



City of Costa Mesa

REGULAR CITY COUNCIL AND SUCCESSOR AGENCY TO THE REDEVELOPMENT AGENCY AND HOUSING AUTHORITY

Agenda

Monday, September 13, 2021

5:00 PM

City Council Chambers
77 Fair Drive

SPECIAL CITY COUNCIL AND PLANNING COMMISSION JOINT STUDY SESSION

The City Council meetings are presented in a hybrid format, both in-person at City Hall and virtually via Zoom Webinar. The Governor's Executive Orders N-25-20 and N-29-20 suspend certain requirements of the Brown Act, and City Council Members, Commissioners, and staff may choose to participate in person or by video conference.

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- During the Public Comment Period, use the “raise hand” feature located in the participants’ window and wait for city staff to announce your name and unmute your line when it is your turn to speak. Comments are limited to 3 minutes, or as otherwise directed.

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4. Additionally, members of the public who wish to make a comment on a specific agenda item, may submit a written comment via email to the City Clerk at cityclerk@costamesaca.gov. Comments received by 12:00 p.m. on the date of the meeting will be provided to the City Council, made available to the public, and will be part of the meeting record.

5. While the City does not expect there to be any changes to the above process for participating in this meeting, if there is a change, the City will post the information as soon as possible to the City’s website.

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**SPECIAL CITY COUNCIL AND PLANNING COMMISSION JOINT STUDY
SESSION**

SEPTEMBER 13, 2021 – 5:00 P.M.

JOHN STEPHENS
Mayor

MANUEL CHAVEZ
Council Member - District 4

ANDREA MARR
Mayor Pro Tem - District 3

JEFFREY HARLAN
Council Member - District 6

LOREN GAMEROS
Council Member - District 2

ARLIS REYNOLDS
Council Member - District 5

DON HARPER
Council Member - District 1

City Attorney
Kimberly Hall Barlow

City Manager
Lori Ann Farrell Harrison

BYRON DE ARAKAL
Chair

JON ZICH
Vice Chair

DIANNE RUSSELL
Planning Commissioner

RUSSELL TOLER
Planning Commissioner

ADAM ERETH
Planning Commissioner

TARQUIN PREZIOSI
Assistant City Attorney

JENNIFER LE
Director of Economic and
Development Services

CALL TO ORDER

ROLL CALL

NEW BUSINESS:

PUBLIC REVIEW DRAFT 2021-2029 HOUSING ELEMENT

RECOMMENDATION:

Provide feedback on the Public Review Draft Housing Element before its submittal to the State Department of Housing and Community Development (HCD).

Attachments: [Draft Housing Element](#)
[Revised densities for candidates sites \(545 & 575 Anton Blvd.\)](#)
[Public Comments](#)

ADJOURNMENT



City of Costa Mesa

Agenda Report

77 Fair Drive
Costa Mesa, CA 92626

b File #: 21-375

Meeting Date: 9/13/2021

TITLE:

PUBLIC REVIEW DRAFT 2021-2029 HOUSING ELEMENT

**DEPARTMENT: ECONOMIC AND DEVELOPMENT SERVICES
DEPARTMENT/PLANNING DIVISION**

PRESENTED BY:

JENNIFER LE, DIRECTOR OF ECONOMIC AND DEVELOPMENT SERVICES

**CONTACT INFORMATION: MINOO.ASHABI@COSTAMESACA.GOV
<<mailto:MINOO.ASHABI@COSTAMESACA.GOV>>**

RECOMMENDATION:

Provide feedback on the Public Review Draft Housing Element before its submittal to the State Department of Housing and Community Development (HCD).

BACKGROUND:

The basis of the 2021-2029 sixth cycle Housing Element Update is compliance with the State’s Regional Housing Needs Assessment (RHNA) for the planning and zoning for additional housing units as allocated by the State and the Southern California Association of Governments (SCAG). The following table provides a breakdown of Costa Mesa’s final RHNA allocation:

Table 1 - Final RHNA Allocation					
Income Category	% of Area Median Income (AMI)	Affordable Monthly Rent	Income Range Min. - Max.		RHNA Allocation
Very Low Income	0-50% AMI	\$961 - \$1,281	--	\$64,050	2,919 units
Low Income	51-80% AMI	\$2,561	\$64,051	\$102,450	1,794 units
Moderate Income	81-120% AMI	\$3,090	\$102,451	\$123,600	2,088 units
Above Moderate Income	>120% AMI	>\$3,090	\$123,601	--	4,959 units
Total					11,760 units

During the past year and a half, the City has held several town hall meetings and study sessions

regarding the required Housing Element Update. Study sessions were previously held with the Planning Commission and City Council on March 1, 2021, March 23, 2021, and April 27, 2021. At these study sessions, staff presented information regarding the RHNA process, new State housing regulations, consequences of non-compliance with State Housing Element law, Costa Mesa's demographics and preliminary Community Profile data, a summary of community outreach efforts and feedback, and an introduction to the housing plan and the sites analysis process. The September 13, 2021 study session is the fourth publicly noticed study session regarding the housing element update and process.

The staff reports and meeting videos for previous study sessions are available at the following links:

March 1, 2021 Planning Commission Study Session Staff Report:

<http://ftp.costamesaca.gov/costamesaca/planningcommission/agenda/2021/2021-03-01/SR-1.pdf>

Meeting Video:

https://costamesa.granicus.com/player/clip/3670?view_id=10&redirect=true

March 23, 2021 City Council Study Session Staff Report:

<http://ftp.costamesaca.gov/costamesaca/council/agenda/2021/2021-03-23/Item-1.pdf>

Meeting Video:

https://costamesa.granicus.com/player/clip/3697?view_id=10&redirect=true

April 27, 2021 City Council and Planning Commission Joint Study Session Staff Report:

<http://ftp.costamesaca.gov/costamesaca/council/agenda/2021/2021-04-27/Item-1.pdf>

Meeting Video:

https://costamesa.granicus.com/player/clip/3710?view_id=10&redirect=true

ANALYSIS:

At the April 27, 2021 joint Planning Commission/City Council study session, a number of issues were discussed and feedback was received by the public, Planning Commission, and City Council. The purpose of the study session was to provide an opportunity for feedback on the proposed focus areas and corridors for potential housing and the housing opportunity sites and recommended densities within those corridors to finalize the City Council's high-level housing goals. The following is a summary of general comments received during the study session and how they have been addressed in the Public Review Draft Housing Element.

Planning Commission Comments:

- 1) Consider 4-plex and 6-plex bungalows in single family neighborhoods since they maintain the same height and streetscape.
 - The 4-plex and 6-plex development types can integrate well with established low-density residential neighborhoods. Staff will continue to evaluate how such housing types may be incorporated into the City's planning and zoning codes. However, for Housing Element purposes, the State requires a minimum density of 30 du/acre to demonstrate compliance with RHNA requirements for the provision of housing in affordable categories. The incremental increase in housing in established single family neighborhoods will be addressed through ADU and JADUs and other incremental

changes.

- 2) Plans for housing should be integrated with more open space and consideration of the existing network of neighborhoods.
 - Open space and other development standards will be evaluated with the comprehensive zoning code and general plan updates following adoption of the Housing Element.
- 3) Encouraged removal of the Mesa West Residential Ownership urban plan.
 - The Draft Housing Element includes a program for the potential removal of this urban plan following Housing Element adoption.
- 4) Add residential units on the 17th Street corridor as mixed-use development and around the airport area as alternative housing sites.
 - The Draft Housing Element includes programs for further study of these corridors for potential housing opportunities. Even though specific sites in these areas are not identified as housing opportunity sites, the City could consider these locations as potential housing areas in the future.
- 5) The City should be proactive in its conversation with faith-based organizations for use of their properties for affordable housing.
 - Programs to continue the conversation with the faith-based community are included in the Draft Housing Element. Please refer to Program 3J.
- 6) Infrastructure studies (water, sewer, etc) should be considered in planning for additional housing units.
 - As part of the Housing Element Update, the City will prepare an environmental study that will include high-level studies related to infrastructure and public services at a program level. Additional more detailed studies would be undertaken as part of the zoning and General Plan Updates that would be necessary to implement the Housing Element programs.
- 7) Discussed a citizen advisory committee related to Measure Y.
 - Staff will be undertaking a larger community conversation about the necessity of a compliant Housing Element and the Measure Y process, which include formation of an advisory group. The City anticipates the General Plan and zoning changes necessary to implement the Housing Element will be subject to Measure Y.
- 8) Consideration should be given to environmental justice goals and affirmative fair housing related to air quality and quality of life with placement of housing along major freeways, near airports, etc.
 - Environmental justice and fair housing goals are incorporated into the fabric of the Housing Element and staff agrees these goals must be a part of future General Plan and zoning actions related to Housing Element implementation. The Draft Housing Element identifies housing opportunity sites along the 405 Freeway such as the Home Ranch and Sakioka sites. These sites are very large and would allow for site planning of mixed-use projects including housing and office use that would allow for site planning solutions including sufficient setbacks for residential units. No housing opportunity sites have been identified along the airport industrial area though staff have included a Housing Element Program to further study this potential.
- 9) With the potential for housing along Newport Boulevard, Harbor Boulevard and the 17th Street corridors, visioning for these areas and form based codes should be considered to provide flexibility in development while maintaining the streetscape and human scale of development.
 - Through public outreach and comments received from the City Council and Planning

Commission, staff recognizes that there is strong support in the community for developing a specific vision for each of the corridors as identified in the Draft Housing Element for future growth. Visioning exercises and the potential for form-based codes will be evaluated during the general plan and zoning changes that follow the Housing Element.

