CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2014
DateRun:	10/02/2014
Experimenters:	Junhee Cho, Carla De La Cruz
ClientType:	Cleaner Manufacturer
ProjectNumber:	Project #1
Substrates:	Wood
PartType:	Coupon
Contaminants:	Dirt
Cleaning Methods:	Manual Wipe
Analytical Methods:	Visual
Purpose:	To evaluate supplied products' efficiency in cleaning an array of surfaces

Experimental Procedure:

Supplied products were used according to the directions on the respective box. Three supplied cleaners and water were used. For this test, an already dirty section of the table was taped was taped off into three 12"x12" sections (for each solution), cleaned and then analyzed to determine how clean it was after the use of the erasers. The table was cleaned in the following fashion:

1. An eraser was taken and depending on whether it was an Eco eraser or a conventional one it was soaked in water for five to ten seconds (the Eco eraser did not need the addition of water).
2. A subsection of the section was then scrubbed for twenty seconds using gentle circular motions.
3. The entire section was then scrubbed for two minutes, using the same gentle circular motions.

Preparation of Erasers:
Two of the erasers, the Magic Eraser, and the Eraser Pads were soaked in water for five seconds and then squeezed to get rid of excess water. The Eco Eraser did not require any preparation but had to be rinsed after each use.

Chemistries Evaluated: Water; Eco Eraser; Magic Eraser; Eraser Pads

Results:

The table section designated for the Eco Eraser did best in the testing. The section cleaned with the Eraser Pads cleaned next best, and the least clean section was that for the Magic Eraser.

The table lists the cleaners and the degree to which the floor was evaluated to have been cleaned.
Cleanliness observations

Scale: 100%=completely clean 0%=still dirty

Cleaner	Cleanliness (20 seconds)	Cleanliness(2 minutes)	Avg. Cleanliness
Eco Erase	90%	95%	93%
Magic Eraser	80%	70%	75%
Eraser Pads	80%	80%	80%

Summary:

Substrates:	Wood				
Contaminants:	Dirt				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
A & C Green Cleaner LLC	A & C Eraser	100	93.00	☑	
Mr Clean	Mr Clean Magic Eraser	100	75.00	☐	

Conclusion:

The Eco Erasers worked best at cleaning the tabletop surface.