

Chemical Vapor Solutions Team Meeting Minutes

Date: March 22, 2017
Time: 2:00 p.m. – 4:00 p.m.
Location: 2704HV / CR G206
CVST email: ^WRPS CVST

Voting Members	Primary	Alternate
Management Rep (co-chair)	Joel Hebdon*	Ken Way*
WRPS HAMTC Safety (co-chair)	Lou Alcalá*	Rick Ennis*
Industrial Hygienist	Robert Campbell*	Jim Ilar*
Operations	Grant Bachaud*	Monica Kembel*
Chief Technology Office	Jason Vitali	Ron Calmus
222-S Operations	Sandy Alexander*	Paul Gassman
Engineering	Dan Baide*	Troy Farris*
HPT	Steve Ellingson*	Dave Campbell
IHT	Steve Liston*	Dave Bohlman*
Electrician or Instrument Tech	Ben Wutzke	Kraig Groenig*
Operator	John Airoidi*	Steve Stamper
Pipefitter or Mechanical	Scott Pearson	Jim Millbauer
Ex-officio/ Non-voting members	Primary	Alternate
Senior management sponsor	Rob Gregory*	Rob Cantwell*
CVST Administrator	Lisa Escalera*	Amber Henes
Communications	John Britton	Mark McKenna
HPMC	Dr. Sandy Rock*	
Visitors	Visitors	Visitors
James J. Lynch – ORP	Larry D. Romine - NWNDS	Peter J. Bengtson
Mark E. Whitten – CHPRC	Emily J. Millikin - NWNDS	Don M. Slaugh
Thomas R. Nicholas	David M. Gutowski - DNFSB	Roy (Pete) D. Graham
Kenneth W. Gray – MSA	Richard A. Parthree – AMEC	Gavin R. Lindsey
Brian A. Johnson	Joseph E. Meacham	Daniel E. Wolf
Mark T. Lutz	Jeff A. Peterson	Jim Geary
Nicholas N. Holland – CSCOM	Brian W. Ivey	John J. Jeskey – MSA
John G. Peoples	Denise M. Mellene	Michael M. Gallagher
Arnold R. Ferguson	Traci A. Snyder	Adrienne L. King
Josef (Andy) Britt – CTEH	Steven J. Maki – INDEY	Steve C. White
James L. Foster	Chris S. Holst	Donald P. MacKay

The Chemical Vapor Solutions Team (CVST) met on March 22, 2017. The above attendee list identifies CVST voting members, delegates, support staff, presenters, and guests in attendance. The meeting began with a safety topic.

Greeting – There will be video recording of today’s CVST. This is just a trial pilot to see if this is an opportunity as a new tool to share communications.

Safety Item – Hebdon

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- See presentation slides.
- Lesson learned: Excavation, trenching and accidents. Failure to secure shoring. 1 cubic yard of soil weighs about a ton. Be safe.

Vapor Overview/Update – Rob Gregory, COO

- Great agenda ahead.
- Survey, please take the time and be honest so it will be effective.
- Waste transfer coming up.
- Nothing new with litigation, sort of on pause as we work through litigation.
 - April 20-21 in Seattle possibly continue into May.
- Phase II comprehensive plan, DOE has given us a NTE \$25M, we need to provide our detailed scope and cost. This will take us through FY18. We have had several reports from 3rd parties that have helped us develop our plan for the near future.
- Next phase of data collection from samples
 - VMDS in AP farm racks up a lot of data from stack and mobile lab.
 - New challenge is getting better at sorting through all of the data.
- Mega Report, what is the analysis and strategic objective?
 - Thus has evolved into three (3) reports. Mega now just the high level what we found, 2nd is comprehensive, 3rd is the foundation of DOE report. Just waiting on final approval from DOE.
 - Became cumbersome so it evolved to the three reports.