City Council Comments:

- 1) Is 850 ADUs in relation to the number of residential lots a realistic assumption?
 - The ADU assumptions are realistic based on the number of applications received in the first 6 months of 2021. The City has also experienced an uptick in the number of ADU proposals in multi-family sites that could lead to even more ADUs than anticipated.
- 2) The City should consider tracking ADU affordability and data on units occupied by family members.
 - Although there is not City specific data for ADU affordability rates, the Draft Housing Element uses the safe harbor assumptions resulting from SCAG a specific study of the Orange County area. The City could request information on anticipated rental prices or family member occupancy figures at the time of application. The Draft Housing Element recognizes that ADU programs will need to be monitored for effectiveness and includes this in Program 3L of the Housing Plan.
- 3) Understanding the reasons for Costa Mesa having the lowest number of housing development in the neighboring cities.
 - The City has experienced a decline in larger development applications in the past several years. Based on general feedback from the development community, this could be due to the uncertainty introduced by Measure Y. However, smaller developments that are below the 40 dwelling unit threshold have been processed since 2016 including a 38-unit development on Newport Boulevard. The Draft Housing Element refers to Measure Y as a potential constraint for housing development and that a vote of the people will be required to fully implement the adopted housing element as drafted. Please refer to Chapter 4, Housing Plan, Program 3G.
- 4) Importance of communication with the public on data gathered and how the data is being incorporated.
 - The Draft Housing Element includes a comprehensive summary of all public meetings, town halls, surveys and individual submittals. Please refer to Appendix C of the Draft Housing Element.
- 5) Emphasize the importance of Community Profile and how it is used to formulate the housing plan such as the aging population and their housing needs.
 - The Community Profile includes detailed data on the population, housing and income levels. Based on this data, the housing programs and policies included in the Housing Element Update recognize the needs of seniors, large households and the affordability needs for various households. Although the Housing Element includes the opportunity sites and the programs to address housing needs, some of the incentive to develop these sites are market driven and may need to be adjusted at project level such as the mix of bedrooms in a development or universal design features, etc. Please refer to Section 4, Housing Plan Program 2D and 2E.
- 6) Integrate senior housing with the rest of the community to promote healthy aging.
 - The Draft Housing Element recognizes that specific features of co-housing and multi-

- generational housing needs to be further studied and included in development standards and guidelines in the general plan and zoning code update. Please refer to Chapter 4, Housing Plan, Program 3E.
- 7) Consider public gathering spaces as much as open space in planning of housing developments.
 - The visioning exercises for specific corridors will include public open spaces and streetscapes studies appropriate for each neighborhood. This effort will be addressed with the General Plan and zoning code amendments following the Housing Element's adoption.
 - 8) Keep studying the airport area as a potential housing opportunity area for younger professionals.
 - As directed by City Council, this area will be evaluated for potential housing opportunities. Coordination with the Airport Land Use Commission will be required. Please see Chapter 4, Housing Plan, Program 3H.
 - 9) Housing units should include a variety of household types such as singles, single parent households and larger families.
 - The Draft Housing Element includes a comprehensive Community Profile that breaks down household types and their housing needs such as non-family households, which have increased in the past decade to more than 40 percent. Please refer to Chapter 4, Housing Plan, Program 3F.
 - 10) Consider hotel/ motel conversion options and using available state funding for such.
 - The City will evaluate the potential benefits of motel conversion, co-living and efficiency housing options. Please refer to Chapter 4, Housing Plan, Program 3F.
 - 11) Consider pre-approved ADU plans to incentivize ADU development.
 - The Draft Housing Element includes a program to promote development of ADUs such as permit ready plans, waiver or reduction of permit fees, expedited plan checks and exploring other funding options. Please refer to Chapter 4, Housing Plan, Program 3E.
 - 12) Discuss housing development options with smaller developers and adjust programs and fees to accommodate large and small size developments.
 - This would require fee studies and additional analysis to formulate an objective basis for varying housing development types. Local developers have been involved in the outreach process and have stated timing and streamlining of project review as an opportunity to improve the development environment.

Public Review Draft Housing Element

Following the April 27, 2021 study session, staff and the City's expert housing consultants prepared the Public Review Draft Housing Element, incorporating feedback from the prior public town halls and study sessions. The Public Review Draft was posted online at the City's website on August 17, 2021 and hardcopies were available at City Hall, the Donald Dungan Library and the Mesa Verde Library. Approximately 40,000 flyers were mailed to Costa Mesa residents City-wide and the release was widely publicized via social media, community platforms and through local contacts with community organizations. Comments on the public review draft are being accepted through September 15, 2021.

As of the writing of this report, the City has received seven written comments via email and six online submissions. Public comments are provided as an attachment to this report and generally pertain to:

- the inclusion of the Chargers / The Hive site as a housing opportunity site;

- the inclusion of local hire requirements for development;
- new housing being visually attractive, and include greenbelts, sound walls, be located near jobs, transit stops and high-resource neighborhoods;
- increase densities to make housing projects more financially feasible and encourage mixed income higher density communities, as well as other housing options like co-housing and motel conversions;
- consider whether the Casa Bella Apartments should be listed as an “at risk” affordable housing development (i.e. an affordable housing project “at risk” of converting to market rate units); and
- consider how assisted living and group living are counted toward the City’s housing need.

September 2, 2021 Town Hall Meeting

Staff held a town hall meeting on September 2, 2021 to discuss and receive feedback regarding the Public Review Draft. The meetings were virtual and provided in English and Spanish. More than 60 individuals participated in the English language breakout room and six in the Spanish language breakout room.

Topics discussed at the town hall meeting included:

- the need for an inclusionary housing ordinance and requiring affordable housing in conjunction with added densities;
- consideration of potential quality of life impacts that may result from higher densities
- use of consistent data related to housing cost burden;
- options and incentives for development of Single Room Occupancies (SROs);
- number of ADUs assumed in the Draft Housing Element;
- consideration of reduced parking and setbacks to incentivize development;
- graphics that show comparison of existing and proposed densities on the identified housing opportunity corridors;
- use of federal monies to encourage higher density development as appropriate;
- affordable housing units assumed for the State-owned Fairview Developmental Center;
- assumptions regarding affordable housing on sites with Development Agreements; and
- consideration of the impacts of added housing units to sewer, water, traffic, other infrastructure and public services including police and fire services.

Housing Element Guiding Principles

Based on input from the community, local officials and business community, and with consideration of the State’s requirements, the City established four guiding principles that were referenced throughout the Housing Element Update process, which shaped the sites analysis process and development of the housing goals, programs, and policies. The guiding principles are rooted in community engagement and local knowledge as follows:

- The City will plan for responsible growth that is fitting for each of the unique areas within the City with the understanding that the different characteristics, even within districts, result in different housing needs and appropriate housing types.
- The City will engage the Costa Mesa community at multiple times throughout the Housing Element update to incorporate local knowledge and input into the planning process.

- The City will create a plan, which meets the local needs of the community as well as the requirements of the State Department of Housing and Community Development (HCD).
- The City will develop actionable policies and programs that address identified constraints within the community profile analysis.

Based on community feedback, the Housing Element identifies housing opportunity sites within “focus areas” and along major corridors in the City that are most suitable for potential future housing growth. These areas include:

- Area north of the 405 Freeway
- SoBECA
- Harbor Boulevard corridor
- Placentia Avenue corridor
- West 19th Street corridor
- Mesa West Bluffs area/ southern portion of Newport Boulevard

Within these corridors and areas, housing opportunity sites were identified for purposes of establishing compliance with RHNA, based on certain criteria.

Housing Element Organization

The Draft Housing Element represents the City’s policy program for the 2021-2029 6th Planning Period. The Draft Housing Element is comprised of the following Chapters:

- Chapter 1: The Introduction contains a summary of the content, organization and statutory considerations of the Housing Element;
- Chapter 2: Community Profile contains an analysis of the City’s population, household and employment base, and the characteristics of the housing stock;
- Chapter 3: Housing Constraints, Resources, and Fair Housing examines governmental and non-governmental constraints on production, maintenance, and affordability of housing and provides a summary of housing resources, including sites identification and funding and financial considerations; and
- Chapter 4: Policy Plan addresses Costa Mesa’s identified housing needs, including housing goals, policies, and programs.
- Appendices provide supplementary background resources including:
 - Appendix A - Review of Past Performance of 5th Cycle Programs
 - Appendix B - Summary of Adequate Sites Analysis
 - Appendix C - Summary of Outreach
 - Appendix D - Glossary of Housing Terms

Chapter 1 - Introduction

The Introduction covers the basics of Housing Element requirements and the related State requirements; includes a reference to all required sections of the Housing Element; and refers to the guiding principles that directed all chapters and the related data sources.

Chapter 2 - Community Profile

The Community Profile provides an analysis of the Costa Mesa population and housing stock for policy considerations within this Housing Element. The Costa Mesa community's housing needs are directly correlated to the demographic composition of the population and the conditions of existing housing within the City. The data analyzed in this Community Profile sets the baseline for the Housing Element goals, policies, and programs, which are uniquely adapted to fit the needs of Costa Mesa. The following tables include a few excerpts of the data and highlights specific characteristics of the Costa Mesa population, household types and income levels.

Table 2-4: Racial and Ethnic Composition, 2010-2018

Race/Ethnicity	2010	2015	2018	Percent Change 2010 to 2015	Percent Change 2015 to 2018
White	72.3%	66.7%	71.6%	-5.6%	4.9%
Black	1.2%	1.6%	1.9%	0.4%	0.3%
American Indian and Alaska Native	0.4%	0.3%	0.4%	-0.1%	0.1%
Asian	9%	9%	8.4%	0%	-0.6%
Native Hawaiian or Other Pacific Islander	0.6%	0.5%	0.7%	-0.1%	0.2%
Some Other Race	14.1%	18.2%	13%	4.1%	-5.2%
Two or More Races	2.4%	3.6%	4%	1.2%	0.4%
Hispanic or Latino	34.2%	35.7%	36.1%	1.5%	0.4%

Source: American Community Survey, 5-Year Estimates, 2010, 2015, and 2018.

Table 2-10: Changes in Household Types, 2010-2018

Household Types	2010	Percent	2015	Percent	2018	Percent
Married-couple Family Households	17,127	42.7%	17,039	41.7%	17,568	42.8%
Female Household, No Spouse Present	4,196	10.5%	4,746	11.6%	4,191	10.2%
Male Household, No Spouse Present	2,564	6.4%	2,371	5.8%	2,751	6.7%
Nonfamily Household	16,217	40.4%	16,752	41%	16,509	40.2%
Total Households	40,104	100%	40,908	100%	41,019	100%

Source: American Community Survey, 5-Year Estimates, 2010, 2015, 2018.

