

DOCKETED

Docket Number:	07-AFC-06C
Project Title:	Carlsbad Energy Center - Compliance
TN #:	203845
Document Title:	City of Carlsbad Prepared Direct Testimony
Description:	Direct Testimony of Kirsten Plonka, Gary Barberio, and Mike Lopez
Filer:	Bob Therkelsen
Organization:	City of Carlsbad
Submitter Role:	Public Agency
Submission Date:	3/11/2015 4:04:25 PM
Docketed Date:	3/11/2015

City of Carlsbad

Prepared Direct Testimony

Amended Carlsbad Energy Center Project - Docket 07-AFC-06C

Prepared Direct Testimony of Kirsten Plonka, City of Carlsbad
Amended CECP; 07-AFC-06C
Water Resources

Q1. Please state your name and position with the city of Carlsbad.

A1. My name is Kirsten Plonka and I am the Engineering Manager of the City of Carlsbad Utilities Division

Q2. Have you reviewed the FSA on the amended CECP project?

A2. Yes, I have reviewed the sections of that document that relate to water supply.

Q3. Do you agree with the conclusions and conditions of certification contained in the FSA related to water supply?

A3. Yes. The city's potable and recycled water resources can meet the project requirements. Conditions Soil & Water-2, -5, -6 and -8 together are appropriate and protect the city's potable and recycled water supplies.

Q4. Do you agree with the conclusions and conditions of certification contained in the FSA related to waste water discharge?

A4. Yes. The city was initially unwilling to provide sewer service because the total dissolved solids in the effluent exceeded the sewer system requirements of the Encina Wastewater Authority. Carlsbad Energy Center LLC is now proposing an onsite pretreatment system that allows us to accept the wastewater. Condition Soil & Water-7 is appropriate.

Q5. Did the city provide a "will serve" letter?

A5. Yes. On January 8, 2015 we filed a will serve letter agreeing to provide potable water, recycled water and sewer service to the amended CECP (Exhibit 901). We also agreed to construct a public recycled water line from its current termination point at the intersection of Canon Road and Avenida Encinas to the amended CECP site. While the city currently has recycled water available to partially meet the needs of the project, we will have sufficient capacity to meet the peak operation needs of the project once the recycled water treatment plant transmission pipeline expansions are complete. We anticipate the expansion to be complete and additional recycled water supply to be available in April to June 2017. In the unlikely event that the recycled water is unavailable during construction or decommissioning or on an emergency basis during operation, we will provide potable water to the amended CECP.

Q6. Does the City believe that a Water Supply Assessment (WSA) is necessary for the Amended CECP project?

A6. No, we do not. As we stated in two letters to the CEC Staff (Exhibits 902 and 903) we do not believe the amended CECP is a "project" under State Water Code Section 10912 and hence a WSA is not necessary or appropriate. The requirement to perform a WSA analysis does not apply to recycle water systems and the volume of water required to

serve the project is substantially less than water volumes required to serve a 500 unit dwelling project – the appropriate test. I have reviewed the Staff analysis contained in the FSA (starting at page 4.10-31) and the conclusion on page 4.10-43. I agree with the conclusion that a WSA is not necessary.

Q7. Does that complete your testimony?

A7. Yes, it does.

Exhibits:

901 - Letter from Kirsten Plonka to George Piantka regarding Will Serve Notice, January 8, 2015, TN203507

902 - Letter from Kirsten Plonka to Mike Conway regarding Water Supply Assessment, January 12, 2015, TN203514

903 - Letter from Kirsten Plonka to Mike Conway regarding Water Supply Assessment, December 8, 2014, TN203421

**Prepared Direct Testimony of Gary Barberio, City of Carlsbad
Amended CECP; 07-AFC-06C
Land Use, Noise, and Transportation**

Q1. Please state your name and place of employment

A1. My name is Gary Barberio and I am Assistant City Manager with the City of Carlsbad.

Q2. Please describe the role of the City in this proceeding.

