

US EPA ARCHIVE DOCUMENT

**XL Technical Team Meeting
January 17, 2001**

Attendees: George Franz, Jeff Pike, Adriaan VanHeiningen, Joe Genco, Curt Treadwell, John Cronin, Phil Sekerak

Agenda:

UMO Report Summary – Adriaan reviewed report. The report quantified the relative contributions from the different unit operations in the pulp/power areas. This analysis was then used to identify the optimum areas for COD reductions. Conclusion was that the greatest opportunity was in condensate stripping and turpentine.

Discussed washing efficiency, not included in the report. Estimates based on previous studies are 9 kg/ton going to bleach plant.

Action: Run more COD tests on deckers to evaluate opportunity for reduction.

Get an idea on what is a good carryover number.

Discussed the ongoing issues around the impact of the paper mill.

Began brainstorming on potential future projects:

<u>Project</u>	<u>Issue/Risk/Benefit</u>
Separator/demister	save 2MM#/yr – Potential for turp. \$\$\$
Turpentine	\$\$\$\$\$
Press roll-#2BSW,deckers	
Decker dilution balance	
Replace endplate on diffuser center shaft.	
Wash screens	reduced extraction when dig hangs
Sewer monitoring	
B extraction screens	quantify improvement
B decker temp increase	quantify improvement

Action: Curt call Georgetown to discuss their experience with a separator.

Reviewed color tests. This data is an indication of paper machine impact on color. Confirms potential impact on effluent color. Also, the pulp/power data is much more consistent than the paper mill.

Action: Continue to do random color tests to build baseline.

Discussed testing color, COD and toxicity, in the associated sewer, for one week prior to any project to determine impact of that project.

Include color in next millwide COD study.

Toxicity testing will be done in February. Potential to run a few extra tests.

Action: Have tests run on A and B general sewers prior to project implementation.

Action: Get toxicity information from NCASI.

Question: Should this testing be done exclusively by an outside agency to maintain validity.

Need to clearly document learnings and methodologies to help fulfill transferability.
COD and color are not a good indication of toxicity and pulping liquor containment. Keep things clear and transparent.

For the collaborative team:

1. UMO to review their report including washing opportunity
2. Plans on COD carryover testing
3. Review color test results
4. Plans on ongoing color testing
5. Testing plan to verify project success
6. Project status
7. Review future project list
8. Review list of projects in progress external to XL – results
9. Review XL master schedule