Income Category (% of Orange County's AMFI)	No. of Households	Percent
Extremely Low (30% AMFI or less)	6,610	16.3%
Very Low (31 to 50% AMFI)	5,220	12.9%
Low (51 to 80% AMFI)	7,325	18.1%
Moderate or Above (over 80% AMFI)	21,405	52.8%
Total	40,555	100%

Source: Department of Housing and Urban Development (HUD) Comprehensive Housing Affordability Strategy (CHAS), 2013-2017.

For the full analysis of the population, income, household characteristics and housing needs, please refer to Chapter 2 of the Draft Housing Element.

Based on the data presented in Chapter 2, the City will need to consider the following findings in development of the housing programs and policies:

- The Costa Mesa population is showing aging trends - housing goals should consider the needs of seniors who may have less flexible income, need accessibility accommodations, or may seek assisted living options.
- Over a quarter of the Costa Mesa population identifies as Hispanic or Latino - housing needs should account for possible cultural needs such as larger or multigenerational housing units. Additionally, housing information should be made available in Spanish to assist in the location of appropriate housing within the community.
- Approximately 47 percent of the Costa Mesa population earn a lower income, indicating that production of and access to affordable housing (i.e. housing affordable to Costa Mesa households who earn 80% of the Orange County Area Median or AMI) and homeownership facilitation should be considered.
- Costa Mesa housing units experienced the lowest growth in the past decade in comparison to neighboring cities - the following section analyzes potential constraints, which may be playing a role in the slowing of residential development in Costa Mesa. If identified, housing goals should be considered which look to mitigate or eliminate those constraints.
- The majority of housing units in Costa Mesa were built over 30 years ago - households in older homes may benefit from assistance in renovating their homes and ensuring safe living environments with access to all utilities.

Chapter 3 - Housing Constraints, Resources and Fair Housing

This section focuses on the variety of factors that could affect the number, type, and affordability of housing and the rate of housing development in a community including governmental housing constraints. Governmental constraints in Costa Mesa may include land use controls, residential development standards, development and permitting fees, and permitting processes, amongst other constraints. Nongovernmental constraints may include the cost of land, construction costs, including materials and labor, availability of financing, and the local economic conditions. These factors could incentivize or create barriers for the maintenance and addition of housing in Costa Mesa, and predominantly affordable housing. This section also identifies Measure Y as a potential constraint to implementation of a compliant Housing Element and the development of housing projects in Costa Mesa. The measure requires significant capital investment while introducing uncertainty for

investments due to uncertain election results regardless of the merits of any particular project.

Chapter 4 - Housing Plan

The Housing Plan describes the specific goals, policies, and programs to assist City decision makers to achieve the long-term housing objectives set forth in the Costa Mesa Housing Element. This Plan identifies goals, policies, and programs aimed at providing additional housing opportunities, removing governmental constraints to affordable housing, improving the condition of existing housing, and providing equal housing opportunities for all residents. These goals, policies, and programs are drafted to further a more diverse, sustainable, and balanced community through implementation of strategies and programs that will result in economically and socially diversified housing choices while preserving the special character of Costa Mesa.

The following housing goals have been included in the Draft Housing Element Update:

- Housing Goal #1: Preservation, conservation, and enhancement of existing housing stock and residential neighborhoods within Costa Mesa.
- Housing Goal #2: Providing a range of housing choices for all social and economic segments of the community, including housing for persons with special needs.
- Housing Goal #3: Identification of adequate, suitable sites for residential use and development to meet the City's Regional Housing Needs Assessment (RHNA) at all income levels.
- Housing Goal #4: Existing and future housing opportunities open and available to all social and economic segments of the community without discrimination on the basis of race, color, religion, sex, sexual orientation, disability/medical conditions, national origin or ancestry, marital status, age, household composition or size, source of income, or any other arbitrary factors.

Each one of the housing goals are implemented through housing programs which are actions the City commits to taking to implement its housing plan within specific timeframes over the 8-year Housing Element planning period. Highlights of the housing programs include:

- Program 2A - Inclusionary Housing Ordinance
- Program 2D - Senior Housing Options
- Program 2E - Housing Options for Large Family Households
- Program 3B - Fairview Development Center
- Program 3C - Update the North Costa Mesa Specific Plan
- Program 3D - Update the City's Urban Plans and Overlays
- Program 3E - Promote the Development of Accessory Dwelling Units
- Program 3F - Motel Conversions/Efficiency Units and Co-Living Housing Types
- Program 3G - Measure Y
- Other programs related to evaluating the potential for future housing opportunities along the 17th Street corridor, Airport Industrial Area, and church-owned sites.

Appendix A - Review of Past Performances

This section is an evaluation of the 5th cycle's Policy Program and considers all current and existing programs and projects, as well as the most current effectiveness and appropriateness for the 2021-

2029 6th Cycle.

Appendix B - Site Analysis

The Housing Element is required to identify potential candidate housing sites by income category to meet the City's RHNA Allocation. The sites identified within the Draft Housing Element represent the City of Costa Mesa's ability to plan for housing at the designated income levels within the 6th housing cycle planning period (2021-2029). As described in this appendix, the development capacity for each site depends largely on its location within the City, a specific plan or urban plan area as well as known development factors. Where possible, property owners were consulted to help the City better understand potential future housing growth on candidate housing sites within the City.

The analysis within this appendix shows that the City has the capacity to meet 2021-2029 RHNA allocation through a variety of methods, including:

- Identification of development capacity on sites which either currently permit or would be rezoned to permit development of residential uses at or above 30 dwelling units per acre
- Identification of City owned properties suitable for the development of housing
- Future development of accessory dwelling units (ADUs)

Appendix C - Community Outreach

As part of the 6th Cycle Housing Element Update process, the City of Costa Mesa has conducted extensive public outreach activities beginning in fall 2020. These outreach efforts included virtual town hall Meetings, District Specific Workshops, Stakeholder Meetings, City Council and Planning Commission Study Sessions, Online Community Survey, digital media and engagement, and noticed Public Hearings. Project materials, including recordings from town hall and public meetings, notices, and draft public review documents are available on the City's website:

www.costamesaca.gov/housing-element-update <<http://www.costamesaca.gov/housing-element-update>>.

Next Steps and Timeline

The study session is the final opportunity for City Council and Planning Commission feedback and revisions to the Public Review Draft Housing Element before staff submits the document to State HCD for review. The State has 60 days to provide comments on the Housing Element.

After staff receives the State's comments, the Housing Element will be modified to respond and then scheduled for a formal public hearing with the Planning Commission for a recommendation, and City Council afterward for final approval. These hearings are anticipated to occur in December 2021/January 2022. An approved Housing Element must be submitted to the State by February 11, 2022 (which is within 120 days of the statutory deadline of October 15, 2021).

ALTERNATIVES:

No Housing Element decisions are being made at the Study Session; therefore, alternatives are not necessary.

FISCAL REVIEW:

There are no fiscal impacts associated with the study session.

LEGAL REVIEW:

The City Attorney's Office has reviewed this report and approves it as to form.

CITY COUNCIL GOALS AND PRIORITIES:

Diversify, stabilize and increase housing to reflect community needs.

CONCLUSION:

Staff is seeking additional Planning Commission, City Council and public feedback prior to submission of the Draft Housing Element to the State Department of housing and Community Development for its review and concurrence.

September 13, 2021

City Council/ Planning Commission Joint Study Session

Attachment 1 to Staff Report

The Draft Housing Element is available on the City's Website. Due to the size of the draft Housing Element, click on the link below to view the document.

1. [Cover](#)
2. [Introduction](#)
3. [Profile](#)
4. [Housing Constraints, Resources, and Affirmatively Furthering Fair Housing](#)
5. [Housing Plan](#)
6. [Appendix A - Review of Past Performance](#)
7. [Appendix B - Candidate Sites Analysis Overview](#)
8. [Appendix C - Summary of Community Engagement](#)
9. [Appendix D - Glossary of Housing Terms](#)

September 13, 2021

City Council/ Planning Commission Joint Study Session

Attachment 2

During the Public Review period, a discrepancy in the anticipated density for candidate sites 206 and 207 was noticed. Prior to sending the Housing Element to HCD for review, the document will be revised to indicate a development yield on these sites at 90 dwelling units per acre, consistent with the other sites within the North Costa Mesa Specific Plan. Future development on these and all sites within the Housing Element will be subject to the applicable development standards within that area. 90 du/ac is an appropriate planning assumption for the Housing Element document.

APN	Unique ID	ADDRESS	OWNER	ZONING	COUNCIL DISTRICT	Specific Plans	Size (Ac)	Density	Vacant	Potential Consolidation	Used in 5 th Cycle	Total Units	Very Low (20%)	Low (10%)	Moderate (20%)	Above Moderate (50%)	Notes
410-501-25	206	545 Anton Blvd	JKS-CMFV LLC	PDC	2	North Costa Mesa	0.74	90				66	13	6	13	34	Small commercial our parcel uses. Property owner has indicated interest in redeveloping the site for residential uses.
410-501-36	207	575 Anton Blvd	JKS-CMFV LLC	PDC	2	North Costa Mesza	1.82	90				164	32	16	32	64	Small commercial our parcel uses. Property owner has indicated interest in redeveloping the site for residential uses.

September 13, 2021

City Council/ Planning Commission Joint Study Session

Attachment 3 to Staff Report

A total of 13 written public comments have been received to date which include comments directly emailed to City Staff as well as submittal of the online survey form. The main topics included in the public comments are:

- The inclusion of the Chargers / The Hive site as a housing opportunity site
- The inclusion of local hire requirements
- New housing being visually attractive, and include greenbelts, sound walls, be located near jobs, transit stops and high-resource neighborhoods
- Increase densities to make housing projects more financially feasible and encourage mixed income higher density communities, as well as other housing options like co-housing and motel conversions.
- Consider whether Casa Bella Apartments should be listed as an at Risk affordable developments
- Consider how assisted living and group living are counted toward the City's housing need

Refer to the attached public comments.