A2. The City has been active as an interested agency in this proceeding. The CEC Staff, on July 2014, requested that the City provide information on the amended CECP's conformance with local laws and ordinances. The City has attempted to comply with this request by filing pertinent documents and responding to telephonic and e-mail information requests regarding the city's ordinances, ability to provide local services, and potential concerns and impacts upon the city and its citizens. The city has also participated in numerous meetings, workshops, conferences and hearings sponsored by the CEC Staff and Committee. Areas we have commented on include land use, noise, fire protection services, police protection services, schools, water supply, hazardous materials management, traffic and transportation and visual.

Q3. In what areas are you providing testimony for the City?

A3. I am providing testimony in the areas of land use, noise, and traffic and transportation. I am also available to answer questions related to visual resources.

Land Use

Q4. Has the City provided information in the area of land use?

A4. Yes. We have provided a number of documents describing the changes that have been made to our planning documents since the publication of the original CECP in mid-2012.

Q5. The CECP Staff's FSA describes the City's land use documents and the amended CECP's consistency with their requirements (Table 2; pages 4.6-19&20). Does the city agree that the listed documents accurately describe the city's land use plans and regulations applicable to the amended CECP and with the CEC Staff's conclusion that the amended CECP is in conformance, with the exception of the 35-foot height limit?

A5. Yes. The FSA contains a complete list of the City's land use plans and regulations that would be applicable to the amended CECP if the city had the responsibility of permitting this facility. Those include the General Plan (Exhibit 904), zoning (Exhibit 905), and Agua Hedionda Land Use Plan (Exhibit 906). On January 12, 2015 the city filed an updated table showing all of the changed land use plans and regulations applicable to the amended CECP (Exhibit 907). That table shows the amended CECP is in compliance with all of those requirements except the 35-foot height limitation. The 35-foot height limit is contained in the Agua Hedionda Land Use Plan, a planning document that has been approved by the California Coastal Commission.

Q6. A number of City planning documents were amended by the City Council in May and June 2014. What are the reasons for these plan changes?

A6. Many of these changes were made in response to the Settlement Agreement between the city, NRG and San Diego Gas & Electric Company. That agreement required the NRG to change the power plant configuration of the licensed CECP from a combined cycle plant to a simple cycle set of six units with a smaller physical and environmental footprint, lower stacks, and fewer hours of operation. The agreement also required the NRG to demolish and remove the Encina Power Station by a date certain following completion of construction of the amended CECP. Based on NRG's commitments, the City committed to support the amendment and, to the extent possible, eliminate conformance issues of the amended CECP with the its planning and land use requirements.

Q7. Please describe the benefits to the City resulting from the demolition and redevelopment of the existing Encina Power Station.

A7. The most significant benefit is the demolition and removal of the EPS and associated equipment and structures by a date certain. This will eliminate the prominent visual feature of the EPS stack and turbine building that the city has lived with since its incorporation. It will open up an extremely large piece of land for coastal oriented redevelopment. The City and NRG have agreed on a schedule for planning and implementing redevelopment, which will entail a significant amount of citizen involvement. Although the precise development plan is to be determined, we expect the plan will be consistent with the Carlsbad Community Vision adopted in 2012 and the open space and visitor oriented commercial uses as outlined in the draft General Plan Update. This will provide increased recreational opportunities and beach access.

As described in the Settlement Agreement, the demolition of the Encina Power Station is the first step in redeveloping the entire area between the coastline and railroad tracks. It leads to the transfer of other NRG land to the city, possible relocation of the SDG&E Service Center, and eventually relocation of the SDG&E switchyard.

Q8. With regard to the LORS override of the 35-foot height limit, what is the City's current position?

