



ERIC GARCETTI
MAYOR

August 14, 2020

Honorable Members of the City Council
c/o City Clerk
City Hall, Room 395

Honorable Members:

Subject to your confirmation, I have reappointed Mr. Cris Liban to the Board of Transportation Commissioners for the term ending June 30, 2025. Mr. Liban's current term expired on June 30, 2020.

I certify that in my opinion Mr. Liban is qualified for the work that will devolve upon him, and that I make the appointment solely in the interest of the City.

Sincerely,

A handwritten signature in blue ink, appearing to read 'E. Garcetti', with a horizontal line extending to the right.

ERIC GARCETTI
Mayor

EG:dlg

Attachment

COMMISSION APPOINTMENT FORM

Name: Cris Liban
Commission: Board of Transportation Commissioners
End of Term: 6/30/2025

Appointee Information

1. **Race/ethnicity:** Asian Pacific Islander
2. **Gender:** Male
3. **Council district and neighborhood of residence:** 11 - West Los Angeles
4. **Are you a registered voter?** Yes
5. **Prior commission experience:** Board of Transportation Commissioners
6. **Highest level of education completed:** D.Env., University of California, Los Angeles
7. **Occupation/profession:** Chief Sustainability Officer
8. **Experience(s) that qualifies person for appointment:** See attached resume
9. **Purpose of this appointment:** Reappointment
10. **Current composition of the commission:**

| Commissioner | APC | CD | Ethnicity | Gender | Term End |
|-----------------|--------------|----|------------------------|--------|-----------|
| Jones, John III | South | 15 | African American | M | 30-Jun-22 |
| Eisenberg, Eric | Harbor | 15 | Caucasian | M | 30-Jun-23 |
| Choi, Donna | East LA | 14 | Caucasian | F | 30-Jun-21 |
| Liban, Cris | West LA | 11 | Asian Pacific Islander | M | 30-Jun-20 |
| Ly, John | South Valley | 2 | Asian Pacific Islander | M | 30-Jun-23 |
| Ortega, Jazmin | East LA | 14 | Latina | F | 30-Jun-22 |
| Tejada, Sheila | Central | 4 | Latina | F | 30-Jun-24 |

Dr. Emmanuel CB (Cris) Liban, P.E., ENV SP
Fellow, American Society of Civil Engineers

EDUCATION:

| | |
|--|---|
| Environmental Science and Engineering | Doctorate (D.Env.), <i>University of California, Los Angeles (UCLA), 2003</i> |
| Civil Engineering | M.S.Eng., <i>Loyola Marymount University, 1993</i> |
| Civil and Environmental Engineering | Graduate Studies, <i>George Washington University, 1992</i> |
| Geology | B.S. (magna cum laude), <i>University of the Philippines, 1989</i> |

POLITICAL APPOINTMENTS:

Council Member, US Environmental Protection Agency, National Advisory Council for Environmental Policy and Technology (<https://www.epa.gov/faca/nacept>), 2016-2018. Appointed by Secretary Gina McCarthy (Obama); 2018-2019. Appointed by Secretary Scott Wheeler (Trump).

Member, Green Bonds Development Committee, CA Treasurer’s Office (<https://www.treasurer.ca.gov/news/releases/2019/20190604/59.asp>), 2019-present. Appointed by CA State Treasurer Fiona Ma.

Member, AB2800 (Quirk) Climate Safe Infrastructure Working Group, CA Natural Resources Agency (<http://resources.ca.gov/climate/climate-safe-infrastructure-working-group/>), 2017-present. Appointed by CA State Secretary John Laird (Brown).

Commissioner, LA County Beach Commission (<http://beaches.lacounty.gov/wps/portal/dbh>), 2015-present. Appointed by Los Angeles County Supervisor Sheila Kuehl.

Commissioner, LA City Board of Transportation Commissioners (<http://ladot.lacity.org>), 2014-2015, 2015-present. Appointed by Los Angeles Mayor Eric Garcetti.