Invesco Real Estate

620 Newport Center Drive
Suite 350
Newport Beach, CA 92660
Telephone (949) 222-6380
Facsimile (949) 222-6376

www.invesco.com

August 30, 2021

Mayor John Stephens
77 Fair Drive
Costa Mesa, CA 92626

Re: The Hive

Dear Mayor Stephens,

Thank you for taking the time last week to discuss Invesco's ownership and future growth plans for The Hive and The Press properties. As we discussed, Invesco (\$85.8B in Assets Under Management as of June 30, 2021) has made a substantial investment in The Press and The Hive and view these investments as long term in nature. We are very pleased with having Anduril Industries locating their headquarters at The Press. Anduril anticipates over 2,000 employees at this location which is a very strong economic driver for the City of Costa Mesa and surrounding communities.

With respect to The Hive, we acquired this asset with the understanding that the Charger's tenancy would be temporary in nature. The Charger's practice field is not adequate in size to effectively run their practices. We understand that the Chargers are actively seeking alternative locations that are more suitable for their operations. While the Chargers have certain termination rights, there is the possibility that they may seek to leave earlier than anticipated. For this reason, we need to prepare to plan for that occurrence and plan for a multi-family project on the field site. We have had success in other such mixed-use properties throughout the country and would seek to replicate this at The Hive.

As we discussed, we are prepared to advance a Specific Plan on the site concurrent with the City's General Plan update. For us to justify investing the funds in this process, it is important we communicate to our investors that the field site has been included in the city's upcoming Housing Element Update. From a planning perspective we believe the site is ideal. In addition to being located directly adjacent to Anduril, the site is walking distance to a host of current and future employers in North Costa Mesa area.

We appreciate your support to include the site in the Housing Element Update and are hopeful that other Council and Planning Commission Members agree.

If you have any further questions, please contact me at 949-222-6390.

Sincerely,

A handwritten signature in blue ink, appearing to read "Peter Cassiano", with a stylized flourish at the end.

Peter Cassiano
Managing Director

P: (626) 381-9248
F: (626) 389-5414
E: info@mitchtsailaw.com



Mitchell M. Tsai
Attorney At Law

139 South Hudson Avenue
Suite 200
Pasadena, California 91101

VIA E-MAIL

September 1, 2021

Minoo Ashabi, Principal Planner
City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92626

Em: housing-element@costamesaca.gov

RE: City of Costa Mesa Draft 2021-2029 Housing Element Update

To Whom It May Concern,

On behalf of the Southwest Regional Council of Carpenters (“**Commenter**” or “**Southwest Carpenters**”), my Office is submitting these comments on the City of Costa Mesa’s (“**City**” or “**Lead Agency**”) draft 2021-2029 update to the City’s General Plan Housing Element (“**Draft HEU**” or “**Project**”).

The Southwest Carpenters is a labor union representing more than 50,000 union carpenters in six states and has a strong interest in well ordered land use planning and addressing the environmental impacts of development projects.

Individual members of the Southwest Carpenters live, work, and recreate in the City and surrounding communities and would be directly affected by the Project’s environmental impacts.

Commenters expressly reserve the right to supplement these comments at or prior to hearings on the Project, and at any later hearings and proceedings related to this Project. Cal. Gov. Code § 65009(b); Cal. Pub. Res. Code § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

Commenters expressly reserve the right to supplement these comments at or prior to hearings on the Project, and at any later hearings and proceedings related to this Project. Cal. Gov. Code § 65009(b); Cal. Pub. Res. Code § 21177(a); *Bakersfield Citizens for Local Control v. Bakersfield* (2004) 124 Cal. App. 4th 1184, 1199-1203; see *Galante Vineyards v. Monterey Water Dist.* (1997) 60 Cal. App. 4th 1109, 1121.

Commenters incorporate by reference all comments raising issues regarding the EIR submitted prior to certification of the EIR for the Project. *Citizens for Clean Energy v City of Woodland* (2014) 225 Cal. App. 4th 173, 191 (finding that any party who has objected to the Project’s environmental documentation may assert any issue timely raised by other parties).

Moreover, Commenters request that the Lead Agency provide notice for any and all notices referring or related to the Project issued under the California Environmental Quality Act (“**CEQA**”), Cal Public Resources Code (“**PRC**”) § 21000 *et seq*, and the California Planning and Zoning Law (“**Planning and Zoning Law**”), Cal. Gov’t Code §§ 65000–65010. California Public Resources Code Sections 21092.2, and 21167(f) and Government Code Section 65092 require agencies to mail such notices to any person who has filed a written request for them with the clerk of the agency’s governing body.

The City should require the use of a local skilled and trained workforce to benefit the community’s economic development and environment. The City should require the use of workers who have graduated from a Joint Labor Management apprenticeship training program approved by the State of California, or have at least as many hours of on-the-job experience in the applicable craft which would be required to graduate from such a state approved apprenticeship training program or who are registered apprentices in an apprenticeship training program approved by the State of California.

Community benefits such as local hire and skilled and trained workforce requirements can also be helpful to reduce environmental impacts and improve the positive economic impact of the Project. Local hire provisions requiring that a certain percentage of workers reside within 10 miles or less of the Project Site can reduce the length of vendor trips, reduce greenhouse gas emissions and providing localized economic benefits. Local hire provisions requiring that a certain percentage of workers reside within 10 miles or less of the Project Site can reduce the length of vendor trips, reduce greenhouse gas emissions and providing localized economic benefits. As environmental consultants Matt Hagemann and Paul E. Rosenfeld note:

[A]ny local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling.

Skilled and trained workforce requirements promote the development of skilled trades that yield sustainable economic development. As the California Workforce Development Board and the UC Berkeley Center for Labor Research and Education concluded:

. . . labor should be considered an investment rather than a cost – and investments in growing, diversifying, and upskilling California’s workforce can positively affect returns on climate mitigation efforts. In other words, well trained workers are key to delivering emissions reductions and moving California closer to its climate targets.¹

Local skilled and trained workforce requirements and policies have significant environmental benefits since they improve an area’s jobs-housing balance, decreasing the amount of and length of job commutes and their associated greenhouse gas emissions. Recently, on May 7, 2021, the South Coast Air Quality Management District found that that the “[u]se of a local state-certified apprenticeship program or a skilled and trained workforce with a local hire component” can result in air pollutant reductions.²

Cities are increasingly adopting local skilled and trained workforce policies and requirements into general plans and municipal codes. For example, the City of Hayward 2040 General Plan requires the City to “promote local hiring . . . to help achieve a more positive jobs-housing balance, and reduce regional commuting, gas consumption, and greenhouse gas emissions.”³

¹ California Workforce Development Board (2020) Putting California on the High Road: A Jobs and Climate Action Plan for 2030 at p. ii, *available at* <https://laborcenter.berkeley.edu/wp-content/uploads/2020/09/Putting-California-on-the-High-Road.pdf>.

² South Coast Air Quality Management District (May 7, 2021) Certify Final Environmental Assessment and Adopt Proposed Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions Program, and Proposed Rule 316 – Fees for Rule 2305, Submit Rule 2305 for Inclusion Into the SIP, and Approve Supporting Budget Actions, *available at* <http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2021/2021-May7-027.pdf?sfvrsn=10>.

³ City of Hayward (2014) Hayward 2040 General Plan Policy Document at p. 3-99, *available at* https://www.hayward-ca.gov/sites/default/files/documents/General_Plan_FINAL.pdf.

In fact, the City of Hayward has gone as far as to adopt a Skilled Labor Force policy into its Downtown Specific Plan and municipal code, requiring developments in its Downtown area to requiring that the City “[c]ontribute to the stabilization of regional construction markets by spurring applicants of housing and nonresidential developments to require contractors to utilize apprentices from state-approved, joint labor-management training programs, . . .”⁴ In addition, the City of Hayward requires all projects 30,000 square feet or larger to “utilize apprentices from state-approved, joint labor-management training programs.”⁵

Locating jobs closer to residential areas can have significant environmental benefits. As the California Planning Roundtable noted in 2008:

People who live and work in the same jurisdiction would be more likely to take transit, walk, or bicycle to work than residents of less balanced communities and their vehicle trips would be shorter. Benefits would include potential reductions in both vehicle miles traveled and vehicle hours traveled.⁶

In addition, local hire mandates as well as skill training are critical facets of a strategy to reduce vehicle miles traveled. As planning experts Robert Cervero and Michael Duncan noted, simply placing jobs near housing stock is insufficient to achieve VMT reductions since the skill requirements of available local jobs must be matched to those held by local residents.⁷ Some municipalities have tied local hire and skilled and trained workforce policies to local development permits to address transportation issues. As Cervero and Duncan note:

In nearly built-out Berkeley, CA, the approach to balancing jobs and housing is to create local jobs rather than to develop new housing.” The city’s First Source program encourages businesses to hire local residents,

⁴ City of Hayward (2019) Hayward Downtown Specific Plan at p. 5-24, *available at* <https://www.hayward-ca.gov/sites/default/files/Hayward%20Downtown%20Specific%20Plan.pdf>.

⁵ City of Hayward Municipal Code, Chapter 10, § 28.5.3.020(C).

⁶ California Planning Roundtable (2008) Deconstructing Jobs-Housing Balance at p. 6, *available at* <https://cprroundtable.org/static/media/uploads/publications/cpr-jobs-housing.pdf>

⁷ Cervero, Robert and Duncan, Michael (2006) Which Reduces Vehicle Travel More: Jobs-Housing Balance or Retail-Housing Mixing? *Journal of the American Planning Association* 72 (4), 475-490, 482, *available at* <http://reconnectingamerica.org/assets/Uploads/UTCT-825.pdf>.

especially for entry- and intermediate-level jobs, and sponsors vocational training to ensure residents are employment-ready. While the program is voluntary, some 300 businesses have used it to date, placing more than 3,000 city residents in local jobs since it was launched in 1986. When needed, these carrots are matched by sticks, since the city is not shy about negotiating corporate participation in First Source as a condition of approval for development permits.