A8. As noted above, the 35-foot height limit is the one city requirement for which the amended CECP is not in conformance. The city is not interested in amending or eliminating this standard as it is important in maintaining the city's character and visual profile in the Agua Hedionda segment of the city's Coastal Zone and would also require review and approval by the California Coastal Commission. The city agrees with CEC Staff that an "override" of this requirement is appropriate because of the numerous public benefits the project now provides. The amended CECP now conforms to Carlsbad Fire Department requirements, reduces the visual and other environmental impacts of the licensed CECP, provides for the demolition of the existing EPS by a date certain, eliminates blight in the area and provides electric system reliability in light of the removal of the EPS and closure of San Onofre. We believe the amended CECP project will provide

extraordinary public benefits to the city and its residents and visitors. Due to this conclusion the City supports the override.

Q9. The City is changing its General Plan. Please describe the progress of this effort.

A9. The City's General Plan is an on-going effort. The next update is expected to be completed this year. The amended CECP project is entirely consistent with the current draft of the General Plan document.

Q10. Do you agree with the proposed changes in condition LAND-1 regarding the Coastal Rail Trail?

A10. Yes. The CEC staff included the proposed changes made by the city and agreed to by NRG. They reflect the CEC's interest in locating the trail west of the railroad, the city's need to have a physical trail rather than money, NRG's need to have access and interconnection rights, and the city's and NRG's joint need to have flexibility in selecting the final route based on future redevelopment plans for the entire area. We fully support the revised condition.

Noise

Q11. Have you reviewed the Noise and Vibration section of the CEC Staff FSA?

A11. Yes. I agree with the CEC Staff's characterization of the city's noise ordinance including the provision to allow flexible construction activities when the work is in the general public interest as is the case of the amended CECP. I also agree with the conclusion that with the Conditions of Certification, the amended CECP complies with all applicable City laws and regulations (Exhibit 908). The City appreciates the inclusion of the operating hour restriction contained in revised NOISE-4 and provisions for notifying the city of noisy construction and demolition activities.

Traffic and Transportation

Q12. Have you reviewed the Traffic and Transportation section of the CEC Staff FSA?

A12. Yes. I appreciate the CEC Staff considering two minor changes to the proposed Conditions of Certification Trans-1 and -5 suggested by the city. These changes provide for consultation with the city in the development of a construction/demolition traffic control plan (Trans-1) and continued road maintenance (Ttans-5). We believe that the amended CECP will not have a significant adverse traffic or transportation impact.

Q13. Does that complete your testimony?

A13. Yes, it does.

Exhibits:

904 - City of Carlsbad General Plan, Land Use Element, TN 203558

905 - City of Carlsbad Zoning Ordinance, TN 203557

906 - City of Carlsbad Agua Hedionda Land Use Plan, TN 203555

907 - Table of City of Carlsbad Land Use Actions Related to the Amended CECP, updated 1/12/15,
TN203544

908 - City of Carlsbad Noise Standard, TN 203556

**Prepared Direct Testimony of Mike Lopez, Carlsbad Fire Department
Amended CECP; 07-AFC-06C
Hazardous Materials Management and Worker Safety and Fire Protection**

Q1. Please state your name and place of employment.

A2. My name is Mike Lopez and I am Fire Division Chief with the City of Carlsbad.

Q2. Has the City changed its opinion of the fire safety impacts from the original CECP?

A2. I was not part of the original CECP review team that reviewed and commented on the licensed CECP and, although I have not studied the previous proposal, I understand their concerns. I have the plans and current proposal for the amended CECP and believe the project complies with all City regulations and standards and emergencies can be responded to safely. Provisions that allow me to reach these conclusions are:

- Adequate access into and out of the site and the bowl in particular
- Sufficiently wide and dedicated fire lanes within the bowl
- Access between the generation units and sufficient width between the generation units and the sides of the bowl for personnel and equipment
- Sloped rather than vertical bowl rim
- Road around the perimeter of the bowl rim
- Reliance of the city water system for fire protection water and on-site water storage as a back-up supply

Q3. Is the Carlsbad Fire Department now willing and able to serve the amended CECP through both construction and operation?

