To:** Steve Wuori; Rich Adams; Leon Zupan; Tom Fridel; Bill Burdeau; Brian Black; Mark Willoughby; Mike Goman; CCO Admin; Public Affairs; Chicago Managers and Supervisors; Compliance (US); Environmental Department; Scott Ironside  
**Subject:** Confidential - Line 6B - MP 608 - Emergency Response Update # 1

At 9:45 AM C.D.T. Enbridge field personnel confirmed a leak on line 6B at approximate MP 608. Relative location is South of Marshall, Michigan.

Pipeline is currently shut down with upstream and downstream valves isolated.

Precise cause of the leak currently not known.

Release volume is estimated at 19,500 bbls.

Release has discharged into a tributary creek which flows into the Kalamzoo River. The head of the oil is confirmed to have reached the Kalamzoo River.

The incident command structure has been implemented and Enbridge emergency response crews are attempting to contain the release with river boom and other means.

Enbridge pipeline maintenance crews and internal resources are mobilized as follows:

- Chicago Region PLM – Marshall, Bay City, Griffith (day shift) – Vesper, Fort Atkinson (night shift)
- Superior Region PLM – Thief River Falls, Bemidji, Superior, Ironwood and Escanaba mobilizing with various crew and equipment
- Eastern Region PLM – Sarnia crew mobilizing with crew and equipment
- Chicago Region Support Staff – General Manager, Manager, region engineers, right of way, safety
- Superior Environmental Department – mobilizing internal people and external contract services
- Superior Compliance Department – mobilizing internal people
- Emergency Response Communications Trailer mobilized from Superior.
- Bay West OSRO Response Contacted for potential support services

Pipeline integrity department is looking at possible failure causes.

Houston public relations is aware of the situation

The following external regulatory and Emergency Response agencies have been contacted:

- National Response Center (NRC)
- PHMSA – Kansas City Main Office – Field representatives being mobilized
- US Environmental Protection Agency
- Michigan Department of Environmental Quality
- Calhoun County Emergency Management

Additional information will be communicated as details become available.

Thanks

## Vincent Kolbuck

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**From:** Vincent Kolbuck  
**Sent:** Monday, July 26, 2010 7:49 PM  
**To:** Steve Wuori; Rich Adams; Leon Zupan; Tom Fridel; Bill Burdeau; Brian Black; Mark Willoughby; Mike Goman; CCO Admin; Public Affairs; Chicago Managers and Supervisors; Compliance (US); Environmental Department; Scott Ironside  
**Subject:** Confidential - Line 6B - MP 608 - Emergency Response Update # 2

At 18:00 C.D.T. A Public Officials Briefing was conducted locally near Marshall Michigan.

- Other counties are being notified by county officials
- The Plan is to work 24 hours a day as long as it remains safe to do so
- Recovered products to be taken to Griffith or Stockbridge tank farms
- Water speeds are swift in the Kalamazoo River raising concerns where downstream preventative booms should be placed
- Enbridge is monitoring benzene levels, personal gas monitors will be provided to the police department
- Meeting Scheduled this evening at 9:00 PM local
- Debriefing will be planned for every 3 hours on the hour

Containment efforts continue, a temporary dike and flume arrangement has been secured near the point of origin of the leak stopping transport into the tributary creek.

Updates to continue as information become available.

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**To:** Steve Wuori; Rich Adams; Leon Zupan; Tom Fridel; Bill Burdeau; Brian Black; Mark Willoughby; Mike Goman; CCO Admin; Public Affairs; Chicago Managers and Supervisors; Compliance (US); Environmental Department; Scott Ironside  
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- Eastern Region PLM – Sarnia crew mobilizing with crew and equipment

## Bill Burdeau

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**From:** Steve Sleaver  
**Sent:** Monday, July 26, 2010 11:22 AM  
**To:** Bill Burdeau; Mick Collier; Ben Camp  
**Cc:** Ryan Anderson  
**Subject:** Manpower and Equipment from Fort  
**Attachments:** Steve Sleaver.vcf

Guys,

Just wanted to send a quick note to keep you in the loop for what is coming from Fort Atkinson.