CERTIFICATIONS:

Professional Engineer, Civil – California

Envision Sustainability Professional – Institute for Sustainable Infrastructure

Leadership in Energy and Environmental Design (LEED®) Accredited Professional

Occupational Health and Safety Administration (OSHA) HAZWOPER Supervisor Certificate

OSHA HAZWOPER Worker Certificate, with Annual Recertification

Real Estate Broker – California

Fellow – Southern California Leadership Network

Fellow – American Society of Civil Engineers

COMMENDATIONS:

- President Rodrigo Duterte, Republic of the Philippines, *Pamana ng Pilipino Award*, 2016. For body of work in environmental science and engineering that directly impacts the millions of lives within the Los Angeles regional metropolitan area and influencing global environmental and sustainability practice. ***Highest civilian honor for overseas Filipinos awarded by the Republic of the Philippines.***
- Congresswoman Judy Chu, 27th Congressional District, *Certification of Congressional Recognition* to Cris B. Liban, 2015 and 2017

- California State Senator Carol Liu, *Certificate of Recognition to LA Metro Sustainability Program*, 2015
- California State Assembly Member Autumn Burke, 62nd Assembly District, *Certificate of Recognition to Cris Liban*, 2017
- Supervisor Katherine Barger, LA County 5th District, *County of Los Angeles Commendation to Cris Liban*, 2017
- LA City Mayor Eric Garcetti, *Certificate of Recognition to Cris B. Liban*, 2014
- LA City 9th District Council Member Curren Price, *Certificate of Commendation: Los Angeles Metro Sustainability Council*, 2018

CAREER HIGHLIGHTS:

In partnership with volunteers around the world and key global environmental and engineering companies and trade association, Dr. Liban is privileged to continuously make a difference in industry and the community at large through the following initiatives and programs:

As Chair of the American Society of Civil Engineers National Committee on Sustainability

- First ANSI international standard on sustainable infrastructure, Fall 2020
- First Manual of Practice to incorporate climate change impacts and data into design and construction, Fall 2019
- First Manual of Practice on Sustainable Procurement, Spring 2020
- First Sustainable Engineering Certification Program, Spring 2020

As a Member of the CA Climate Infrastructure Safe Working Group

- First comprehensive study in the world that incorporates climate data into the design, construction, operations, and maintenance of infrastructure: Climate Safe Infrastructure

As a Member of the CA Green Bonds Development Committee

- First comprehensive standard and taxonomy in issuance, use, and reporting of Green Bonds, May 2020

As Executive for Environmental Compliance and Sustainability, Los Angeles Metro

In partnership with multiple Metro Departments, particularly Operations, Planning, Program Management, Procurement, Risk Management, Legal, Human Capital and Development, as well as ECSD staff and consultants, we have collectively *began* the first list of career highlights, and have *achieved* the second set of highlights:

Under Development

- First Power Purchase Agreement procurement to install up to 2.5MW of renewable energy
- Largest energy resiliency initiative in the United States that includes distributed energy resources (DERs) and storage
- First comprehensive resiliency program in the transit industry
- Largest regional water credits market initiative in the country

- Most comprehensive sustainability and resiliency plan in the whole transportation industry
- First and largest dairy-sourced renewable natural gas procurement and award (Fall 2019) for any transportation fleet in the US

Completed

- Developed the most aggressive BUT cost-efficient carbon reduction program in the whole transit industry: 80% reduction by 2030 and 100% reduction by 2050 compared to 2017 emissions
- Environmental Training Institute: Largest environmental and sustainability training program in the transit industry, approximately 100 unique courses (about 80 of these have been developed in house) simultaneously being delivered throughout LA Metro and LA County
- Largest and most comprehensive environmental regional training program in the country that includes Envision, Green Professional, Resiliency, and Drought Management. The five year (2017-2022) goal is to train 300 environmental and/or sustainability certified employee and community members every year. In Summer 2019, trained ~800 and certified ~500 Metro staff and regional partners.
- First rail maintenance facility for a transit agency to achieve ISO 14001:2004 certification, Metro Red Line Yard
- First transit agency to achieve ISO 14001:2015 certification for Transit Operations
- First transit agency to achieve ISO 14001: 2015 certification for Transit/Transportation Construction
- Best Environmental Management System among transit facilities, based on Columbia University research
- First entity (private or public) to achieve Envision-Platinum for any transit development, Expo Phase 2, 2016
- First sustainability training program in the public sector to achieve a Model Program Award from the National Transit Institute
- Largest *multi-sourced (i.e., landfill, wastewater treatment plant, and dairy)* renewable natural gas procurement and award for any transportation fleet in the US
- Largest renewable energy installation in transit (around 7 megawatts of various renewable energy sources)
- First Transit Agency to achieve the American Public Transportation Association Sustainability Commitment Platinum Level in 2013. The next transit agency to achieve this designation was in 2015.
- First transit agency in the nation to participate in a carbon credits trading program where revenues are reinvested back to value- and cost-savings creating projects. Up to \$100M in revenues generated since 2017 and approximately \$1.3B in projected reserves by 2025
- First environmental and/or sustainability department in the transit agency whose revenues generated were more than annual budget allocation. Net zero cost program since FY18.
- First transit agency in the nation to run an EV charging program focused on first and last mile, to and from park and ride stations. Up to \$0.75 cost recovery per \$1 of operations, the highest in the country
- Co-developed the first Green Bonds program for the third largest transit agency in the United States with initial offering of up to \$530M. Second offering of up to \$350M