A3. Yes. As the CEC Staff state in the FSA, I believe the city has the ability to supply emergency services during all phases of project construction, demolition and operation (FSA, page 1-21). Based on the provisions identified above, the Carlsbad Fire Department is willing to serve the project. We have made this commitment in meetings with the applicant, CEC staff, and in our comments to the PSA (City of Carlsbad Comments on the Amended CECP Preliminary Staff Assessment, January 20, 2015, page 10, TN203543)

Q4. Have you reviewed the Hazardous Materials Management and Worker Safety and Fire Protection sections of the Staff FSA?

A4. Yes. I have reviewed both sections and agree with the conclusions and proposed conditions of certification as they relate to the Carlsbad Fire Department's areas of responsibility. I appreciate the CEC Staff's willingness to incorporate our comments in the FSA and have us review and comment on the applicable plans and submittals.

Q5. Does that complete your testimony?

A5. Yes it does.

RESUMES

Kirsten L. Plonka, P.E.

13464 Salmon River Road
San Diego, CA 92129
(760) 685-7335
kirplonk@gmail.com

Professional Registration and Certification

- Registered Professional Civil Engineer (California, No. C 70746)
- California Water Distribution Operator – D2 expected 9/15
- Certified Haestad Methods Sanitary Sewer Modeler
- Advanced Water Modeling Certified by InnoVzyze, Inc.

Past Work Experience

City of Carlsbad/Carlsbad Municipal Water District, Carlsbad, CA *Utilities Engineering Manager/District Engineer, 7/14-Present*

- Manage day-to-day activities of the Engineering Department for water, recycled Water, and wastewater projects.
- Directly responsible for staff of 5, including prioritizing workload and schedules.
- Responsible for Capital Improvement Program and Asset Management Program for Utilities Department
- Coordinate with multiple public agencies including Vallecitos Water District, The cities of Oceanside and Vista, Olivenhain Water District, and the San Diego County Water Authority to coordinate shared infrastructure and associated agreements.
- Represent the City of Carlsbad staff as part of the Encina Wastewater Authority JPA.
- Current Project Manager for the 2016 Carlsbad Municipal Water District Urban Water Management Plan.
- Review and approve water and sewer infrastructure for private developments.
- Issue Will-Serve Letters for all water, recycled water, and sewer projects.

Rainbow Municipal Water District, Fallbrook, CA

District Engineer, 2/13-7/14

Associate Engineer (Supervisory Position), 10/08-2/13

- Manage day-to-day activities of the Engineering Department and supervise the Wastewater Collections Department
- Directly responsible for staff of 6, including prioritizing workload and schedules.
- Responsible for internship program and management of interns.
- Responsible for \$6 million dollar annual Engineering Department and District Capital Improvement Plan budgets.
- Partner closely with Operations and Customer Service Departments.
- Proactively communicate with General Manager, Board of Directors, and a public engineering committee about projects and critical business activities.
- Authorized to negotiate and coordinate with developers on behalf of the District.
- Manage engineering consultants and construction contractors.
- Solely responsible for water and sewer hydraulic modeling and master plans.
- Responsible for rehabilitation of aging water and wastewater infrastructure including project management and environmental compliance for a 6MG tank, open reservoir covers, UV Treatment Facility, multiple wastewater lift stations, and pipelines.
- Project manager for multiple planning projects including an Alternative Water Source Study, district wide flow monitoring reports, and multiple feasibility studies.

- Project manager for the San Luis Rey Groundwater Study which includes securing water rights from groundwater return flows in the San Luis Rey Basin and potential extraction and treatment for potable distribution.
- Coordinate with multiple public agencies including the County of San Diego, City of Oceanside, Valley Center Municipal Water District, and Fallbrook Public Utility District.

CH2M HILL, San Diego, CA

Associate Engineer, 1/06-10/08

- Supervised and mentored junior staff and interns working on my projects.
- Project Engineer for Water and Sewer Master Plans for Lake Arrowhead Community Services District, Eastern Municipal Water District, and Golden State Water Company.
- Responsible for coordinating with clients, field testing, hydraulic modeling, identifying system deficiencies, creating CIPs, and report writing.
- Worked onsite as part of the engineering team during construction of the Twin Oaks Valley Water Treatment Plant owned by SDCWA. Coordinated subcontractors and vendors, put together O&M manuals, coordinated completion of punch list items.
- Chair of internal mentoring committee for the southwest region.