The City should consider utilizing skilled and trained workforce policies and requirements to benefit the local area economically and mitigate greenhouse gas, air quality and transportation impacts.

I. CONCLUSION

Commenters request that the City consider the aforementioned issues raised. Please contact my Office if you have any questions or concerns.

Sincerely,



Mitchell M. Tsai
Attorneys for Southwest Regional
Council of Carpenters

Attached:

March 8, 2021 SWAPE Letter to Mitchell M. Tsai re Local Hire Requirements and Considerations for Greenhouse Gas Modeling (Exhibit A);

Air Quality and GHG Expert Paul Rosenfeld CV (Exhibit B); and

Air Quality and GHG Expert Matt Hagemann CV (Exhibit C).

EXHIBIT A



Technical Consultation, Data Analysis and
Litigation Support for the Environment

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Paul E. Rosenfeld, PhD
(310) 795-2335
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March 8, 2021

Mitchell M. Tsai
155 South El Molino, Suite 104
Pasadena, CA 91101

Subject: Local Hire Requirements and Considerations for Greenhouse Gas Modeling

Dear Mr. Tsai,

Soil Water Air Protection Enterprise (“SWAPE”) is pleased to provide the following draft technical report explaining the significance of worker trips required for construction of land use development projects with respect to the estimation of greenhouse gas (“GHG”) emissions. The report will also discuss the potential for local hire requirements to reduce the length of worker trips, and consequently, reduced or mitigate the potential GHG impacts.

Worker Trips and Greenhouse Gas Calculations

The California Emissions Estimator Model (“CalEEMod”) is a “statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas (GHG) emissions associated with both construction and operations from a variety of land use projects.”¹ CalEEMod quantifies construction-related emissions associated with land use projects resulting from off-road construction equipment; on-road mobile equipment associated with workers, vendors, and hauling; fugitive dust associated with grading, demolition, truck loading, and on-road vehicles traveling along paved and unpaved roads; and architectural coating activities; and paving.²

The number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.³

¹ “California Emissions Estimator Model.” CAPCOA, 2017, available at: <http://www.aqmd.gov/caleemod/home>.

² “California Emissions Estimator Model.” CAPCOA, 2017, available at: <http://www.aqmd.gov/caleemod/home>.

³ “CalEEMod User’s Guide.” CAPCOA, November 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.

Specifically, the number and length of vehicle trips is utilized to estimate the vehicle miles travelled (“VMT”) associated with construction. Then, utilizing vehicle-class specific EMFAC 2014 emission factors, CalEEMod calculates the vehicle exhaust, evaporative, and dust emissions resulting from construction-related VMT, including personal vehicles for worker commuting.⁴

Specifically, in order to calculate VMT, CalEEMod multiplies the average daily trip rate by the average overall trip length (see excerpt below):

$$\text{“VMT}_d = \Sigma(\text{Average Daily Trip Rate}_i * \text{Average Overall Trip Length}_i)_n$$

Where:

n = Number of land uses being modeled.”⁵

Furthermore, to calculate the on-road emissions associated with worker trips, CalEEMod utilizes the following equation (see excerpt below):

$$\text{“Emissions}_{\text{pollutant}} = \text{VMT} * \text{EF}_{\text{running,pollutant}}$$

Where:

$\text{Emissions}_{\text{pollutant}}$ = emissions from vehicle running for each pollutant

VMT = vehicle miles traveled

$\text{EF}_{\text{running,pollutant}}$ = emission factor for running emissions.”⁶

Thus, there is a direct relationship between trip length and VMT, as well as a direct relationship between VMT and vehicle running emissions. In other words, when the trip length is increased, the VMT and vehicle running emissions increase as a result. Thus, vehicle running emissions can be reduced by decreasing the average overall trip length, by way of a local hire requirement or otherwise.

Default Worker Trip Parameters and Potential Local Hire Requirements

As previously discussed, the number, length, and vehicle class of worker trips are utilized by CalEEMod to calculate emissions associated with the on-road vehicle trips required to transport workers to and from the Project site during construction.⁷ In order to understand how local hire requirements and associated worker trip length reductions impact GHG emissions calculations, it is important to consider the CalEEMod default worker trip parameters. CalEEMod provides recommended default values based on site-specific information, such as land use type, meteorological data, total lot acreage, project type and typical equipment associated with project type. If more specific project information is known, the user can change the default values and input project-specific values, but the California Environmental Quality Act (“CEQA”) requires that such changes be justified by substantial evidence.⁸ The default number of construction-related worker trips is calculated by multiplying the

⁴ “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 14-15.

⁵ “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 23.

⁶ “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 15.

⁷ “CalEEMod User’s Guide.” CAPCOA, November 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.

⁸ CalEEMod User Guide, available at: <http://www.caleemod.com/>, p. 1, 9.

number of pieces of equipment for all phases by 1.25, with the exception of worker trips required for the building construction and architectural coating phases.⁹ Furthermore, the worker trip vehicle class is a 50/25/25 percent mix of light duty autos, light duty truck class 1 and light duty truck class 2, respectively.”¹⁰ Finally, the default worker trip length is consistent with the length of the operational home-to-work vehicle trips.¹¹ The operational home-to-work vehicle trip lengths are:

“[B]ased on the *location* and *urbanization* selected on the project characteristic screen. These values were *supplied by the air districts or use a default average for the state*. Each district (or county) also assigns trip lengths for urban and rural settings” (emphasis added).¹²

Thus, the default worker trip length is based on the location and urbanization level selected by the User when modeling emissions. The below table shows the CalEEMod default rural and urban worker trip lengths by air basin (see excerpt below and Attachment A).¹³

Worker Trip Length by Air Basin		
Air Basin	Rural (miles)	Urban (miles)
Great Basin Valleys	16.8	10.8
Lake County	16.8	10.8
Lake Tahoe	16.8	10.8
Mojave Desert	16.8	10.8
Mountain Counties	16.8	10.8
North Central Coast	17.1	12.3
North Coast	16.8	10.8
Northeast Plateau	16.8	10.8
Sacramento Valley	16.8	10.8
Salton Sea	14.6	11
San Diego	16.8	10.8
San Francisco Bay Area	10.8	10.8
San Joaquin Valley	16.8	10.8
South Central Coast	16.8	10.8
South Coast	19.8	14.7
Average	16.47	11.17
Minimum	10.80	10.80
Maximum	19.80	14.70
Range	9.00	3.90

⁹ “CalEEMod User’s Guide.” CAPCOA, November 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4, p. 34.

¹⁰ “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 15.

¹¹ “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 14.

¹² “Appendix A Calculation Details for CalEEMod.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6, p. 21.

¹³ “Appendix D Default Data Tables.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4, p. D-84 – D-86.

As demonstrated above, default rural worker trip lengths for air basins in California vary from 10.8- to 19.8- miles, with an average of 16.47 miles. Furthermore, default urban worker trip lengths vary from 10.8- to 14.7- miles, with an average of 11.17 miles. Thus, while default worker trip lengths vary by location, default urban worker trip lengths tend to be shorter in length. Based on these trends evident in the CalEEMod default worker trip lengths, we can reasonably assume that the efficacy of a local hire requirement is especially dependent upon the urbanization of the project site, as well as the project location.

Practical Application of a Local Hire Requirement and Associated Impact

To provide an example of the potential impact of a local hire provision on construction-related GHG emissions, we estimated the significance of a local hire provision for the Village South Specific Plan (“Project”) located in the City of Claremont (“City”). The Project proposed to construct 1,000 residential units, 100,000-SF of retail space, 45,000-SF of office space, as well as a 50-room hotel, on the 24-acre site. The Project location is classified as Urban and lies within the Los Angeles-South Coast County. As a result, the Project has a default worker trip length of 14.7 miles.¹⁴ In an effort to evaluate the potential for a local hire provision to reduce the Project’s construction-related GHG emissions, we prepared an updated model, reducing all worker trip lengths to 10 miles (see Attachment B). Our analysis estimates that if a local hire provision with a 10-mile radius were to be implemented, the GHG emissions associated with Project construction would decrease by approximately 17% (see table below and Attachment C).

Local Hire Provision Net Change	
Without Local Hire Provision	
Total Construction GHG Emissions (MT CO ₂ e)	3,623
Amortized Construction GHG Emissions (MT CO ₂ e/year)	120.77
With Local Hire Provision	
Total Construction GHG Emissions (MT CO ₂ e)	3,024
Amortized Construction GHG Emissions (MT CO ₂ e/year)	100.80
% Decrease in Construction-related GHG Emissions	17%

As demonstrated above, by implementing a local hire provision requiring 10 mile worker trip lengths, the Project could reduce potential GHG emissions associated with construction worker trips. More broadly, any local hire requirement that results in a decreased worker trip length from the default value has the potential to result in a reduction of construction-related GHG emissions, though the significance of the reduction would vary based on the location and urbanization level of the project site.

This serves as an example of the potential impacts of local hire requirements on estimated project-level GHG emissions, though it does not indicate that local hire requirements would result in reduced construction-related GHG emission for all projects. As previously described, the significance of a local hire requirement depends on the worker trip length enforced and the default worker trip length for the project’s urbanization level and location.

¹⁴ “Appendix D Default Data Tables.” CAPCOA, October 2017, available at: http://www.aqmd.gov/docs/default-source/caleemod/05_appendix-d2016-3-2.pdf?sfvrsn=4, p. D-85.

Disclaimer

SWAPE has received limited discovery. Additional information may become available in the future; thus, we retain the right to revise or amend this report when additional information becomes available. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at the time of service. No other warranty, expressed or implied, is made as to the scope of work, work methodologies and protocols, site conditions, analytical testing results, and findings presented. This report reflects efforts which were limited to information that was reasonably accessible at the time of the work, and may contain informational gaps, inconsistencies, or otherwise be incomplete due to the unavailability or uncertainty of information obtained or provided by third parties.

Sincerely,



Matt Hagemann, P.G., C.Hg.



Paul E. Rosenfeld, Ph.D.

EXHIBIT B



Paul Rosenfeld, Ph.D.

