

US EPA ARCHIVE DOCUMENT

IP COLLABORATIVE TEAM XL -2 BMP PROJECT
MEETING NOTES
September 13, 2000

ATTENDEES: Sarah Anderson, Marc Cone & Sterling Pierce from DEP, Delance White & Shilo Ring from Town of Jay, Doug Barton-NCASI, Chris Rascher, George Frantz Mark Perez & Neil McCubbin from EPA, Joe Genco, Adriaan VanHeiningen & Marquita Hill from UMO, Steve Groves, Doug Johnson, Nehl Hanson, Rich Mason, Curt Treadwell, Phil Sekerak & Jeff Pike from IP

The meeting began at approximately 10:15 a.m.

✓ Steve Groves remarks on Turpentine Recovery - Put forth the question, why are we doing this? We need to review all alternatives as a team to reduce HAPS. Reported that he met with Marc Cone and Sarah Anderson to discuss the environmental benefits and to assure DEP that we are not asking for any type of waiver to our license. Would like them to be part of the team in implementing environmental project benefits .

♦ **Report on COD Sampling** - Phil Sekerak reviewed COD sampling project on final effluent quality. Phil discussed the millwide color sample study and showed the large discrepancy between COD/BOD. He emphasized that the sampling was only a three day study and the samples were sent to Acheron Labs (independent lab) in Newport for testing. Losses of fiber in the paper mill thought to be 30% vs. 60-70% in reality were discovered as a result of this study. This spin off benefit will result in cost savings that will be presented to the lead team.

MACT I Andro Overview Hard Pipe - Curt Treadwell - Timeline established to proceed with hard pipe.

- Must get approval from EPA/DEP by October 2000 for Spring 2001 implementation approval from Corporate. Discovered that this could not happen in the time frame discussed.
- Chris Rascher would like the DEP involved with project unless they need Federal Regulators involvement for interpretations.
- Marc Cone wants answers from existing pipe approval as soon as possible before proceeding.
- The Tech Team will draft letter for project to DEP.
- Cost out turpentine.

Comments from UMO Team - Comments on COD Balance -

- Joe Genco praised the quality of work being done by the mill Tech Team.
 - COD minus BOD shows that the paper mill supplies 2/3 of the persistent material.
 - Approximately 80% is broken down in the waste treatment system.
 - Can COD Criteria Be Achieved?
 - ✓ COD to sewer averages 520,000 lb/day
 - ✓ Mill has implemented about 4% of the total COD released at the source
 - ✓ Conclusion. By focusing on the pulp mill the COD goal will not be achieved
 - Black Liquor versus Paper Machine Organics

- ✓ Toxicity. Black Liquor has much higher toxicity than the paper machine organics
- ✓ COD Release. Paper machine organics are recalcitrant and dominate the COD release, but they are generally inert to the aquatic life in the river
- ✓ Monitoring.
- ↪ Pulp Mill Sewers. COD resulting from black liquor can only be monitored at the pulp mill sewer.
- ↪ End of Pipe. Color and toxicity resulting from black liquor might be monitored in the treated waste water.

- What to do?
 - ◆ Alternative No. 1 - Stay with stated agreement
 - ◆ Alternative No. 2 - Move to toxicity standard
 - ◆ Alternative No. 3 - Change the system boundaries

Focus of next meeting -

- ✓ What do we want to spend our \$ on?
- ✓ Decide on project
- ✓ Letter from DEP status
- ✓ Team requested technical direction to present progress on paper machine COD removal

Next Meeting: **Monday, October 16, 2000
10:00 A.M.
Conference Room "C"
Environmental Building**