- First transit agency to develop a series of construction and operations environmental and sustainability policies that impact the lives of more than 10 million Angelenos (www.metro.net/sustainability)
- First Green Construction Policy in the nation and cited by the USEPA as the best non-regulatory tool to reduce clean air in construction
- First transit agency to develop a Climate Action and Adaptation Plan. This became the model document for the APTA Recommended Practice Guidelines for Climate Action Planning.
- First transit agency to develop a climate resiliency framework
- First transit agency to incorporate sustainability and climate change into design criteria and specifications
- First transit agency to develop a Water Action Plan and an Energy Resource and Conservation Plan
- First Sustainable Acquisition Program in any industry that deals with both Operations and Construction
- First agency to implement Low Impact Development Strategies (at the Metro Orange Line) before it became ordinance in the City of Los Angeles
- First fully functional regional Sustainability Council in LA County that provides advise on the sustainable development of more than \$140B of infrastructure projects
- Co-authored the first Community Resiliency Guideline (<http://www.resilience.la/#intro>) in cooperation with USGBC-LA and multiple partners including City of Los Angeles and other local stakeholders
- First LA Metro Environmental Compliance and Sustainability (ECS) Director, ECS Deputy Executive Officer and ECS Executive Officer with holistic program on environmental compliance and sustainability (including NEPA/CEQA, underground storage tanks, construction, operations)

RECENT MEDIA CITATIONS:

- Russell, PR. 2018. *Climate Assessment Calls for More Adaptation to Prevent Billions in Losses*. Engineering News Record. <https://www.enr.com/articles/46006-climate-assessment-calls-for-more-adaptation-to-prevent-billions-in-losses?v=preview>
- Infinite Earth Radio, 2018. *Climate Safe Infrastructure with Cris Liban*. Radio podcast. <https://infiniteearthradio.com/climate-safe-infrastructure/>
- Kridis, A. 2018. *LA Metro Increases RNG Sourcing*. Waste 360. October 23.
- NGV Journal, 2017. *LA Metro will power CNG fleet with Clean Energy's biomethane.* <http://www.ngvjournal.com/wp-content/uploads/2017/08/magazine01-final.pdf>. June.
- Walpole, B. 2017. *Opportunities and Challenges – L.A. Metro's Sustainability Chief Talks Strategies*. ASCE News. August.

Dr. Emmanuel CB (Cris) Liban, P.E., ENV SP

Fellow, American Society of Civil Engineers

SPECIFIC CAREER DETAILS

1. PROFESSIONAL EXPERIENCES

Chief Sustainability Officer (12/2019-present)

Executive Officer, Environmental Compliance and Sustainability (07/2015-12/2019)

Deputy Executive Officer, Environmental Compliance and Services (11/2012-07/2015)

Director, Environmental Compliance and Services (04/2012-11/2012)

Environmental Compliance and Services Department Manager (07/2007-04/2012)

Principal Environmental Specialist (08/2003-07/2007)

Full time, 40 hours for every single position

Los Angeles County Metropolitan Transportation Authority (Metro), Los Angeles, CA.

Currently manages a team of 19 full-time Metro staff and at any given month oversees an approximately 100-150 part-time to full time consultant team that work on 149 simultaneous projects which address all aspects of Metro environmental compliance and sustainability programs. Currently acts as the executive point of contact on issues of environment and sustainability, interfaces with the general public and all appointed and elected officials at all levels (tribal, local, State, Federal) of government. Develops the annual budget and strategic plan to achieve agency goals while ensuring equitable and inclusive participation by all parties. Grew the ECSD department from a staff of four with an annual budget of approximately \$4.5M to the most comprehensive environmental program in the country (at least in the transportation industry) with ~\$250M in sustainability capital backlog, approximately \$100M in generated revenues since 2017, and has been a net zero cost LA Metro business unit since FY18. Approximately \$1.3B in potential revenues in development with a ~\$450M in cost savings projected over 30 years from environmental and sustainability monetized benefits. Example projects are as follows.

