

DRAFT

**Summary of CBM Hydrology Task Group Meeting**

11/21/03

Teleconference Call

(Notes taken by Andy Bobst, BLM-Miles City)

**Participants:**

**I am sure I did not get everyone here, and I did not get all last names and affiliations so if you see some I missed let me know. Also my computer crashed following the meeting so these are just based on what I wrote down, not the notes that Becky was taking during the meeting. Therefore when you see that things are missing let me know and I will add them in. Thanks, Andy**

**Andy Bobst**, BLM-Miles City, MT  
**Becky Makor**, BLM-Miles City, MT  
**Mike McKinley**, BLM-Buffero, WY  
**Paul Beels**, BLM-Buffero, WY  
**Claudette Moore**, Forest Service  
**John Kilpatrick**, USGS-Helena, MT  
**John Lambing**, USGS-Helena, MT  
**Tina Laidlaw**, EPA-Helena, MT  
**Dan Hengel**, WY-DEQ  
**Jason Whiteman**, Northern Cheyenne Tribe  
**Jim Oakleaf**, UW?  
**John Rebar**, National Park Service  
**Don Fisher**, WY-DEQ, Permitting  
**Pedro Ramirez**, Fish and Wildlife Service  
**Paul ?**, BIA

**Proceedings (an agenda is attached):**

0900 – Introductions and start of meeting

Paul Beels has a website for the IAWG, however I can not find it on the internet (Paul?)

CBM Clearinghouse

Want to combine MT-WY CBNG data so that it is geographically displayed and can zoom in/out.

Can all types/agencies data be integrated into shapfiles?

- It can, however consistent data standards would need to be developed, and funding provided to create and update the shape files.
- BLM-WY SO is working to get similar information together. Working with Rick Marvel (WY-O&G) to get data dumps now.
- Paul Beels will check on the data that Rick is getting together

We will need to make the format of data part of the monitoring plans that we develop. The database parameters will need to be set

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Need to develop work plans and monitoring plans with costs figured out and completion dates set.

Data sources/Information:

- NPDES monitoring reports (MT and WY DEQs)
- Regional USGS Monitoring Data
- Head and Water Quality information from deep wells (bedrock) (MT&WY-BLM; Northern Cheyenne)
  - Northern Cheyenne info is currently in the USGS website (<http://waterdata.usgs.gov/mt/nwis/gwsi>)
- Infiltration Basin Monitoring
  - On and Off Channel
  - Flumes to determine conveyance loss

Monitoring Plans will need to address monitoring reports for evaluation of the data collected.

Andy Bobst requested that a summary the monitoring being conducted by all agencies be sent to him to collate.

Need to get State O&G and Engineers Offices involved.

Monitoring Plans should be broken out by watershed and by scale.

**These are my interpretation of examples about what we discussed (ALB)**

- i.e. Tongue River Regional Surface Water Monitoring Plan
- Infiltration Basin Monitoring Plan
- Powder River Regional Surface Water Monitoring Plan
- MT-WY Powder River Basin Bedrock Groundwater Monitoring Plan
- Tongue River Alluvium Monitoring Plan
- Powder River Alluvium Monitoring Plan
- Rosebud Creek Surface Water Monitoring Plan (MT only)
- Ect.

Need to develop the monitoring plans with a description of the type of information to be collected on a site specific basis. Also consider 4<sup>th</sup> and 5<sup>th</sup> order watersheds.

Use the EIS setup as a template for the monitoring plans:

Major Tribs...

Andy Bobst will put together an outline of what the monitoring plans will look like. Probably will start with Tongue River Surface Water Monitoring Plan.

### Resolving Permitting problems

We should request the IAWG to add a task to the Hydro Working Group to “Serve as a forum for the resolution of permitting/process related problems.”

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Most of this resolution will take place in state specific groups since there is little overlap. Small groups of effected agency reps to resolve specific issues.

The next meeting is scheduled for 1/15/04 at 9am via Teleconferance. Andy will set up the bridge again.

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## Agenda

CBNG Interagency Hydrology Task Group

Friday, November 21st, 2003

Teleconference

Bridge #: 406-896-5333

Pass Code: 0852

9am Introductions

CBNG Database Options

Where will the info live?

Can it live in many places and just be accessed by a central site?

What data needs to be included?

Groundwater Data

Regional (Head, WQ)

In CBNG fields

In conjunction with infiltration

Channels

Basins

Surface Water Data (Q, WQ, Aquatics/Biological)

Groundwater Monitoring

What is there in both states?

What is planned?

What else (if anything) is needed?

Write up Groundwater Monitoring Plan?

Surface Water Monitoring

Adopt USGS Powder/Tongue Plan?

What is there in both states?

What is planned?

What else (if anything) is needed?

Write up Surface Water Monitoring Plan?

Discuss any interagency process problems at the staff level and attempt to resolve, suggest resolution to next level for discussion if needed.

Order of events for all permitting (404, 401, APDs, Basins ...)

Track what is going on in WY for watersheds that flow into MT such that cumulative analysis can occur.

Other

Other topics as needed

Determine next meeting venue, time, and topics.

12 Noon - Meeting Closeout – End of Bridge Reservation