Manpower – 1 equipment operator, 3 pipeliners and 1 PLM Supervisor

Equipment – Gang Truck, Vacuum Truck, Stake bed, PLM Supervisor Pick up, leak trailer, and 1 response boat

Estimated time to arrival in Marshall MI will be 6:00 local time or 7:00 eastern time

We hope to be on the road within the hour if you see the need for anything else please let me know right away.

Steve

## Bill Burdeau

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**From:** Jim Helhowski  
**Sent:** Monday, July 26, 2010 1:12 PM  
**To:** Mike Goman  
**Cc:** Mark Willoughby; Al Aleknavicius; Bruce Larson; Tim Pollock; Martin Feil; Tony Hommerding; Ron Hautamaki; Daniel Peterson; Mike Paradise; Tom Fridel; Bill Burdeau; Vincent Kolbuck  
**Subject:** RE: Superior Region Resources Enroute

Thanks, Mike:

Right now, we need staff to man 2 shifts for each piece of equipment. If we meet that need, we'll be good on the manpower for now.

Jim

James M. Helhowski  
Technical Supervisor  
Enbridge/Vector Pipeline  
1500 West Main Street  
Griffith, IN 46319  
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@enbridge.com

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**From:** Mike Goman  
**Sent:** Monday, July 26, 2010 12:46 PM  
**To:** Tom Fridel; Bill Burdeau; Jim Helhowski; Vincent Kolbuck  
**Cc:** Mark Willoughby; Al Aleknavicius; Bruce Larson; Tim Pollock; Martin Feil; Tony Hommerding; Ron Hautamaki; Daniel Peterson; Mike Paradise  
**Subject:** Superior Region Resources Enroute

The following resources will be heading your way. ETA varies from early tomorrow morning to late tomorrow evening. Ironwood and Escanaba will be closest with Thief River being the furthest.

### Thief River Falls PLM

2 Pipeliners with ER Jet Boat  
More pipeliners available if needed – please advise

### Bemidji PLM

Vac Truck  
Boom Trailer  
Will advise on personnel available

### Superior PLM

Boom Trailer  
Will advise on personnel available

### Ironwood PLM

Vac Truck

1 Ton Pickup w/ Boom Trailer  
2 pipeliners

Escanaba PLM

Vac Truck

Gang Truck w/ Boom Trailer

Pickup w/ 19' boat

3 pipeliners

2 more pipeliners available tomorrow if needed – please advise

## **Bill Burdeau**

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**Sent:** Monday, July 26, 2010 12:46 PM  
**To:** Tom Fridel; Bill Burdeau; Jim Helhowski; Vincent Kolbuck  
**Cc:** Mark Willoughby; Al Aleknavicius; Bruce Larson; Tim Pollock; Martin Feil; Tony Hommerding; Ron Hautamaki; Daniel Peterson; Mike Paradise  
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Will advise on personnel available

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Vac Truck

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2 pipeliners

### Escanaba PLM

Vac Truck

Gang Truck w/ Boom Trailer

Pickup w/ 19' boat

3 pipeliners

2 more pipeliners available tomorrow if needed – please advise

## Bill Burdeau

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**From:** Jim Helhowski  
**Sent:** Monday, July 26, 2010 1:07 PM  
**To:** Tom Fridel; Bill Burdeau; Mick Collier; Rusty Smith; Vincent Kolbuck  
**Subject:** Equipment update

There are 3 tankers and 3 vac trucks enroute from Worth construction. There are 3 tanker trucks enroute from Eisenhardt construction. All have been instructed to report to the Marshall PLM shop for instructions and deployment.

Jim

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Technical Supervisor  
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[jim@enbridge.com](mailto:jim@enbridge.com)



**Bill Burdeau**

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**From:** Jim Helhowski  
**Sent:** Monday, July 26, 2010 1:20 PM  
**To:** Bill Burdeau; Tom Fridel  
**Subject:** Other available equipment.

If needed, I can get (locally) 2 more vac trucks and 6 frac tanks.

Superior indicated they can help with 4-6 welders, 2-3 Manager/supervisor staff (Mark W. and Mike G.) and 2 safety staff (Randy and Lamar) if and when we need them.