Policy

- Overseeing all environmental and sustainability-related capital programs that include renewable energy projects, lighting and power retrofit projects, water conservation plans, sub-metering, process efficiency, air quality improvement, energy reduction, and renewable energy projects to affect future cost reduction in anticipation of future Measure M and Measure R project operations. Return on investment in these projects has collectively been ~1,700% and generally achieved within a few months to five years considering life-cycle analysis framework.
- Fast tracked [within 3 years] the development and implementation of all Metro Environmental and Sustainability policies, including the Environmental and Energy and Sustainability Policy that requires at a minimum LEED-New Construction Silver Certification for all new infrastructures 10,000 square feet or larger. Also implementing the most recent policies approved by the Board that include Green Construction Equipment Policy and Renewable Energy Policy. Currently developing an agency-wide Resiliency Policy.
- Developed and updating the following documents: Annual Metro Sustainability Report, Metro Water Action Plan, Metro Cost Effectiveness Study, Metro Orange Line Bike Cost-Effectiveness Study, Metro Rail Bike Counts, Metro Energy Conservation and Management Plan. Annual Sustainability Report includes comprehensive inventory of Metro's greenhouse gas emissions as

well as strategies implemented and recommended to reduce such emissions. Additional reports can be found at www.metro.net/ecsd.

- Reviews and provides expert opinions on all Federal, State, and Local Ordinances which recently included the Federal FAST Act and FAST Act Reauthorization (inclusion of “resiliency” and extreme weather events as conditions for funding); AB2800 (D-Quirk) on Climate Safe Proofing infrastructure in CA; and a recent bill to change energy management and billing in all Metro operations (D-Stern).
- In coordination with Metro’s Vendor/Contract Management Department, completed and had the Metro Board approve the Metro Sustainable Acquisition Program. Metro’s procurement templates have been revamped to include sustainability elements.
- Oversaw the update of Metro Design Criteria and Technical Requirements that incorporates climate change impacts into the design, construction, operations, maintenance, and procurement of all Metro infrastructure and services.

Climate Change Mitigation and Adaptation

- Development and execution of the Metro 2012 Climate Action Plan and executive oversight to the recently Board approved (July 2019) Metro 2019 Climate Action and Adaptation Plan.
- Completed Metro’s vulnerability and risk analysis leading to current development of Metro Comprehensive Resiliency Framework. Pre-cursor to this framework is the development of resiliency metrics that will be used to measure resiliency efforts developed through an agency-wide multi-disciplinary Resiliency Team. Also currently working on climate change impacts analysis on vulnerable populations.
- One of seven national pilot efforts partially funded by the Federal Transit Administration on the implementation of adaptation principles in Transit Operations. The major focus of the Metro effort is on relating adaptation to Environmental Management System (EMS) implementation, developing and implementing adaptation metrics, and adaptation outreach (i.e., underrepresented communities who would not know about climate change issues if not for this outreach).
- Implemented Environmental Information Management System [EIMS] agency-wide. EIMS is an internet and Sharepoint® based tool housing all of Metro’s environmental and sustainability information. Currently data-mining for fiscal and project management efficiency opportunities.

Energy and Efficiency Management, Including Renewable Energy Projects

- Oversee the energy and resource use internal audit of all Metro facilities to identify cost-savings, development of value-creating projects, and reduction of inefficiencies. Currently resulted in over \$4.5-M cost-savings annually for Metro in energy and utility costs.
- Convened Metro Energy Blue Ribbon Collaborative among Metro and three of the largest utilities including LA Department of Water and Power, Southern California Edison, and The Gas Company.

- Developed and implementing a 5-year program to retrofit all of Metro's facilities using LEED-Existing Buildings Operations and Maintenance (LEED®-EBOM) guidelines. Approximate cost savings of \$400,000 per year per campus. Awarded LEED®-EBOM Gold Certification for Metro's Gateway Headquarters and Division 10. Completed energy retrofit of same building earning Energy Star rating from the USEPA. Recently completed Division 7 (LEED®-EBOM), Division 20 LEED®-EBOM certification and had provided expertise in additional LEED and Envision projects agency-wide.
- Co-developed the first local Energy Resiliency District that includes the Metro Santa Monica Yard, Expo Line Bergamot Station, and the City of Santa Monica City Yards. The intent of the District is to pilot regional energy resiliency continuity of operations during catastrophic energy outages.
- Completed a \$4.5M in federal funding for implementation of a Wayside Energy Storage System (McArthur Park Station, Red Line) and a \$2.5M state grant to implement a voltage regulator flywheel technology (Gold Line).
- Completed the \$1M California Energy Commission funded electric vehicle charger expansion network. This complements previous ~\$420,000 Energy Commission Grant to co-develop and successfully install electric vehicle charging stations at five Metro Park and Ride Locations, one of the first networkable stations for a transit agency in the country.