Principal Environmental Chemist

Chemical Fate and Transport & Air Dispersion Modeling

Risk Assessment & Remediation Specialist

Education

Ph.D. Soil Chemistry, University of Washington, 1999. Dissertation on volatile organic compound filtration.

M.S. Environmental Science, U.C. Berkeley, 1995. Thesis on organic waste economics.

B.A. Environmental Studies, U.C. Santa Barbara, 1991. Thesis on wastewater treatment.

Professional Experience

Dr. Rosenfeld has over 25 years' experience conducting environmental investigations and risk assessments for evaluating impacts to human health, property, and ecological receptors. His expertise focuses on the fate and transport of environmental contaminants, human health risk, exposure assessment, and ecological restoration. Dr. Rosenfeld has evaluated and modeled emissions from unconventional oil drilling operations, oil spills, landfills, boilers and incinerators, process stacks, storage tanks, confined animal feeding operations, and many other industrial and agricultural sources. His project experience ranges from monitoring and modeling of pollution sources to evaluating impacts of pollution on workers at industrial facilities and residents in surrounding communities.

Dr. Rosenfeld has investigated and designed remediation programs and risk assessments for contaminated sites containing lead, heavy metals, mold, bacteria, particulate matter, petroleum hydrocarbons, chlorinated solvents, pesticides, radioactive waste, dioxins and furans, semi- and volatile organic compounds, PCBs, PAHs, perchlorate, asbestos, per- and poly-fluoroalkyl substances (PFOA/PFOS), unusual polymers, fuel oxygenates (MTBE), among other pollutants. Dr. Rosenfeld also has experience evaluating greenhouse gas emissions from various projects and is an expert on the assessment of odors from industrial and agricultural sites, as well as the evaluation of odor nuisance impacts and technologies for abatement of odorous emissions. As a principal scientist at SWAPE, Dr. Rosenfeld directs air dispersion modeling and exposure assessments. He has served as an expert witness and testified about pollution sources causing nuisance and/or personal injury at dozens of sites and has testified as an expert witness on more than ten cases involving exposure to air contaminants from industrial sources.

Professional History:

Soil Water Air Protection Enterprise (SWAPE); 2003 to present; Principal and Founding Partner
UCLA School of Public Health; 2007 to 2011; Lecturer (Assistant Researcher)
UCLA School of Public Health; 2003 to 2006; Adjunct Professor
UCLA Environmental Science and Engineering Program; 2002-2004; Doctoral Intern Coordinator
UCLA Institute of the Environment, 2001-2002; Research Associate
Komex H₂O Science, 2001 to 2003; Senior Remediation Scientist
National Groundwater Association, 2002-2004; Lecturer
San Diego State University, 1999-2001; Adjunct Professor
Anteon Corp., San Diego, 2000-2001; Remediation Project Manager
Ogden (now Amec), San Diego, 2000-2000; Remediation Project Manager
Bechtel, San Diego, California, 1999 – 2000; Risk Assessor
King County, Seattle, 1996 – 1999; Scientist
James River Corp., Washington, 1995-96; Scientist
Big Creek Lumber, Davenport, California, 1995; Scientist
Plumas Corp., California and USFS, Tahoe 1993-1995; Scientist
Peace Corps and World Wildlife Fund, St. Kitts, West Indies, 1991-1993; Scientist

Publications:

Remy, L.L., Clay T., Byers, V., **Rosenfeld P. E.** (2019) Hospital, Health, and Community Burden After Oil Refinery Fires, Richmond, California 2007 and 2012. *Environmental Health*. 18:48

Simons, R.A., Seo, Y. **Rosenfeld, P.**, (2015) Modeling the Effect of Refinery Emission On Residential Property Value. *Journal of Real Estate Research*. 27(3):321-342

Chen, J. A, Zapata A. R., Sutherland A. J., Molmen, D.R., Chow, B. S., Wu, L. E., **Rosenfeld, P. E.**, Hesse, R. C., (2012) Sulfur Dioxide and Volatile Organic Compound Exposure To A Community In Texas City Texas Evaluated Using Aermol and Empirical Data. *American Journal of Environmental Science*, 8(6), 622-632.

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Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2011). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Agrochemical Industry*, Amsterdam: Elsevier Publishing.

Gonzalez, J., Feng, L., Sutherland, A., Waller, C., Sok, H., Hesse, R., **Rosenfeld, P.** (2010). PCBs and Dioxins/Furans in Attic Dust Collected Near Former PCB Production and Secondary Copper Facilities in Sauget, IL. *Procedia Environmental Sciences*. 113–125.

Feng, L., Wu, C., Tam, L., Sutherland, A.J., Clark, J.J., **Rosenfeld, P.E.** (2010). Dioxin and Furan Blood Lipid and Attic Dust Concentrations in Populations Living Near Four Wood Treatment Facilities in the United States. *Journal of Environmental Health*. 73(6), 34-46.

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Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equivalency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. *Organohalogen Compounds*, 70, 002252-002255.

Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). Methods For Collect Samples For Assessing Dioxins And Other Environmental Contaminants In Attic Dust: A Review. *Organohalogen Compounds*, 70, 000527-000530.

Hensley, A.R. A. Scott, J. J. J. Clark, **Rosenfeld, P.E.** (2007). Attic Dust and Human Blood Samples Collected near a Former Wood Treatment Facility. *Environmental Research*. 105, 194-197.

Rosenfeld, P.E., J. J. J. Clark, A. R. Hensley, M. Suffet. (2007). The Use of an Odor Wheel Classification for Evaluation of Human Health Risk Criteria for Compost Facilities. *Water Science & Technology* 55(5), 345-357.

Rosenfeld, P. E., M. Suffet. (2007). The Anatomy Of Odour Wheels For Odours Of Drinking Water, Wastewater, Compost And The Urban Environment. *Water Science & Technology* 55(5), 335-344.

Sullivan, P. J. Clark, J.J.J., Agardy, F. J., **Rosenfeld, P.E.** (2007). *Toxic Legacy, Synthetic Toxins in the Food, Water, and Air in American Cities*. Boston Massachusetts: Elsevier Publishing

Rosenfeld, P.E., and Suffet I.H. (2004). Control of Compost Odor Using High Carbon Wood Ash. *Water Science and Technology*. 49(9),171-178.

Rosenfeld P. E., J.J. Clark, I.H. (Mel) Suffet (2004). The Value of An Odor-Quality-Wheel Classification Scheme For The Urban Environment. *Water Environment Federation's Technical Exhibition and Conference (WEFTEC) 2004*. New Orleans, October 2-6, 2004.

Rosenfeld, P.E., and Suffet, I.H. (2004). Understanding Odorants Associated With Compost, Biomass Facilities, and the Land Application of Biosolids. *Water Science and Technology*. 49(9), 193-199.

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Rosenfeld, P.E., Grey, M and Suffet, M. (2002). Compost Demonstration Project, Sacramento California Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Integrated Waste Management Board Public Affairs Office, Publications Clearinghouse (MS-6)*, Sacramento, CA Publication #442-02-008.

Rosenfeld, P.E., and C.L. Henry. (2001). Characterization of odor emissions from three different biosolids. *Water Soil and Air Pollution*. 127(1-4), 173-191.

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Rosenfeld, P.E., C.L. Henry and D. Bennett. (2001). Wastewater dewatering polymer affect on biosolids odor emissions and microbial activity. *Water Environment Research*. 73(4), 363-367.

Rosenfeld, P.E., and C.L. Henry. (2001). Activated Carbon and Wood Ash Sorption of Wastewater, Compost, and Biosolids Odorants. *Water Environment Research*, 73, 388-393.

Rosenfeld, P.E., and Henry C. L., (2001). High carbon wood ash effect on biosolids microbial activity and odor. *Water Environment Research*. 131(1-4), 247-262.

Chollack, T. and **P. Rosenfeld**. (1998). Compost Amendment Handbook For Landscaping. Prepared for and distributed by the City of Redmond, Washington State.

Rosenfeld, P. E. (1992). The Mount Liamuiga Crater Trail. *Heritage Magazine of St. Kitts*, 3(2).

Rosenfeld, P. E. (1993). High School Biogas Project to Prevent Deforestation On St. Kitts. *Biomass Users Network*, 7(1).

Rosenfeld, P. E. (1998). Characterization, Quantification, and Control of Odor Emissions From Biosolids Application To Forest Soil. Doctoral Thesis. University of Washington College of Forest Resources.

Rosenfeld, P. E. (1994). Potential Utilization of Small Diameter Trees on Sierra County Public Land. Masters thesis reprinted by the Sierra County Economic Council. Sierra County, California.

Rosenfeld, P. E. (1991). How to Build a Small Rural Anaerobic Digester & Uses Of Biogas In The First And Third World. Bachelors Thesis. University of California.

Presentations:

Rosenfeld, P.E., Sutherland, A; Hesse, R.; Zapata, A. (October 3-6, 2013). Air dispersion modeling of volatile organic emissions from multiple natural gas wells in Decatur, TX. *44th Western Regional Meeting, American Chemical Society*. Lecture conducted from Santa Clara, CA.

Sok, H.L.; Waller, C.C.; Feng, L.; Gonzalez, J.; Sutherland, A.J.; Wisdom-Stack, T.; Sahai, R.K.; Hesse, R.C.; **Rosenfeld, P.E.** (June 20-23, 2010). Atrazine: A Persistent Pesticide in Urban Drinking Water. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

Feng, L.; Gonzalez, J.; Sok, H.L.; Sutherland, A.J.; Waller, C.C.; Wisdom-Stack, T.; Sahai, R.K.; La, M.; Hesse, R.C.; **Rosenfeld, P.E.** (June 20-23, 2010). Bringing Environmental Justice to East St. Louis, Illinois. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

Rosenfeld, P.E. (April 19-23, 2009). Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*, Lecture conducted from Tuscon, AZ.

Rosenfeld, P.E. (April 19-23, 2009). Cost to Filter Atrazine Contamination from Drinking Water in the United States” Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*. Lecture conducted from Tuscon, AZ.