Kennedy/Jenks Consultants, San Diego, CA

Senior Staff Engineer, 3/02 – 1/06

- Worked on San Diego Group Jobs pipeline projects.
- Contributed to design of wells, tanks, and tank mixing systems.
- Project Engineer responsible for development of water, sewer, and recycled water master plans and models for multiple public agencies.
- Helped to develop multiple Capital Improvement Plans as part of master planning.
- Senior staff engineer responsible for site evaluations of water source infrastructure and modeling of systems to evaluate four distribution systems for the Global Water Due Diligence Facilities Report for Water Utility of Greater Buckeye.

City Of San Luis Obispo, San Luis Obispo, CA

Civil Engineering Intern, 1/01-6/01 and 9/01-3/02

- Took inventory and mapped the storm drain system for San Luis Obispo, using GPS and created an ArcView GIS atlas map.
- Wrote instruction booklet for mapping storm drains for the city.

Nolte Associates, San Jose and San Diego, CA

Civil Engineering Intern, Summers 1998-2001

- Wrote SWPPP for the Del Mar Fairgrounds.
- Evaluated sites and worked on preliminary design for constructed wetlands project along the New and Alamo Rivers.
- Sized pipelines, put together O&M manuals, worked on sustainable development projects and developer studies, flood studies, storm drain system studies, and assisted in design of a wastewater treatment plant upgrade.
- California Polytechnic State University, San Luis Obispo, March 2002 with a Bachelor of Science Degree in Civil Engineering and a concentration in water and wastewater

Education and Training

- Environmental Compliance for Project and Design Managers Training, San Diego County Water Authority
- Special District Risk Management Training (multiple courses completed)
- Trained in confined space, traffic control, and asbestos cement pipe
- HazMat and Hazwopper Awareness Trained

- 2013 Outstanding Water Project of the Year from Region 9 ASCE, Award of merit for San Diego Section ASCE for Pala Mesa Tank
- Engineers Without Borders, So. California State Representative 2003-2007
- American Society of Civil Engineers
- “Health Effects Study on Potable Water Reuse” Presented to A&WMA

Terry L. Smith

City of Carlsbad – Senior Engineer

CAREER SUMMARY

Thirty years of civil engineering experience in Southern California designing and constructing water, sewer and recycled water projects including fourteen years with the City of Carlsbad and sixteen years as an engineering consultant to private and public sector clients.

ACCOMPLISHMENTS

Project Management

- \$46-million Vista/Carlsbad Interceptor Sewer Replacement project.
- 2012 Carlsbad Water and Sewer Master Plans.
- Carlsbad Water Recycling Facility (CWRF) Phase III Expansion Project.
- 135 KW Hydroelectric Facility at Maerkle Reservoir.
- Program oversight on Carlsbad's \$50-million Phase II recycled water program (2005).
- Construction oversight and start-up of Carlsbad's \$10-million, 4 MGD Water Recycling Facility, which includes Reverse Osmosis and Microfiltration technologies.
- \$18-million Vista/Carlsbad Interceptor Sewer and South Carlsbad Storm Drain Project.
- \$3-million, 3.1 MGD Cannon Road Sewer Lift Station.

Technical Expertise

- Civil design and infrastructure engineering of water, sewer and recycled water systems including pump stations, coatings, odor control technologies and instrumentation and control equipment.
 - Design, construction management and start-up experience of treatment plans including the Carlsbad Water Recycling Facility.
 - Extensive experience with trenchless and innovative construction methods such as microtunneling, horizontal directional drilling and pilot-tube boring for pipe installation.
-

CAREER HISTORY

2000 – Current Senior Engineer, City of Carlsbad

- Project Manager for water, sewer and recycled water capital improvement projects.
- Prepare annual budgets for the development of the Capital Improvement Program.
- Prepare studies, planning level documents and master plans for utility engineering.