Water and Water Conservation

- Implemented extensive water conservation and management program that has reduced more than 50% potable water use since 2013. Achieved 20% by 2017 goal. Exploring new opportunities.
- Oversees the development, implementation, and update of Metro's agency-wide stormwater programs for all of Metro's 22 Divisions and major facilities. Metro had no prior coordinated stormwater sampling and monitoring program.
- Recently identified the need to upgrade Metro's wastewater treatment system at Division 18 through an analysis of sewer surcharges. The modest investment for upgrade resulted in a monitored and verified annual cost savings of almost \$400,000 per year. Metro is currently assessing the treatment systems at other divisions.
- Co-developing or implementing various water research projects with UCLA, USC, Southern California Institute of Architecture, and California State University, Los Angeles.

Revenue, Funding and Financing

- Technical adviser in the development of LA Metro's first Green Bonds sale to finance up to \$550M in Green and Sustainable Infrastructure. This is Metro's first bond offering within the Green Bonds space, as certified by the Climate Bonds Initiative.
- Currently overseeing Metro's Low Carbon Fuel Standard (LCFS) initiative. Has generated approximately \$100M in carbon credits revenue. Currently accumulated up to \$100M in carbon credits equities and growing. Have Metro Board authorization to use sale of LCFS credits, establish

a Green Fund and fund operations and maintenance and development and implementation of sustainable-related capital projects. These capital projects are either cost- saving measures, efficiency creating projects, or new technologies applications.

- Overseeing the United States' largest renewable natural gas program contracting up to \$150M in renewable natural gas commodities to fuel up to 2,200 compressed natural gas buses. New procurement for dairy biomethane is designed to generate up to 3x more carbon credits.
- In the process of developing Resiliency Bonds program that will raise up to \$1B in initial year to harden assets and reduce the impacts of extreme weather events and flooding to Metro assets. The first of its kind in the United States.
- Conceptualized and developed the Metro Triple Bottom Line Tool that examines the life-cycle cost of prioritizing and implementing sustainability strategies. Developed with Harvard University and other consultants this life cycle analysis and life cycle cost framework for use in all Metro planning, capital improvement, operations, and procurement activities.

Training

- Received National Training Institute Training Model Award for innovations in environmental training in the transit industry.
- Implementation of an interagency and Los Angeles regional training collaborative with Santa Monica College and Los Angeles Community College District to train staff and regional leaders for sustainability implementation in their own departments or agencies.
- Led the development of the Metro Environmental Training Institute that has produced over 80 courses and programs on environment and sustainability.
- Developed and currently implementing the Metro Growing a Greener Workforce Program that has trained almost 1,000 employees and community members to prepare them for the emerging issues of climate and resiliency and for the acceleration of Metro capital projects, 28 by 2028.

California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA)

- Act as executive lead for all the technical review in support of the CEQA/NEPA process. Personally led this function in the following projects: Orange Line Busway Project, Exposition Light Rail Phase 1, Metro Gold Line Eastside Extension, Metro Gold Line Foothill Extension, and led technical review team on Crenshaw Light Rail Project, Regional Connector Project, I-405 HOV Expansion, Purple Line Extension 1/2/3, Metro Airport Connector.
- Led the CEQA analysis (and where applicable the NEPA analysis) for Rosa Parks Willowbrook Station, Union Station Forecourt and smaller Categorical Exempt or Statutorily Exempt projects at all Metro facilities and Regional Rail projects.
- Led the development of NEPA/CEQA streamlining efforts particularly those pertaining to cultural and paleontological resources; and historical analysis determination.

- Signatory to all CEQA Mitigation Monitoring and Reporting Program for all Metro Major Capital Projects.
- Led negotiations on all NEPA issues with Caltrans, prior to the existence of the Metro Highways Planning Group.

Environmental Compliance

- Secured and completed ~\$1M Low Impact Development (LID) project at Division 4. The intent of this pilot is to develop menu of LID strategies that can be used as template for comprehensive Metro LID implementation Master Plan.
- Case closure of remaining Metro remediation sites including Divisions 1, 7, and 10. Reduction in Metro organic hydrocarbon related environmental liabilities by almost 50% in two years.
- Monitoring and actively reducing soil and groundwater environmental liabilities through the LA Metro GASB 49 environmental liabilities program. During the course of program implementation since inception, LA Metro's overall environmental liabilities have decreased ~60%.
- Completion of ISO 14001:2015 certification of the Construction Environmental Management System, the first transit agency in the whole United States to certify its system within this standard.
- Completion of ISO 14001:2015 certification of the Operations Environmental Management System (EMS) in all Metro Divisions, the first in the country and the largest collection of ISO certified facilities in the whole United States. LA Metro's EMS system has been independently ranked as the best in the country through a Columbia University study.
- Using sustainability capital program, analyzed and implemented capital projects to reduce on-going safety concerns at various divisions including: e.g., retrofit of non-compliant lighting at Divisions 7 and 10 maintenance bays, retrofit of brake lathe shop vacuum system, purchase of recirculating coolant system to reduce exposure to coolants during bus service, retrofit and certification of Gateway Headquarters to increase staff comfort and productivity. Additional retrofits and sustainability related capital projects are underway at Division 9, Division 11, and Division 1 and in coordination with Metro Project Management Teams.
- Won a \$5-million settlement with a very large international insurance company for an environmental liabilities insurance claim for the Metro Orange Line. Insurance company initially wanted to settle for \$750,000. Metro's deductible on this insurance policy was \$750,000.