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## Bill Burdeau

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**From:** Jim Helhowski  
**Sent:** Monday, July 26, 2010 2:18 PM  
**To:** Tom Fridel; Bill Burdeau  
**Subject:** ETA on resources to Marshall

From Superior – ETA from multiple resources-

Thief River Falls – 2 Pipeliners plus ER Jet boat – Will update on ETA when I receive the report. Won't arrive before tomorrow.  
Bemidji - Vac Truck, Boom Trailer, 2 Pipeliners – Will update on ETA when I receive the report. Won't arrive before tomorrow.  
Superior - Boom Trailer (900' boom), 2 welding trucks, 2 Welders, 2 Helpers, 2 PLM ETA – 10 am eastern time 7/27/10  
Ironwood - Vac truck, Boom Trailer, 2 PLM ETA – Noon eastern time 7/27/10  
Escanaba - Vac Truck, Boom Trailer, 19' boat, 2 pipeliners, 1 equipment operator. ETA 11 – 12 pm eastern time 7/26/10

From Worth - 4 vac trucks – first 2 arriving around 3:30pm eastern time, second 2 arriving around 4pm eastern time, 3 tanker trucks arriving around 6pm eastern time.

From Eisenhardt- 3 tanker trucks – first arriving around 4pm eastern, second around 5 pm eastern, third arriving around 5:30pm eastern.

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**Bill Burdeau**

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**From:** David Hoffman  
**Sent:** Monday, July 26, 2010 2:25 PM  
**To:** Bill Burdeau; Vincent Kolbuck; Joseph Richardson; Mick Collier  
**Cc:** Jay Johnson; David Stafford; Shane Yokom  
**Subject:** FW: Kalamazoo River Hydrograph  
**Attachments:** L6BKalamazooHG.doc

Just trying to get some information into your hands. Is there a contact at the Emergency Response Command Center that we can send this information to for site use.

The attached is a current hydrograph showing current flows of Kalamazoo River just upstream of Marshall Michigan.