FFAPR and SCBA concurrently in the farm / Update on the APR implementation – Rob Cantwell, ESH&Q Manager

- See presentation slides.
- Rounds in the morning with personal monitoring on each individual.
- Planning on Seg 1 job
 - Stack monitoring, requires a lot of entries to VCZ.
- About 7-8:30am is when they would be in the farms.
- Looking at additional options to minimize entries.
- Qtn: Modeling was performed for fencing can it be done to move VCZ?
 - A: You don't need a VCZ based on data. We need to make sure we are moving at a deliberate pace.
- There is a lot of emotion regarding the move to APR, HAMTC has voted not to move to APR until the 3rd party review has come back.
- CPWR will be back next week. They are very supportive and working for the union (HAMTC). They are just going to be doing a follow up with a plan to discuss reports with PNNL as well as go out on site to see how things are going as far as implementation.
- They will then be back six (6) weeks later to take a look at the samples in order to make final determination.
- Roll-out in mid-April, R&R in SY farm. Cartridge testing came back at about 16 hour break-through.

CPPO Vapors Communications Survey Presentation – Denise Mellene, CPPO

- See presentation slides.
- Be on the lookout for the Notebook.
- Workers in Construction will also be receiving the survey.
- Make an announcement about the Notebooks, if people don't know, they won't use it.

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- There will be summary of results for each question.

Upcoming Waste Transfer – Mark Lutz, Shift Operations Manager

- See presentation slides.
- AN-101 to AN-106 weekend of April 8-9 on backshift.
- AP-105 Recirculation will run for about one (1) hour with flush, April 21.
- See slide for location of Exhauster, reader boards, AreaRae, etc.
- All employee communication goes out including MSA
- Qtn: Are we updating the TVIS sheets?

Evaporator Campaigns Under MOA – Jim Foster, ETF Area Manager and Brian Johnson

- See presentation slides.
- AW-102 Air Lift Circulator (ALC) Operation, plan is sometime in April or just prior to evaporator campaign. We had come to CVST about eight (8) months ago and presented but then we were put on hold.
- Will probably take eight (8) hours maybe longer depending on how long it takes to set up equipment and pull samples.
- Q: Are we looking for ozone?
 - A: We have not detected, draeger tubes were pulled from the stack.
- In 102AW there are two (2) circulators, volume is low enough we will be operating the 16 inch.
- 242-A Campaigns (EC-6, AW-106 to AW-102 & EC-7).
- About two (2) weeks of testing, see **handout for details**.
- There will be a lot of testing activities only because timing works well.
- Modifying software for ammonia equipment for evaluation by vendor.
- Some changes include IH routines.
- We are including retrieval on back-shift.
- Note restricted access to 242-A rooftop.

Sub-Teams

Chemical Cartridge Testing – Ganapathy

- ABSENT
- Robert Campbell filling in to invite everyone for the next meeting April 4.
- Eight (8) locations set aside in 2017, we are working with 3rd party, we may have redundancies but willing to do what it takes.
- Lots of thinking going on how to improve

New Technology – Calmus

- ABSENT

Communications – Bengtson

- Notice video by Grant Monrean, we will bring a sample to the next meeting so that we can take a vote to recap & highlight CVST.
- Please join our sub-team meeting.

Reviewed Action Items

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WRPS-CVST-2016-0029: Investigate expanding capability of existing 242-A ammonia monitor to detect other vapor UVDOAS.

Actionee: Jim Geary

- Contract with vendor and on schedule.

WRPS-CVST-2016-0030: Evaluate personal summa canisters.

Actionee: Stoner/Snyder

- 03/22 – procedure is ready to turn over to programs and ready. CLOSE?

#2017 – TBD Investigate if there is a process to control moving a boundary. (Mr. Cantwell/D. Langston)

- We are working to formalize this process.

#2017 – TBD Review instruments to take higher level ammonia samples. (Mr. Cantwell/K. Way)

- We have instruments such as the draeger tube.
- We are looking for instrument for higher level readings vs multiRaePro.
- We currently do have the capability but we can look at what else is on the market.

NEW Action Items

Dan Wolf to take action to evaluate the need to update TVIS sheet for transfer of waste, collect additional data, or not necessary.

CVST MEETING DOCUMENTATION:

1. CVST Agenda
2. CVST Attendance Roster
3. CVST Meeting Minutes
4. CVST Presentations and associated reports or handouts