Wu, C., Tam, L., Clark, J., **Rosenfeld, P.** (20-22 July, 2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. Brebbia, C.A. and Popov, V., eds., *Air Pollution XVII: Proceedings of the Seventeenth International Conference on Modeling, Monitoring and Management of Air Pollution*. Lecture conducted from Tallinn, Estonia.

Rosenfeld, P. E. (October 15-18, 2007). Moss Point Community Exposure To Contaminants From A Releasing Facility. *The 23rd Annual International Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

Rosenfeld, P. E. (October 15-18, 2007). The Repeated Trespass of Tritium-Contaminated Water Into A Surrounding Community Form Repeated Waste Spills From A Nuclear Power Plant. *The 23rd Annual International Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

Rosenfeld, P. E. (October 15-18, 2007). Somerville Community Exposure To Contaminants From Wood Treatment Facility Emissions. *The 23rd Annual International Conferences on Soils Sediment and Water*. Lecture conducted from University of Massachusetts, Amherst MA.

Rosenfeld P. E. (March 2007). Production, Chemical Properties, Toxicology, & Treatment Case Studies of 1,2,3-Trichloropropane (TCP). *The Association for Environmental Health and Sciences (AEHS) Annual Meeting*. Lecture conducted from San Diego, CA.

Rosenfeld P. E. (March 2007). Blood and Attic Sampling for Dioxin/Furan, PAH, and Metal Exposure in Florida, Alabama. *The AEHS Annual Meeting*. Lecture conducted from San Diego, CA.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (August 21 – 25, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006*. Lecture conducted from Radisson SAS Scandinavia Hotel in Oslo Norway.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (November 4-8, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *APHA 134 Annual Meeting & Exposition*. Lecture conducted from Boston Massachusetts.

Paul Rosenfeld Ph.D. (October 24-25, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. Mealey's C8/PFOA. *Science, Risk & Litigation Conference*. Lecture conducted from The Rittenhouse Hotel, Philadelphia, PA.

Paul Rosenfeld Ph.D. (September 19, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, *Toxicology and Remediation PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel, Irvine California.

Paul Rosenfeld Ph.D. (September 19, 2005). Fate, Transport, Toxicity, And Persistence of 1,2,3-TCP. *PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel in Irvine, California.

Paul Rosenfeld Ph.D. (September 26-27, 2005). Fate, Transport and Persistence of PDBEs. *Mealey's Groundwater Conference*. Lecture conducted from Ritz Carlton Hotel, Marina Del Ray, California.

Paul Rosenfeld Ph.D. (June 7-8, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. *International Society of Environmental Forensics: Focus On Emerging Contaminants*. Lecture conducted from Sheraton Oceanfront Hotel, Virginia Beach, Virginia.

Paul Rosenfeld Ph.D. (July 21-22, 2005). Fate Transport, Persistence and Toxicology of PFOA and Related Perfluorochemicals. *2005 National Groundwater Association Ground Water And Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

Paul Rosenfeld Ph.D. (July 21-22, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, Toxicology and Remediation. *2005 National Groundwater Association Ground Water and Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

Paul Rosenfeld, Ph.D. and James Clark Ph.D. and Rob Hesse R.G. (May 5-6, 2004). Tert-butyl Alcohol Liability and Toxicology, A National Problem and Unquantified Liability. *National Groundwater Association. Environmental Law Conference*. Lecture conducted from Congress Plaza Hotel, Chicago Illinois.

Paul Rosenfeld, Ph.D. (March 2004). Perchlorate Toxicology. *Meeting of the American Groundwater Trust*. Lecture conducted from Phoenix Arizona.

Hagemann, M.F., **Paul Rosenfeld, Ph.D.** and Rob Hesse (2004). Perchlorate Contamination of the Colorado River. *Meeting of tribal representatives*. Lecture conducted from Parker, AZ.

Paul Rosenfeld, Ph.D. (April 7, 2004). A National Damage Assessment Model For PCE and Dry Cleaners. *Drycleaner Symposium. California Ground Water Association*. Lecture conducted from Radison Hotel, Sacramento, California.

Rosenfeld, P. E., Grey, M., (June 2003) Two stage biofilter for biosolids composting odor control. *Seventh International In Situ And On Site Bioremediation Symposium Battelle Conference* Orlando, FL.

Paul Rosenfeld, Ph.D. and James Clark Ph.D. (February 20-21, 2003) Understanding Historical Use, Chemical Properties, Toxicity and Regulatory Guidance of 1,4 Dioxane. *National Groundwater Association. Southwest Focus Conference. Water Supply and Emerging Contaminants..* Lecture conducted from Hyatt Regency Phoenix Arizona.

Paul Rosenfeld, Ph.D. (February 6-7, 2003). Underground Storage Tank Litigation and Remediation. *California CUPA Forum*. Lecture conducted from Marriott Hotel, Anaheim California.

Paul Rosenfeld, Ph.D. (October 23, 2002) Underground Storage Tank Litigation and Remediation. *EPA Underground Storage Tank Roundtable*. Lecture conducted from Sacramento California.

Rosenfeld, P.E. and Suffet, M. (October 7- 10, 2002). Understanding Odor from Compost, *Wastewater and Industrial Processes. Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

Rosenfeld, P.E. and Suffet, M. (October 7- 10, 2002). Using High Carbon Wood Ash to Control Compost Odor. *Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

Rosenfeld, P.E. and Grey, M. A. (September 22-24, 2002). Biocycle Composting For Coastal Sage Restoration. *Northwest Biosolids Management Association*. Lecture conducted from Vancouver Washington..

Rosenfeld, P.E. and Grey, M. A. (November 11-14, 2002). Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Soil Science Society Annual Conference*. Lecture conducted from Indianapolis, Maryland.

Rosenfeld, P.E. (September 16, 2000). Two stage biofilter for biosolids composting odor control. *Water Environment Federation*. Lecture conducted from Anaheim California.

Rosenfeld, P.E. (October 16, 2000). Wood ash and biofilter control of compost odor. *Biofest*. Lecture conducted from Ocean Shores, California.

Rosenfeld, P.E. (2000). Bioremediation Using Organic Soil Amendments. *California Resource Recovery Association*. Lecture conducted from Sacramento California.

Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. *Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings*. Lecture conducted from Bellevue Washington.

Rosenfeld, P.E., and C.L. Henry. (1999). An evaluation of ash incorporation with biosolids for odor reduction. *Soil Science Society of America*. Lecture conducted from Salt Lake City Utah.

Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998). Comparison of Microbial Activity and Odor Emissions from Three Different Biosolids Applied to Forest Soil. *Brown and Caldwell*. Lecture conducted from Seattle Washington.

Rosenfeld, P.E., C.L. Henry. (1998). Characterization, Quantification, and Control of Odor Emissions from Biosolids Application To Forest Soil. *Biofest*. Lecture conducted from Lake Chelan, Washington.

Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings. Lecture conducted from Bellevue Washington.

Rosenfeld, P.E., C.L. Henry, R. B. Harrison, and R. Dills. (1997). Comparison of Odor Emissions From Three Different Biosolids Applied to Forest Soil. *Soil Science Society of America*. Lecture conducted from Anaheim California.

Teaching Experience:

UCLA Department of Environmental Health (Summer 2003 through 2010) Taught Environmental Health Science 100 to students, including undergrad, medical doctors, public health professionals and nurses. Course focused on the health effects of environmental contaminants.

National Ground Water Association, Successful Remediation Technologies. Custom Course in Sante Fe, New Mexico. May 21, 2002. Focused on fate and transport of fuel contaminants associated with underground storage tanks.

National Ground Water Association; Successful Remediation Technologies Course in Chicago Illinois. April 1, 2002. Focused on fate and transport of contaminants associated with Superfund and RCRA sites.

California Integrated Waste Management Board, April and May, 2001. Alternative Landfill Caps Seminar in San Diego, Ventura, and San Francisco. Focused on both prescriptive and innovative landfill cover design.

UCLA Department of Environmental Engineering, February 5, 2002. Seminar on Successful Remediation Technologies focusing on Groundwater Remediation.

University Of Washington, Soil Science Program, Teaching Assistant for several courses including: Soil Chemistry, Organic Soil Amendments, and Soil Stability.

U.C. Berkeley, Environmental Science Program Teaching Assistant for Environmental Science 10.

Academic Grants Awarded:

California Integrated Waste Management Board. \$41,000 grant awarded to UCLA Institute of the Environment. Goal: To investigate effect of high carbon wood ash on volatile organic emissions from compost. 2001.

Synagro Technologies, Corona California: \$10,000 grant awarded to San Diego State University. Goal: investigate effect of biosolids for restoration and remediation of degraded coastal sage soils. 2000.

King County, Department of Research and Technology, Washington State. \$100,000 grant awarded to University of Washington: Goal: To investigate odor emissions from biosolids application and the effect of polymers and ash on VOC emissions. 1998.

Northwest Biosolids Management Association, Washington State. \$20,000 grant awarded to investigate effect of polymers and ash on VOC emissions from biosolids. 1997.

James River Corporation, Oregon: \$10,000 grant was awarded to investigate the success of genetically engineered Poplar trees with resistance to round-up. 1996.

United State Forest Service, Tahoe National Forest: \$15,000 grant was awarded to investigating fire ecology of the Tahoe National Forest. 1995.