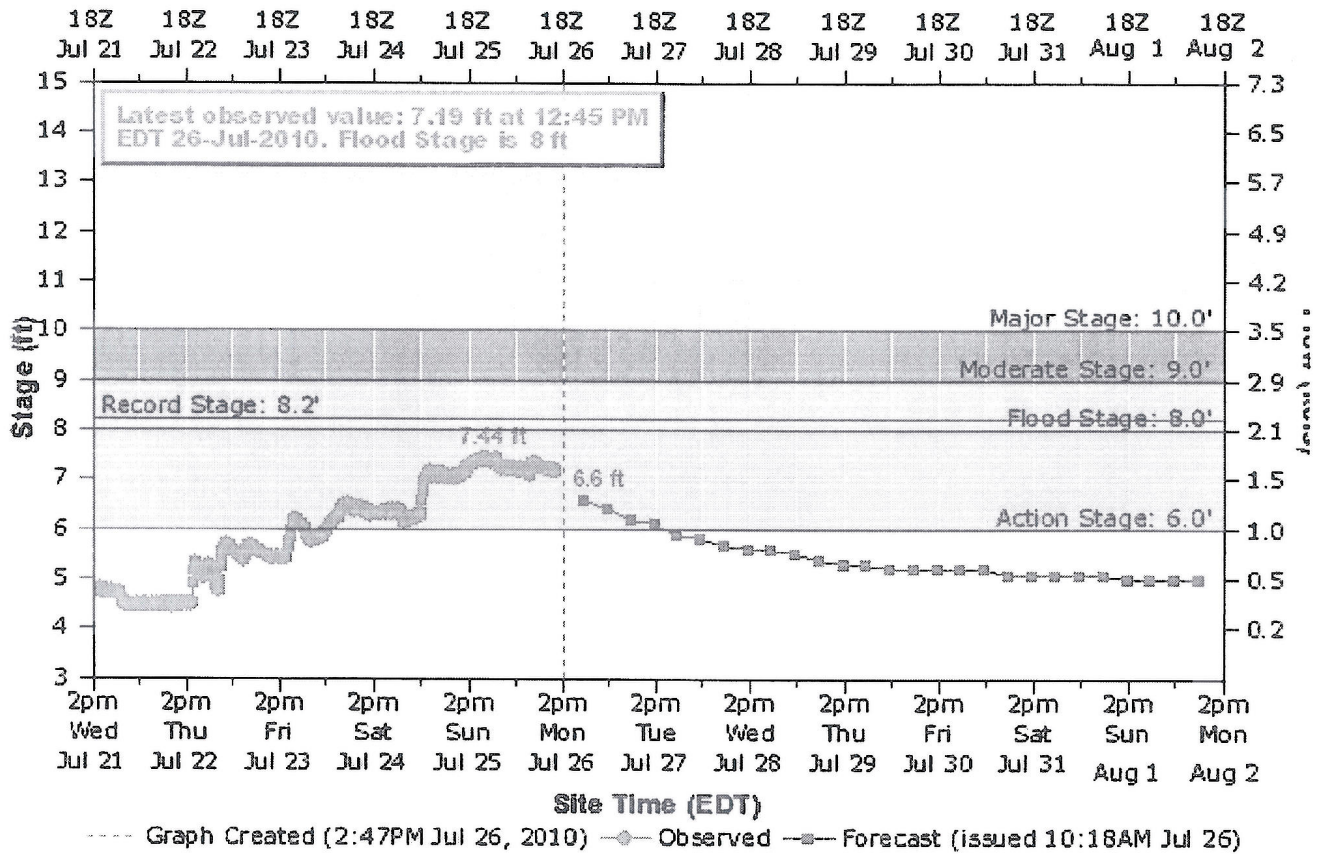
-----Original Message-----

**From:** Barry F. Power, P.E. [mailto: .@nrecompany.com]  
**Sent:** Monday, July 26, 2010 2:02 PM  
**To:** David Hoffman  
**Cc:** @enbridge.com  
**Subject:** Kalamazoo River Hydrograph

the USGS

### KALAMAZOO RIVER AT MARSHALL

Universal Time (UTC)



07/26/10

Line 6B MP 608 Leak

- Lorenzo Reese has sign in sheet
- Several agencies already on site upon arrival (See sign in sheet)
- MSDS were passed out to the local Health and Environmental officials
- 1 family evacuated by Fire Department, Mike Price to take care of them
- Mike Betzel took initial benzene readings
- Mike Price to handle emergency one call ticket #B020714434
- Additional Light Plants coming from Worth Construction and Give em a brake
- Young's environmental being mobilized
- Vince set up SCN
- Line 6B dig crews are being shut down and directed to assist with the clean up
- Additional homes have been evacuated (Mike Price has list) monitoring is ongoing
- Rich Gazecowki will be out tomorrow

Public Officials Briefing

6:00 PM (Local)

07/26/10

- Line was shut down last evening as part of planned shut down
- When the line was planned to restart pressure was not obtained and the upstream and downstream valves were closed off (approx 6:50 AM local time)
- Estimated 19,500 barrels have been released
- SBS needs to be notified of the leak (Complete)
- Other counties are being notified by county officials (Complete)
- The Plan is to work 24 hours a day as long as it remains safe
- Recovered products to be taken to Griffith or Stockbridge tank farms
- Several concerns were raised about the water speeds and how for downstream we are currently set up
- Enbridge is monitoring benzene levels, personal gas monitors will be provided to the police department (Complete)
- Brian Buck to establish hot zone and contact Larry Springer to get a 1-800 number (Complete)
- Meeting Scheduled this evening at 9:00 PM local.
- Debriefing will be planned for every 3 hours on the hour.

9:00 PM (Local)

07/26/10

- Reviewed items from earlier meetings.
- Trucks are currently emptying into frac tanks at the Marshall station.
- Marlin provided an update on the Benzene readings, David will continue to provide updates which will be used to determine if additional evacuation is necessary. The residential neighborhoods need to be the focus for hourly monitoring.
- A hot zone has been established and 50' from the edge of the work zone will be used.
- Bill provided an update on what resources are present and what is coming, it was decided that more frac tanks and vacuum trucks will be necessary.
- Rusty provided an update on the cleanup effort, at the head, 4 flumes have been set up and appear to be collecting about 75% of the oil. A road will be set up tomorrow so that equipment has easier access to the sites.

