

Rear Porch

Fourth Paint Analysis
Point Pinos Lighthouse
Pacific Grove, California
March 4, 2013

On Thursday, February 28, 2013 David Arbogast, architectural conservator, of Davenport, Iowa, received a set of five paint samples from William Peake of Pacific Grove, California. The samples were collected from the rear porch of the Point Pinos Lighthouse in Pacific Grove by him on February 19, 2013 and were submitted for analysis to determine their historic colors. Prior to this a set of nine samples was analyzed on July 15, 2012 from the lighthouse followed by a second set of six samples on October 19 and a third set of samples on February 4, 2013. The reader is advised to consult the prior analyses in conjunction with this one.

Analysis of the paint samples was completed on Monday, March 4. Analysis was conducted using the same methodology employed in the previous analyses. The samples were collected in manila coin envelopes with pertinent identification information written on the faces of the envelopes. As with the previous samples, these ranged from challenging to excellent in condition. Numbering follows that of the previous analysis. The results obtained, are as follow:

Sample 21	Munsell
White	N 9.5/
White	N 9.5/
Tan	10YR 7/5
Black stain	N 1.5/

Sample 21 was collected from the window frame. Beneath a pair of stark white and a tan layer the wood was stained black. Black was a very popular color for window sash, although not the frames around the sash, in the early decades of the twentieth century.

Sample 22	Munsell
Maroon	10R 3/4
Gray	5Y 5/1
Light brown	10YR 6/4
Light brown	10YR 6/4

Sample 22 was removed from the floor. The four surviving layers were quite distinct. Gray and light brown are typical colors used on porch floors.

Sample 23	Munsell
Tan	10YR 8/4
Ochre	10YR 7/8
Tan	10YR 7/5
Tan	10YR 7/5
Tan	10YR 7/5
Gray	N 5.0/
Gray	N 5.5/
Gray	N 6.0/
Gray	N 5.5/
Gray	N 5.5/
White	5Y 9/1
Brown	10YR 5/4

top cellar stairway entrance

Sample 23 came from ^{the} ~~the west wall~~. Its quality was outstanding with clearly discernible layers. The oldest brown layer was extremely thin and probably served as a prime coat for a finish coat of white.

Sample 24	Munsell
Green	10GY 6/4
Green	10GY 6/4
Golden varnish	-----
Paper	-----

Sample 24 was taken from ^{west wall} ~~the top of the cellar stairwell entrance~~. Atop a paper substrate was a thick layer of golden varnish not unlike that observed in sample 16 of the previous analysis. Above the varnish was a pair of green paint layers.

Sample 25	Munsell
White	N 9.5/
Maroon	10R 3/4
Maroon	10R 3/4
Gray	N 5.0/
Dark gray	N 3.5/
Gray	N 5.5/
Gray	N 5.5/
White	5Y 9/1
Brown	10YR 5/4

Sample 25 was obtained from the cellar stairwell wall. It bore some similarities to sample 23, which also came from a wall. There was complete delamination between the older maroon layer and the gray layer of paint beneath it. The oldest gray layers were identical as well as the oldest white and brown layers. Again, the brown layer was quite thin and may have served as a prime coat for the finish coat of white.