- Perform project plan review of proposed water and sewer systems for land development projects.
- Supervise Utility Engineering staff in the preparation of plans and specifications for in-house design projects.

1992 – 2000 Project Manager, Malcolm Pirnie, Inc. (Carlsbad, CA)

- Manager of the infrastructure design group while at Malcolm Pirnie’s Carlsbad office. Responsibilities included oversight of all civil design elements associated with the design of treatment plants, pump stations, and collection and conveyance pipelines.
- Provided QA/QC on infrastructure design projects prepared by Malcolm Pirnie’s western region offices.
- Participated on Value Engineering teams for infrastructure design review.

Prior Experience:

1988-1992: Project Engineer, Church Engineering Inc. (San Diego, CA)

1984-1988: Engineer, Sholders and Sanford, Inc. (San Diego, CA)

EDUCATION, REGISTRATIONS & CERTIFICATIONS

- Regional Management Academy, Centre for Organizational Effectiveness (2009)
- California Professional Engineer, Civil Engineering, RCE #42979 (1987)
- Bachelor of Science, Civil Engineering, Iowa State University (1984)

PROFESSIONAL AFFILIATIONS

- Member, American Society of Civil Engineers
 - Member, Water Environment Federation
 - Member, American Public Works Association
 - Member, North American Society for Trenchless Technology
-

DETAILED PROJECT EXPERIENCE

- **Vista/Carlsbad Interceptor Sewer, Reaches 11B through 15, and Agua Hedionda Lift Station Replacement Project.** Project Manager for the planning and design of the \$46-million project. The project includes a 33 MGD Lift Station with dual pumping systems, a 140-foot long single span steel truss utility and maintenance access bridge, 2-miles of pipeline including a 4000-foot long force main installed by HDD and a 54-inch diameter gravity sewer installed by microtunneling. The project also includes 6,500 lineal feet of 18-inch diameter recycled water transmission line. The joint use project with the City of Vista required permits from multiple agencies and right-of-way acquisition from NCTD, SDG&E and NRG Energy.
- **Cannon Road Sewer Lift Station.** Project Manager for the planning, design and construction of the 3.1 MGD sewer lift station. Presented design concepts to a large group of concerned citizens at several community meetings. Staff considered input from the neighbors and the project ultimately received council approval with no opposition to the project. The deep wet well and valve vault for the lift station project were constructed as caissons to sink the

structures in saturated soil and to minimize disturbance to the adjacent potentially unstable hillside.

- **Carlsbad Water Recycling Facility.** Provided engineering support and oversight during construction of the new 4 MGD tertiary treatment facility. The treatment facility includes two treatment trains; continuous backwash sand filters treat the majority of the flow and MF/RO provides a reduction in turbidity in the blended flow. Managed plant start-up approximately 1-year after construction without assistance from the general contractor. Developed a start-up team and contracted with suppliers and subconsultants separately to initiate operation and provide troubleshooting.

Gary T. Barberio

4270 Clearview Drive • Carlsbad, CA 92008
(760) 889-1870 • Office (760) 434-2822
Gary.Barberio@carlsbadca.gov

Assistant City Manager for the City of Carlsbad

Uniquely qualified local government executive with more than 29 years of directly relevant experience and training, including more than 25 years of management experience in local government with the City of Carlsbad and other coastal cities in San Diego County.

In-depth understanding of local, regional, and statewide issues facing the City of Carlsbad, including sustainable development, economic development, fiscal land-use, smart growth, mixed-use and infill development, affordable housing, and habitat management. Expert knowledge of CEQA (California Environmental Quality Act), California Coastal Act, General Plan and Zoning laws, and other relevant state and federal laws. Recognized expert in local, regional, and coastal planning, habitat and open space management, affordable housing, community outreach, project management, and economic development.