-Mick provided an update on the boom deployment areas, A drive and 15 mile have boom and vac trucks at them. Wattles Park has about 600 feet of boom deployed along with vac trucks. Linear Park is the next downstream site where boom will be deployed. Access is a problem at several locations. Wattles was the last spot that sheen was noticed.

-Tom Fridel provided an update on the environmental impacts including wildlife. It was recommended that more resources be utilized in this area. Shane Yokum provided an update on the environmental contractors being utilized and what is coming this way. At this time we do not need to be concerned about drinking wells, but it is possible that some farmers utilize water from.

-Signs are being made up and will be placed on the way down to Morrow Lake warning of bodily contact. Health department to complete this.

- The phone number has been set up 1-800-

-A written plan is being worked on and will be ready for the mid-night meeting.

July 27 12:00 AM (Local)

07/27/10

-Benzene levels were collected in the residential area, less than 50 PPB detected at 2 sample points and no LEL. Monitoring will continue through the evening. No additional evacuation necessary.

-Bill Burdeau provided an update on the resources presently being utilized and what we can expect tomorrow.

-The flumes are holding and working well and appear to be improving.

-At Division boom, A drive has boom, 15 mile has boom, Wattles has boom, pulling in boom at Linear Park currently. Frac tanks that are on site are full and tankers will begin to transport crude to Griffith.

-Wildlife contractors will be present in the morning to assist.

-A mobile laboratory will be on site tomorrow to take water samples and how the data is distributed will be worked out.

-Pipeline integrity is evaluating tool runs from the past to assist with a return to service plan.

-Consumers Energy and the rail road have been notified.

-EPA re-iterated that we do not want to get oil past Morrow Lake.

-Around 24 residences have been evacuated as of now.

-No roads are currently closed, but this will be evaluated again in the morning.

-A sampling plan and sight specific needs to be identified. The hot zones will also be marked.

3:00 AM (Local)

07/27/10

- Monitoring in the residential area is continuing, 460 ppm benzene on bridge, pid <4 at homes, dragger <50. Readings at the bridge are expected to increase during the morning. Police are informed that the bridge may be closed, traffic may need to be rerouted.
- There will be 20 additional frac tanks on site in the morning with a capacity between 20,000 and 30,000 gallons
- Oil is continually being sucked up, with 2 or more vac trucks at each site. Will continue to move downstream with additional boom and vac trucks. Boom was removed from Burnum and Riverside because the water was too swift. The boom was moved to Linear parkalong with 2 vac trucks. Boom will be deployed at Morrow lake regardless of oil on site or not.
- May need to consider revising the estimated spill amount, and obtaining an oil water indicator to get a accurate measure oil being retrieved.
- The powerplant has been determined not affected based on location and the railroad operator was informed of the leak.
- The health plan will be prepared by David Lu, it will be template to be filled out at the site.
- There is a minimum of 2 PLM supervisors for each crew. To keep clean-up progressing, additional supervisors are in route to focus on repair.

6:00 AM (Local)

07/27/10

- Monitoring in the residential area resulted in lower benzene levels of 50 < ppm.
- 2 more tankers, 4 vac trucks, 15 frac tanks, and more manpower from consolidated and charps have been added for resources.
- The flume is holding, and there is a crew pulling oil off upstream of the creek. There is still a crew at Division at the culvert, and two vac trucks at 15 ½ mile, moving to A
- The current is very strong at linear park, preventing the boom from being set. Bringing in a "set back", to take oil off water at 20<sup>th</sup> street bridge.
- Augusta is being considered for a boom location in addition to one other location. More boats are on the way that to help set the boom. An additional 23,500' of boom will on site by 9 AM.
- Weather will be monitored during work to ensure worker safety.
- The leading edge of the oil is at the 20<sup>th</sup> street bridge in Battle creek.
- Drinking water samples will be obtained and tested to ensure it is safe.
- Focus Wildlife will arrive at 10 am.