Underground Storage Tanks

- Overseeing the most comprehensive environmentally enhanced program involving underground storage tank as a risk-mitigation strategy. Dozens of underground storage tanks are currently

being managed agency-wide but now has been put into a unified and automated monitoring program within an environmental management system.

- Negotiated down an \$81M underground storage tank fine to \$2.067 in paid damages, \$2M in deferred damages, and \$2M for use in projects to enhance environmental protection at Metro Bus and Rail Divisions. Issues were administrative with no documented releases to environment.
- Developed and implemented comprehensive UST management program that automated and transformed paper management to electronic management of UST and related records.

Stakeholder Engagement/Social Sustainability Initiatives

- Implemented the first regional Sustainability Council consisting of stakeholders groups that span government, non-profits, non-governmental organizations, developers, architectural and engineering firms, developers, public health and other professionals. The goal of the council is to provide advise on new policies, initiatives and programs that can be completely vetted out prior to implementation in Metro's multi-billion dollar capital programs.
- Created Science, Technology, Engineering, Arts and Mathematics externship and partnership program. Has produced several white papers with students on fresh food access and clean technologies. Led to the completion of one student's Master in Transportation Management degree.
- Developed Metro Social Sustainability Initiative that looks at vulnerable populations reduction impacts, delivery of fresh food through the use and leveraging of Metro stations, reduction in community crime rates by introducing more lights, community revitalization programs through community gardens/farmers markets, and partnerships to enhance station experience.
- Working with other Metro initiatives such as E3 Initiative, Win-LA, Eat/Shop/Play and similar programs to enhance and discover social sustainability related programs at Metro.

Senior Project Manager, Tetra Tech, Inc., Pasadena, CA (Full-time, 40 hours a week, 01/2003-08/2003)

Oversight and management of projects including schedule, budget and staff. Staff of 3. Project types have included environmental clearance (CEQA/NEPA), remediation, compliance, air quality, funding and financing, risk and risk management. Clients included State of California (CA Natural Resources, Governor's Office, and CA Department of Conservation), Caltrans, Department of Toxic Substances Control, State Water Resources Control Board, California Environmental Protection Agency, US Environmental Protection Agency Region IX. Range of project value: up to \$25M.

Project Manager, The RETEC Group, Inc. (now AECOM), Long Beach, CA (Full-time, 40 hours a week, 06/1998-01/2003)

Oversight and management of projects including schedule, budget and staff. Staff of 5. Project types have included environmental clearance (CEQA/NEPA), soil and groundwater remediation design, permitting, construction, and operations and maintenance, facility and project environmental compliance in soil groundwater, and air quality, oversight of underground storage tanks program (maintenance, product management, and repairs), insurance risk management, execution of

alternative forms of project funding and financing including Design-Build-Operate-Maintain. Phase 1/Phase 2 environmental assessment projects. Clients included AIG, Southern California Edison, Pacific Gas and Electric, Southern California Gas Company, ARCO, British Petroleum, Phillips 76, Shell, Valero, Port of Long Beach, Port of Los Angeles, City and County of Los Angeles, City of Carson, California Environmental Protection Agency, and US Environmental Protection Agency Region IX.

Led the research work on Risk Management of Lampblack from Manufactured Gas Plants of more than 20 Master's and Doctoral students and researchers from the following: Stanford University, UC Berkeley, UCLA, Carnegie Mellon University, University of Texas-Austin, University of North Dakota, University of Maryland-Baltimore, and Cornell University.

Range of project value: up to \$20M.

Research Fellow, *UCLA*, Los Angeles, CA (UCLA, 32 hours a week and Independent Consultant, no less than 15 hours per week, 11/1997-06/1998)

At UCLA, led and conducted the research project for three projects: Malibu Creek Eutrophication, Ballona Creek Watershed Stormwater Metrics, and dissertation on Risk Management of Lampblack from Manufactured Gas Plants. Oversight of three Master's students. Full-time residency to fulfill requirements of Doctor of Environmental Science and Engineering Program at UCLA. Range of project value: up to \$100,000. Dissertation contract: \$1M.