Proactive approach to community involvement in government, coupled with long-term vision and a talent for creative, innovative solutions to complex issues. Track record of finding win-win solutions that serve all stakeholders, including community, development, and governmental interests. Outstanding negotiation, communication, consensus-building, and project management skills.

Longstanding working relationships with CCC (California Coastal Commission), SANDAG (San Diego Association of Governments), California Department of Fish and Game, US Fish and Wildlife Service, and other local, regional, state, and federal agencies.

A leader and manager committed to public service, development of the City of Carlsbad's employees, and development of team members. Collaborate effectively with multidisciplinary project teams and diverse stakeholders.

A change management expert, with firsthand experience managing programs for communities transitioning from a period of high growth to a new emphasis on infill development and long-term sustainability—and building teams that successfully adapt to changing community needs. Extensive experience managing General Plan, Local Coastal Program, and Zoning Code update programs and significant community outreach programs.

PROFESSIONAL EXPERIENCE

CITY OF CARLSBAD, CA (February 2013 to Present)

Assistant City Manager. Responsible for the management and oversight of high level, cross-departmental key projects to ensure that successful and timely outcomes, consistent with the policy direction and interests of the city, are achieved. Formerly responsible for the management and oversight of the Community and Economic Development, Library and Cultural Arts, and Parks and Recreation departments.

CITY OF CARLSBAD, CA (September 2007 to February 2013)

Assistant Planning Director. Assist in directing and managing the daily operations of the Planning Department. Provide highly responsible and technical staff support to the Planning Director, City Council, and the Planning Commission. Supervise two Principal Planners and manage and direct the supervision, evaluation, and development of 16 project planners. Develop and implement policies and procedures for the effective operation of the Department. Participate in recruiting and hiring. Represent the City in the community, and at public workshops, hearings, and committee meetings. Develop and implement plans, objectives, and programs needed to achieve Planning Department and City Council goals.

CONTINUED...

CITY OF CARLSBAD, CA (April 2003 to September 2007)

Principal Planner. Led Current Planning Team (largest of 4 teams within Planning Department), which managed private development projects through the City's review process. Provided strategic oversight, direction, workflow management, and high-level technical expertise for team of 9 project managers. Participated in recruiting and hiring. In charge of evaluation, development, and personnel management for Current Planning Team. Member of the Department's senior management team.

Represented the City at public workshops, hearings, and committee meetings and advised the Planning Commission, City Council, and other City departments.

CITY OF ENCINITAS, CA (July 1994 to April 2003)

Principal Planner. Led Advance Planning & Housing Division, supervising team of 6 planning and housing professionals. Project Manager for several major, long-range planning initiatives and programs, including affordable housing (Section 8, Community Development Block Grant (CDBG), and HOME programs), General Plan Housing Element update, Recreational Trails Master Plan, Coastal Rail Trail, North Highway 101 Corridor Specific Plan, and adoption and implementation of the City's first Local Coastal Program. Represented the City of Encinitas at SANDAG, MHCP (Multiple Habitat Conservation Program) Advisory and Elected Officials Committees, and other regional planning/habitat management programs. Member of SANDAG Walkable Communities, Bicycle and Pedestrian, and Housing Element Advisory Committees.

CITY OF IMPERIAL BEACH, CA (August 1992 to July 1994)

Community Development Director. Managed the City's planning, Local Coastal Program, environmental, housing, CDBG, code enforcement, and building permit programs. Represented the City on regional planning issues at SANDAG and Multiple Species Conservation Program (MSCP). Provided expert advice and planning staff support to City Council, Planning Commission, and Architectural Design Review Committee. Member of the City's Executive Management team. Led 7-member Planning Department team; administered department budget and daily operations.

CITY OF OCEANSIDE, CA (November 1985 to July 1992)

Professional Assistant. Co-managed the City's Zoning Code Update program. Evaluated existing Zoning Code and drafted comprehensive update adopted by Planning Commission and City Council. Coordinated program with Planning Commission subcommittee, City departments, outside agencies, public officials, community and business groups, and the general public.

