APPENDIX A

Qualifications of the Arborist

QUALIFICATIONS OF THE ARBORIST

I. EDUCATION AND PROFESSIONAL LICENSES

UNIVERSITY OF CALIFORNIA AT BERKELEY

Doctor of Jurisprudence, Boalt Hall School of Law, 1981

Master of Social Welfare, School of Social Welfare, 1981

Bachelor of Arts, School of Psychology and School of Social Welfare, 1976

ASCA Registered Consulting Arborist #362

California Attorney at Law #108156

Certified Arborist #WE-130A

California State Contractor #679621

ISA Tree Risk Assessment Qualified

In 1984 I became a Certified Arborist and in 1995 I became a Registered Consulting Arborist. These designations together require examinations, hundreds of hours of qualifying and continuing education requirements in arboriculture, and peer evaluation of professional reports. I have also been an active member of the State Bar of California for over 25 years and have completed courses in alternative dispute resolution through the Center for Law and Mediation and the University of California at Berkeley. I do not maintain a law practice, but I am often retained as a consulting arborist in the resolution of tree-related controversies.

I have 15 years of experience climbing, pruning, restoring, and removing trees, and 17 years of experience providing consulting services in connection with tree health and risk assessment, tree species selection, appraisal of tree value, tree preservation for land development, forensic examinations, and resolution of tree-related disputes.

I have given arboricultural presentations at about 50 local, state, regional, and national arboricultural and forestry conferences.

I have been admitted in court as an arboricultural expert in six California counties and have testified at trial about 35 times.

I have engaged in many hundreds of arboricultural consultations and investigations. Several dozen assignments included evaluation of coast redwoods for health and structural stability, including evaluation of root systems and tree responses to root disturbance.

More than 10 years ago I was retained by Sanctuary Forest, a forest preservation association, to examine Luna, a renowned old-growth redwood in Humboldt County that had been severely vandalized. This assignment required a deep review of the literature of old-growth redwoods, including structural stability, moisture dynamics, and species response to severe trunk destruction and root severance. The tree was successfully braced and cabled by a team of arborists, foresters, and forest ecologists. I have continued to visit the site to evaluate Luna's resilience and have stayed current with research on redwood resilience.

I am a past president of the American Society of Consulting Arborists (ASCA) and have served on the faculty of the national ASCA Consulting Academy for the past 12 years, teaching such subjects as Forensic Arboriculture and The Role of the Consultant in Dispute Resolution.

II. ROLE

In May 2009 I was contacted by Land Projects Manager Christine Ambrose and retained by the Save-the-Redwoods League as a consultant to evaluate this project's potential for detrimental effects on old-growth redwoods.

In October 2010 I was contacted by Caltrans Project Manager Kim Floyd and retained by Caltrans to consult further about the project and about old-growth redwoods.

In September 2011 I was contacted by Caltrans attorney Janet Wong and retained by Caltrans to serve as a consultant and expert witness.

In August 2012 I was contacted by Caltrans Project Manager Kim Floyd and retained by AECOM to consult further about the project and about old-growth redwoods.

III. SITE AND DOCUMENT REVIEW

When I was initially retained by the Save-the-Redwoods League, I reviewed the Draft Environmental Impact Report (DEIR). In May 2009 I met with a group at Richardson Grove State Park to question Caltrans personnel about materials, techniques, and possible effects on old-growth redwoods. The Caltrans staff reviewed project plans, alternatives, fill composition, culvert repair, and mitigation measures. I did not measure and map each tree because tree diameters and locations had already been established by surveyors.

When I was retained as a consultant by Caltrans in October 2010, I examined the Final Environmental Impact Report, reviewed comments and answers, and met on site with the project manager and project engineer for further review of project plans.

When I was retained as an expert witness for this litigation in September 2011, I conducted additional field visits, and reviewed technical articles, project documents, and legal documents.

When I was retained as a consultant for this project in February 2013, I conducted additional field visits with the project manager, project biologist, and project engineers, and reviewed technical articles, Caltrans documents, and legal documents.