While at UCLA, provided expert witness and technical analysis consulting on multiple water quality lawsuits and legal proceedings particularly on water quality issues (Chromium 6 and lead contamination, taste and odor) and environmental quality (soil, water, and air) contamination disputes. Range of project value: up to \$50,000.

Senior Staff Engineer, *EARTH TECH, Inc. (now AECOM)*, Long Beach, CA (Full-time, 40 hours a week, 08/1993-11/1997)

Oversight and management of projects including schedule, budget and sub-consultants. Project types have included soil and groundwater remediation design, permitting, construction, and operations and maintenance, facility and project environmental compliance in soil groundwater, and air quality, oversight of underground storage tanks program (maintenance, product management, and repairs), archaeological and paleontological analysis, government/public agency support, alternative forms of project funding and financing. Phase 1/Phase 2 environmental assessment projects. Clients included US Navy (NAS Barber's Point), US Air Force (Edwards Air Force Base), California Environmental Protection Agency, and US Environmental Protection Agency Region IX. Range of project value: \$2M to \$6M.

Geologist, *Radian Corporation*, El Segundo, CA (Full-time, 40 hours a week, 06/1991-08/1993)

Oversight and management of projects including schedule, budget and sub-consultants. Project types have included soil and groundwater remediation design, permitting, construction, and operations and maintenance, facility and project environmental compliance in soil groundwater, and air quality, oversight of underground storage tanks program (maintenance, product management, and repairs), beach and surf monitoring program, resource efficiency and energy, water and waste reduction. Clients included Chevron Oil Refinery (El Segundo), Rho-Chem Chemicals, private banking institutions.

Range of project value: \$2,000 to \$500,000.

Environmental Consultant, *Hygienetics, Inc*, Alexandria, CA (Full-time, 40 hours a week, 06/1989-06/1991)

Oversight and management of projects including schedule, budget and sub-consultants. Project types have included soil and groundwater remediation design, permitting, and operations and maintenance, facility and project environmental compliance in soil groundwater, and air quality, oversight of underground storage tanks program (maintenance, product management, and repairs). Hazardous materials management including asbestos, bulk chemicals, and related. Phase 1/Phase 2 projects. Clients included private equity firms, real estate investment trusts, Sheraton Hotel Chain, Marriott Hotel Chain. Range of project value: \$2,000 to \$200,000.

2. GLOBAL SUSTAINABLE DEVELOPMENT VOLUNTEER ACTIVITIES

a. World Bank (through a contract with the American Society of Civil Engineers)

As Technical Adviser for the development of Sustainable Infrastructure Training Program with focus on Design of Sustainable Infrastructure.

b. United Nations Operational Project Services (through a contract with the American Society of Civil Engineers)

As Technical Adviser for the development of Sustainable Procurement Training Program with focus on Emerging Markets and Sustainable Infrastructure.

3. COMMUNITY/CIVIC ENGAGEMENTS

American Public Transportation Association (www.apta.com), 2007 to present

Co-Chair, Sustainability Commitment Sub-Committee

Co-Chair, Sustainability Metrics Working Group

Member, Climate Change Working Group

Member, Eco-Procurement Working Group

American Society of Civil Engineers (ASCE) (www.asce.org)

National Committee on Sustainability, 2016-present

National Committee on Sustainability Infrastructure Education, 2016-present

Sustainability Summit Technical Advisor, 2016

Newsletter Editor, ASCE L.A. Section Monthly Newsletter – 2000 to present

Board Member, ASCE Los Angeles Section, Sustainability Committee Chair – 2008 to 2009

Board Member, ASCE Los Angeles Section – 2000-2001

Past President, ASCE L.A. Section Younger Member Forum – 2000-2001

President, ASCE L.A. Section Younger Member Forum – 1999-2000

Vice-President, ASCE L.A. Section Younger Member Forum – 1998-1999

Community Outreach Chair, ASCE L.A. Section Younger Member Forum – 1995, 1996, 1997

State of California

AB2800 Convenor (in cooperation with the Union for Concerned Scientists), 2016-2017

California High Speed Rail Authority Sustainability Design Task Force, 2014 to present

City of Los Angeles

One Water LA Working Group, 2013-present

Member, California Redistricting Citizen's Council, 2011-2012

Member, City Clerk's Office Alternative Voting Mechanism Working Group, 2012 to 2014