-Terri Larson and Larry will be on site for media contact during the morning.

-15 mile contaminant measurements are not at a point to close the warrants closure, pedestrian traffic will be restricted.

9:00 AM (Local)

07/27/10

-Steve Wuori opened the meeting by thanking the outside agencies for their interest and cooperation thus far.

- Jim Rutherford and Dirk Dunham mentioned that they are activating their EOC which is located in Battle Creek in the Justice Complex. The County and government groups will be located there. In addition Kalamazoo County sending a team and a response trailer to Marshall. The briefing will be moved to the EOC at 161 East Michigan Ave. , Battle Creek, MI.

-Large scale maps are being worked on to allow for referencing of crew/work locations.

-A special focus will be put on the area before the Morrow Lake area.

-The flume setup up near the leak site continues to be a success.

-Air quality continues to be monitored and will continue to be a focus.

-The Wildlife rehabilitation contractor will be on site today to respond to any wild life.

-A county press release will be sent out shortly.

-Enbridge intends to GPS all of the work locations.

-Work on access continues to move forward with road construction at some of these sites.

-Shane Yokum provided an update on the Benzene levels. A vehicle is out continuously monitoring work sites, and neighborhoods.

-The minimum risk levels for benzene is .09.

-CTEH is on site to help with monitoring and provided an update on the services they are going to be providing. They will bring in more monitoring tomorrow for first responders.

-An Enbridge air quality person has been requested at the EOC, in addition air monitoring will be taking place while the wildlife efforts are taking place.

-Several calls are being placed with residents feeling nauseous, they are being instructed to call the 1-800 number. Enbridge has an individual dedicated to responding to the calls, but it was suggested that this structure be looked at and addressed immediately. This will become a joint effort between the County and Enbridge.

-Dave provided an update on the resources that are currently in use.

-Bill Burdeau provided an update on the flume set up near the leak area and noted that this area will continue to be a focus.

-Steve Sleaver mentioned that overnight they installed boom at the 20<sup>th</sup> street bridge, downstream of 20<sup>th</sup> street boom was installed near the boat launch.

-Boom has been deployed at division, 15 1/2 mile rd, A Dr North, Wattles Park, Linear Park by Jackson and 20<sup>th</sup> St., Bedford Rd.

-It was emphasized again that the area upstream of Morrow lake will be a focus.

-For the next meeting, the work sites will be noted on the maps.

-Boom position will be focus today to ensure they are properly utilized.

-Near the Ceresco dam there are some natural collection points that can be utilized. Just downstream of the dam is another area that will be utilized.

-Steve Wuori wanted to emphasize the importance of the safety of everyone involved.

-Sampling plans continue to be put together; a mobile lab is expected on site around 11:00 AM this morning. This sampling will include drinking water samples.

-The EPA requested a specific health and safety plan for this work.

-It has been suggested that discussions with Morrow Lake should begin taking place.

-A press conference will be held today

3:00 PM (Local)

07/27/10

-An update was provided on the boom locations and the resources that are currently at the sites.

-An environmental update was given on the benzene readings and they continue to drop. Moderate to strong odors still exist, but these are not related to VOC's. Some water sampling has taken place, both surface water and drinking wells.

-The benzene badges are coming in tonight for those who want them. More benzene monitors are coming in, as well as chips for the monitors.

-A count will put together for those residents who have been evacuated.

-Several calls still coming to the 1-800 number, concerning health, wild life etc.

-A site safety plan will be in place before any individuals are allowed on the river this evening.

-No safety incidents to date.

-A security person is tending to the media and others who do not have authorization to be in the site.