Senior Planner. Managed Current Planning Division. Personally managed more than 80 development projects within 5 years (totaling nearly 3,500 housing units and 1.1 million sq. ft. of commercial and industrial space). Supervised staff of 7 planners.

Previous experience as Planning Aide and Planning Intern for public agencies and private environmental review/planning firm.

EDUCATION AND TRAINING

Master of Business Administration, Real Estate Finance • San Diego State University (1992)

Bachelor of Arts with Honors, Geography and Environmental Studies • University of California at Santa Barbara (1986)

AICP Certified Planner (# 9239)

Management Academy graduate • The Centre for Organizational Effectiveness (2004)

Multidisciplinary training in key management competencies, including ethical decision-making, innovation and risk-taking, political acumen, development of high-performance teams, relationship building, conflict management, and leadership.

The International Association for Public Participation graduate • (2008)

Multidisciplinary training in planning, techniques, and communications for effective public participation.

Leadership North County • (2012)

PROFESSIONAL ASSOCIATIONS

American Institute of Certified Planners

American Planning Association

Miguel A. Lopez
3002 Garboso Street
Carlsbad, CA 92009
Mike.Lopez@carlsbadca.gov
(760) 212-2569(C)

FORMAL EDUCATION

San Diego State University, Master in Public Administration

California State University, Long Beach-Bachelor in Science-Vocational Education
With Emphasis in Life & Fire Safety Management

Miramar Community College, Associates in Science-Fire Technology

University of California, San Diego, Paramedic License

FIRE SERVICE EDUCATION

Chief Officer (In Progress)	Certified USAR Task Force Leader
L-380 Fire Service Leadership	L-381 Incident Leadership
NFA-Special Operations Program Mgmt.	Executive Fire Officer (In Progress)
S-401 Safety Officer	OSFM Master Instructor
Fire Prevention Officer I	Strike Team Leader
Hazardous Material Technician CSTI	Fire Officer I
Critical Incident Stress Management	S-236 Staging Area Manager
ICS 200, 300, & 400	Technical Rescue Specialist
California State Teaching Credential	L-580 Leadership in Action Gettysburg Staff Ride

WORK EXPERIENCE

2003 to Present: **Carlsbad Fire Department**, Division Chief/Fire Marshal

1996 to 2002: Battalion Chief, Fire Captain and Firefighter/Paramedic
Held the position of Training Chief

2003 to 2008: **Mercy Air Service**, Flight Paramedic

2002 to 2003: **San Diego Fire-Rescue Department**, Firefighter/Paramedic

1993 to 1996:

Calexico Fire Department, Firefighter/Paramedic

CREDENTIALS

- FEMA USAR CA-TF 8 SAFETY OFFICER
- San Diego County All Hazard Incident Management Team – Safety Officer
- Hazardous Material CSTI Instructor
- FEMA Structural Collapse Instructor
- CA State Fire Training Instructor
- Critical Incident Stress Management Team

DEPARTMENT ASSIGNMENTS

- Incident Commander for the 2014 Poinsettia Fire
- Design & Build – New Joint First Responders Training Facility & Fire Station 3
- Safety Officer
- Training Bureau
- Urban Search & Rescue 22 (TYPE HEAVY)-Program Manger
- SWAT Medic Team Program Manager - Paramedic

SPECIALIZED ASSIGNMENTS

- SWAT Paramedic (2004-Present)
- FEMA USAR CA-Task Force 8 North Zone Representative (2003-Present)
- San Diego County ALL HAZARD Incident Management Team (2012-Present)
- City of Carlsbad Emergency Operations Center- Planning Section Chief
- San Diego Regional Helicopter Crew Member (2004)
- San Diego Hazardous Material Team (2002-03)
- Metropolitan Medical Strike Team (MMST 2002-03)

GOALS

- Obtain National Fire Academy Executive Fire Officer Certification (In Progress)
- Obtain California State Fire Marshal Chief Officer Certification (In Progress)