California Transit Association (www.caltransit.org), 2008 to present

Member, Climate Change Working Group

Filipino American Service Group, Inc. (www.fasgi.org)

Board Chair, 2015 to 2018

Board Co-Chair, 2014-2015

Executive Board Member, 2008-2014

Board Vice-Chair, 2010-2011

Harvard University, Sustainable Infrastructure Advisory Board, 2017-present

International Honor Society of Phi Kappa Phi (www.phikappaphi.org) – Science and Technology Columnist,

National Forum Magazine – 1997-2000

Los Angeles Economic Development Corporation

Member, Advanced Transportation Center, 2013 to present

Member, e4-Mobility Task Force, 2011 to present

MENSA (www.mensa.org) – Member, 1994 to 2014 (eligible for reinstatement)

Metro Fil-Am Group, 2019-present, Founder. First Asian-American Employee Association in Metro

Southern California Association of Governments

Member, Electric Vehicle Consortium, 2011 to present

St. Jerome Parish and School

8th Grade Events Co-Chair, 2013-2014

President, School Support Organization, 2011-2013

Board Member, School Support Organization, 2008-2010

Member, Parish Council, 2011-2013

Member School Board, 2011-2013

Transportation Research Board (TRB) of the National Academies of Science, 2010 to present

Chair, Transportation Cooperative Research Program (TCRP) H-46 Research Panel: Quantifying Transit's Impact on GHG Emissions and Energy Use: The Land Use Component. This resulted in TCRP 176 Study.

Chair, Transportation Cooperative Research Program (TCRP) H-53 Research Panel: Tools for a Sustainable Transportation Agency

Member, TCRP A-41 Research Panel: Improving the Resilience of Transit Systems Threatened by Natural Disasters

Member, NCHRP 20-101 Research Panel: Guidelines to Incorporate the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change

Member, TRB ADD60, Waste Management and Resource Efficiency in Transportation Committee

Member, TRB ABR10, Critical Transportation Infrastructure Protection Committee

Secretary, TRB ABE40 (2), Sub-Committee on Risk and Resilience Assessment and Planning

Technical Reviewer, TRB ADD40, Transportation and Sustainability Committee



ERIC GARCETTI
MAYOR

August 14, 2020

Dear Mr. Liban:

I am pleased to inform you that I hereby reappoint you to the Board of Transportation Commissioners for the term ending June 30, 2025. In order to complete the process as quickly as possible, there are several steps that must be taken, many of which require visiting City Hall. If you require parking during these procedures, please call Claudia Luna in my Office at (213) 978-0621 to make arrangements for you.

To begin the reappointment process, please review, sign and return the enclosed Remuneration Form, Undated Separation Forms, Background Check Release and Information Sheet **within one week** of receiving this letter. These documents are necessary to ensuring the most efficient, open and accountable City government possible.

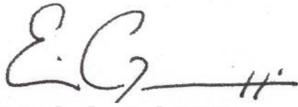
As part of the City Council confirmation process, you will need to meet with Mike Bonin, your Councilmember, and the Chair of the Transportation Committee, to answer any questions he may have. You will be hearing from a City Council committee clerk who will let you know when your reappointment will be considered by the Transportation Committee. Some time thereafter, you will be notified by the committee clerk when your reappointment will be presented to the full City Council for confirmation. Once you are confirmed, you will be required to take the oath of office in the City Clerk's Office in Room 395 of City Hall. Claudia Luna will assist you during the confirmation process if you have questions.

Mr. Cris Liban
August 13, 2020
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If you move at any point during your term, have any changes in your telephone numbers, or in the future plan to resign (resignation must be put in writing), please contact my office immediately.

Congratulations and thank you for agreeing to serve the people of Los Angeles.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Garcetti", with a horizontal line extending to the right.

ERIC GARCETTI
Mayor

EG:dlg

Attachment I
Mr. Cris Liban
August 13, 2020

Nominee Check List

I. Within seven days:

Mail or email the following forms to: Claudia Luna, Office of the Mayor, City Hall, 200 N. Spring Street, Los Angeles, CA 90012 or email: Claudia.Luna@lacity.org.

_____ **Remuneration Form**

_____ **Undated Separation Forms**

_____ **Background Check Release**

_____ **Commissioner Information Sheet/Voluntary Statistics**

II. As soon as possible, the Mayor's Office will schedule a meeting with you and:

_____ **Your City Councilmember Mike Bonin**

_____ **Councilmember Mike Bonin, Chair of the Council Committee
considering your nomination**

Staff in the Mayor's Office of Legislative and External Affairs will assist you with these arrangements.