- A note was made to be cautious of several logs down at the lower end of the river
- More vac trucks to be here tomorrow
- We may have to man a radio if necessary to communicate between command centers.
- Next meeting will be at 7:00 PM (local)

# INCIDENT BRIEFING

## 07/28/10

### 7:00 AM (Local)

- Tom Reminded everyone to focus on their task.
- Meetings will be held 4 times a day, at shift changes, noon and mid-night.
- Several more boom locations identified last evening and have been broken down into divisions.
- Still attempting to get boom pulled at Morrow Lake.
- Teams will be assigned to the divisions and a focus will be put on those areas which includes more deployment and more boom sites.
- Communication will be critical today and a structure will be set up to make this happen.
- Jim Helhowski will be the logistics chief
- The 5 divisions heads will evaluate what resources are necessary at their sites and will reports back to make that happen.
- Safety is to remain a focus when completing job tasks.
- The 5 division heads for the day shift are Marty Fail, Steve Sleaver, Brian Treecus, Ryan Anderson, Bill Palmer
- Security will be at the gate area to sign in visitors and keep unnecessary individuals out of the areas
- Air quality monitoring continues to take place. There 117 real time readings and no benzene was picked up.
- An animal hospital is being constructed and they will begin bringing in animals later today. Jim Snider will be the contact for the wildlife issues.
- The EPA is going to be setting the benzene limits and a discussion will take place later today around this issue.
- The EPA brought up a concern about an area around 15 1/2 mile where some boom was moved.
- The media is starting to move down river, report them to Terri Larsen if there are concerns.
- A community meeting was held last night where information was provided to the public.
- This has moved to the national media and a reminder was provided to keep the media at a safe distance and remain courteous.
- Another press conference will be held today at 10:00 AM (Local)
- Media pocket cards will be made available to all those who require. Terri Larsen reminded everyone to refer all media to one of the public affairs officials for comment.
- An aerial tour will take place this morning to determine where the lead oil edge is located.
- A reminder of the number to call for public information 1-800-
- If necessary, additional individuals will be place on returning these calls
- An EPA order was given to Enbridge that require information to be relayed to them. Bob Steede and Patsy Bolk will work on this to gather information for these requests.
- The unified command plan is still the approach being taken and documentation remains a critical component of this.
- The safety orientations for new contractors is taking place.
- Vehicle safety continues to exist, vehicle parking has become an issue and we need to remain diligent.
- Brian Johnson (Operations Chief) 918-
- Next meeting will be today at noon

# ICS Form 201

<b>INCIDENT BRIEFING</b>	<b>1. Incident Name</b> Marshall Leak	<b>2. Date Prepared</b> 07/28/10	<b>3. Time Prepared</b> 12:00 PM
	<b>4. Map Sketch</b>		
<b>5. Prepared by (Name and Position)</b> Joe Richardson		ICS 201 Page 1 of 4	

## 6. Summary of Current Actions

### 12:00 PM (Local)

- New lay down area established at MCW which is located at the corner division.
- Operations continue as planned and more boom continues to be deployed
- Tom re-emphasized the importance of the 800 number, this will now be staffed 24 hours a day, and a new venue for this is going to be looked at
- Safety continues to be a focus and there have been no issues to date
- A press conference was held this morning and it went well. Another press conference will be held at 7:00 PM
- There has been word that a protest is possible. This will be addressed as necessary.
- Several trucks have off loaded in Griffith which is positive.
- Weather monitoring will take place and if severe conditions are forecasted the crews will be altered. The crews will cab up if they see lightning or hear thunder in their area.
- The call center will be notified of this plan.

7. Current Organization

# ICS Form 201

<b>INCIDENT BRIEFING</b>	1. Incident Name Marshall Leak	2. Date Prepared 07/28/10	3. Time Prepared 7:00 AM
4. Map Sketch			
ICS 201 Page 1 of 4	5. Prepared by (Name and Position) Joe Richardson		





## 6. Summary of Current Actions

### 7:00 AM (Local)

- Tom Reminded everyone to focus on their task.
- Meetings will be held 4 times a day, at shift changes, noon and mid-night.
- Several more boom locations identified last evening and have been broken down into divisions.
- Still attempting to get boom pulled at Morrow Lake.
- Teams will be assigned to the divisions and a focus will be put on those areas which includes more deployment and more boom sites.
- Communication will be critical today and a structure will be set up to make this happen.
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- The unified command plan is still the approach being taken and documentation remains a critical component of this.
- The safety orientations for new contractors is taking place.
- Vehicle safety continues to exist, vehicle parking has become an issue and we need to remain diligent.
- Brian Johnson (Operations Chief) 918-555-5555
- Next meeting will be today at noon

7. Current Organization

## Vincent Kolbuck

---

**From:** Lorenzo Reese Jr.  
**Sent:** Wednesday, July 28, 2010 11:55 PM  
**To:** Rich Adams; Steve Wuori; Bill Burdeau; Tom Fridel; Leon Zupan; CCO Shift Lead; Pat Daniel; Vincent Kolbuck; Joseph Richardson  
**Subject:** 07/29/10 12 AM meeting update(Blackberrys)

The next update will be at the 7 AM transition.

07/29/10 12:00 AM

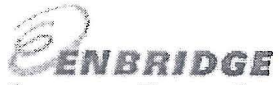
- The fly over showed a lot of progress. A lot of oil has been removed but there is still sheen on the water. Will start doubling the amount of boom out. The transition to cleanup will start tomorrow.
- A risk assessment will be conducted to allow work without full nomex in areas where there is not a lot of oil present.
- The detailed work plan has to be finished by 5pm.
- There should be a formal report for readings out in the field.
- Some animals are being rescued.
- A decon area needs to be set-up. A decon procedure is also being written. There is also a spill plan for the vac trucks.
- The EPA will be assisting with Morrow Lake tomorrow.
- There have been a lot of calls coming in from residents wanting to volunteer. We can determine roles for them to help like fish and wildlife cleaning.
- An Incident action plan will be updated and presented tomorrow and will include our second objective.
- A safety alert will be out tomorrow for Encephalitis tomorrow. Mosquito repellent is being obtained.
- Div A and B still have significant oil collection. There is still oil at C3. At the Div D and E there have only been 200 gals and 100 gals collected. The oil is getting collected before it reaches the sites farther down.
- At the rupture site equipment is being staged and a berm is being built to prevent more oil from getting away once work starts.
- Monitoring will be set up in the community around the leak site once work starts.

07/28/10 7:00 PM

- Rich conducted a review of the incident command chart to establish roles for the new shift
- The Marshall office will be reorganized to have only essential people.
- Div A is the leak site/repair area.
- Div B contains flume site, and tanker unloading/frac site
- Div C contains potential sites to collect but with no adequate access, will be a focus to get roads in
- Div D contains some potential sites and current sites that are being used continually to collect oil and has reduced the amount oil of sheen upstream. As much as 100 barrels and oil an hour were being collected and now down to 8 per hour.
- Div E has sites with sheen, not as much oil. These sites are back up to keep oil under control. New set of boom has been installed at Morrow Lake and there are people at the lake monitoring to alert if oil is seen and keep oil from getting past.
- There will be additional focus on streamlining the process of getting supplies out at reasonable times, and getting work organized.
- No more free oil is entering the river
- The resources are being evaluated every 2 hours to find what is needed in the field.
- The safety performance has been positive, there have been no injuries during cleanup.
- A few reports of workers not working from public, most likely people resting because of heat and taking breaks, be conscious of how you present yourself in the field.
- If camera crews are taking pictures it is fine, make sure they are out of the hazardous area, refer them to Terri Larson for comments.

-Large maps of the work area will be on site by 8pm.

-The minimum safety requirements need to be communicated to all personnel including contractors on sites.



Lorenzo Reese Jr.

Engineer In Training

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## Vincent Kolbuck

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**From:** Lorenzo Reese Jr.  
**Sent:** Wednesday, July 28, 2010 11:55 PM  
**To:** Rich Adams; Steve Wuori; Bill Burdeau; Tom Fridel; Leon Zupan; CCO Shift Lead; Pat Daniel; Vincent Kolbuck; Joseph Richardson  
**Subject:** 07/29/10 12 AM meeting update(Blackberrys)

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07/29/10 12:00 AM

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- Div C contains potential sites to collect but with no adequate access, will be a focus to get roads in
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- Div E has sites with sheen, not as much oil. These sites are back up to keep oil under control. New set of boom has been installed at Morrow Lake and there are people at the lake monitoring to alert if oil is seen and keep oil from getting past.
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