Kellogg Foundation, Washington D.C. \$500 grant was awarded to construct a large anaerobic digester on St. Kitts in West Indies. 1993

Deposition and/or Trial Testimony:

- In the United States District Court For The District of New Jersey
Duarte et al, *Plaintiffs*, vs. United States Metals Refining Company et. al. *Defendant*.
Case No.: 2:17-cv-01624-ES-SCM
Rosenfeld Deposition. 6-7-2019
- In the United States District Court of Southern District of Texas Galveston Division
M/T Carla Maersk, *Plaintiffs*, vs. Conti 168., Schiffahrts-GMBH & Co. Bulker KG MS “Conti Perdido”
Defendant.
Case No.: 3:15-CV-00106 consolidated with 3:15-CV-00237
Rosenfeld Deposition. 5-9-2019
- In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica
Carole-Taddeo-Bates et al., vs. Ifran Khan et al., Defendants
Case No.: No. BC615636
Rosenfeld Deposition, 1-26-2019
- In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica
The San Gabriel Valley Council of Governments et al. vs El Adobe Apts. Inc. et al., Defendants
Case No.: No. BC646857
Rosenfeld Deposition, 10-6-2018; Trial 3-7-19
- In United States District Court For The District of Colorado
Bells et al. Plaintiff vs. The 3M Company et al., Defendants
Case: No 1:16-cv-02531-RBJ
Rosenfeld Deposition, 3-15-2018 and 4-3-2018
- In The District Court Of Regan County, Texas, 112th Judicial District
Phillip Bales et al., Plaintiff vs. Dow Agrosiences, LLC, et al., Defendants
Cause No 1923
Rosenfeld Deposition, 11-17-2017
- In The Superior Court of the State of California In And For The County Of Contra Costa
Simons et al., Plaintiffs vs. Chevron Corporation, et al., Defendants
Cause No C12-01481
Rosenfeld Deposition, 11-20-2017
- In The Circuit Court Of The Twentieth Judicial Circuit, St Clair County, Illinois
Martha Custer et al., Plaintiff vs. Cerro Flow Products, Inc., Defendants
Case No.: No. 0i9-L-2295
Rosenfeld Deposition, 8-23-2017
- In The Superior Court of the State of California, For The County of Los Angeles
Warrn Gilbert and Penny Gilber, Plaintiff vs. BMW of North America LLC
Case No.: LC102019 (c/w BC582154)
Rosenfeld Deposition, 8-16-2017, Trail 8-28-2018
- In the Northern District Court of Mississippi, Greenville Division
Brenda J. Cooper, et al., *Plaintiffs*, vs. Meritor Inc., et al., *Defendants*
Case Number: 4:16-cv-52-DMB-JVM
Rosenfeld Deposition: July 2017

In The Superior Court of the State of Washington, County of Snohomish
Michael Davis and Julie Davis et al., Plaintiff vs. Cedar Grove Composting Inc., Defendants
Case No.: No. 13-2-03987-5
Rosenfeld Deposition, February 2017
Trial, March 2017

In The Superior Court of the State of California, County of Alameda
Charles Spain., Plaintiff vs. Thermo Fisher Scientific, et al., Defendants
Case No.: RG14711115
Rosenfeld Deposition, September 2015

In The Iowa District Court In And For Poweshiek County
Russell D. Winburn, et al., Plaintiffs vs. Doug Hoksbergen, et al., Defendants
Case No.: LALA002187
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County
Jerry Dovico, et al., Plaintiffs vs. Valley View Sine LLC, et al., Defendants
Law No.: LALA105144 - Division A
Rosenfeld Deposition, August 2015

In The Iowa District Court For Wapello County
Doug Pauls, et al., et al., Plaintiffs vs. Richard Warren, et al., Defendants
Law No.: LALA105144 - Division A
Rosenfeld Deposition, August 2015

In The Circuit Court of Ohio County, West Virginia
Robert Andrews, et al. v. Antero, et al.
Civil Action NO. 14-C-30000
Rosenfeld Deposition, June 2015

In The Third Judicial District County of Dona Ana, New Mexico
Betty Gonzalez, et al. Plaintiffs vs. Del Oro Dairy, Del Oro Real Estate LLC, Jerry Settles and Deward
DeRuyter, Defendants
Rosenfeld Deposition: July 2015

In The Iowa District Court For Muscatine County
Laurie Freeman et. al. Plaintiffs vs. Grain Processing Corporation, Defendant
Case No 4980
Rosenfeld Deposition: May 2015

In the Circuit Court of the 17th Judicial Circuit, in and For Broward County, Florida
Walter Hinton, et. al. Plaintiff, vs. City of Fort Lauderdale, Florida, a Municipality, Defendant.
Case Number CACE07030358 (26)
Rosenfeld Deposition: December 2014

In the United States District Court Western District of Oklahoma
Tommy McCarty, et al., Plaintiffs, v. Oklahoma City Landfill, LLC d/b/a Southeast Oklahoma City
Landfill, et al. Defendants.
Case No. 5:12-cv-01152-C
Rosenfeld Deposition: July 2014

In the County Court of Dallas County Texas
Lisa Parr et al, *Plaintiff*, vs. Aruba et al, *Defendant*.
Case Number cc-11-01650-E
Rosenfeld Deposition: March and September 2013
Rosenfeld Trial: April 2014

In the Court of Common Pleas of Tuscarawas County Ohio
John Michael Abicht, et al., *Plaintiffs*, vs. Republic Services, Inc., et al., *Defendants*
Case Number: 2008 CT 10 0741 (Cons. w/ 2009 CV 10 0987)
Rosenfeld Deposition: October 2012

In the United States District Court of Southern District of Texas Galveston Division
Kyle Cannon, Eugene Donovan, Genaro Ramirez, Carol Sassler, and Harvey Walton, each Individually and on behalf of those similarly situated, *Plaintiffs*, vs. BP Products North America, Inc., *Defendant*.
Case 3:10-cv-00622
Rosenfeld Deposition: February 2012
Rosenfeld Trial: April 2013

In the Circuit Court of Baltimore County Maryland
Philip E. Cvach, II et al., *Plaintiffs* vs. Two Farms, Inc. d/b/a Royal Farms, Defendants
Case Number: 03-C-12-012487 OT
Rosenfeld Deposition: September 2013

EXHIBIT C



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Matthew F. Hagemann, P.G., C.Hg., QSD, QSP

**Geologic and Hydrogeologic Characterization
Industrial Stormwater Compliance
Investigation and Remediation Strategies
Litigation Support and Testifying Expert
CEQA Review**

Education:

M.S. Degree, Geology, California State University Los Angeles, Los Angeles, CA, 1984.

B.A. Degree, Geology, Humboldt State University, Arcata, CA, 1982.

Professional Certifications:

California Professional Geologist

California Certified Hydrogeologist

Qualified SWPPP Developer and Practitioner

Professional Experience:

Matt has 25 years of experience in environmental policy, assessment and remediation. He spent nine years with the U.S. EPA in the RCRA and Superfund programs and served as EPA's Senior Science Policy Advisor in the Western Regional Office where he identified emerging threats to groundwater from perchlorate and MTBE. While with EPA, Matt also served as a Senior Hydrogeologist in the oversight of the assessment of seven major military facilities undergoing base closure. He led numerous enforcement actions under provisions of the Resource Conservation and Recovery Act (RCRA) while also working with permit holders to improve hydrogeologic characterization and water quality monitoring.

Matt has worked closely with U.S. EPA legal counsel and the technical staff of several states in the application and enforcement of RCRA, Safe Drinking Water Act and Clean Water Act regulations. Matt has trained the technical staff in the States of California, Hawaii, Nevada, Arizona and the Territory of Guam in the conduct of investigations, groundwater fundamentals, and sampling techniques.

Positions Matt has held include:

- Founding Partner, Soil/Water/Air Protection Enterprise (SWAPE) (2003 – present);
- Geology Instructor, Golden West College, 2010 – 2014;
- Senior Environmental Analyst, Komex H2O Science, Inc. (2000 -- 2003);

- Executive Director, Orange Coast Watch (2001 – 2004);
- Senior Science Policy Advisor and Hydrogeologist, U.S. Environmental Protection Agency (1989–1998);
- Hydrogeologist, National Park Service, Water Resources Division (1998 – 2000);
- Adjunct Faculty Member, San Francisco State University, Department of Geosciences (1993 – 1998);
- Instructor, College of Marin, Department of Science (1990 – 1995);
- Geologist, U.S. Forest Service (1986 – 1998); and
- Geologist, Dames & Moore (1984 – 1986).

Senior Regulatory and Litigation Support Analyst:

With SWAPE, Matt’s responsibilities have included:

- Lead analyst and testifying expert in the review of over 100 environmental impact reports since 2003 under CEQA that identify significant issues with regard to hazardous waste, water resources, water quality, air quality, Valley Fever, greenhouse gas emissions, and geologic hazards. Make recommendations for additional mitigation measures to lead agencies at the local and county level to include additional characterization of health risks and implementation of protective measures to reduce worker exposure to hazards from toxins and Valley Fever.
- Stormwater analysis, sampling and best management practice evaluation at industrial facilities.
- Manager of a project to provide technical assistance to a community adjacent to a former Naval shipyard under a grant from the U.S. EPA.
- Technical assistance and litigation support for vapor intrusion concerns.
- Lead analyst and testifying expert in the review of environmental issues in license applications for large solar power plants before the California Energy Commission.
- Manager of a project to evaluate numerous formerly used military sites in the western U.S.
- Manager of a comprehensive evaluation of potential sources of perchlorate contamination in Southern California drinking water wells.
- Manager and designated expert for litigation support under provisions of Proposition 65 in the review of releases of gasoline to sources drinking water at major refineries and hundreds of gas stations throughout California.
- Expert witness on two cases involving MTBE litigation.
- Expert witness and litigation support on the impact of air toxins and hazards at a school.
- Expert witness in litigation at a former plywood plant.

With Komex H2O Science Inc., Matt’s duties included the following:

- Senior author of a report on the extent of perchlorate contamination that was used in testimony by the former U.S. EPA Administrator and General Counsel.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of MTBE use, research, and regulation.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of perchlorate use, research, and regulation.
- Senior researcher in a study that estimates nationwide costs for MTBE remediation and drinking water treatment, results of which were published in newspapers nationwide and in testimony against provisions of an energy bill that would limit liability for oil companies.
- Research to support litigation to restore drinking water supplies that have been contaminated by MTBE in California and New York.

- Expert witness testimony in a case of oil production-related contamination in Mississippi.
- Lead author for a multi-volume remedial investigation report for an operating school in Los Angeles that met strict regulatory requirements and rigorous deadlines.

- Development of strategic approaches for cleanup of contaminated sites in consultation with clients and regulators.

Executive Director:

As Executive Director with Orange Coast Watch, Matt led efforts to restore water quality at Orange County beaches from multiple sources of contamination including urban runoff and the discharge of wastewater. In reporting to a Board of Directors that included representatives from leading Orange County universities and businesses, Matt prepared issue papers in the areas of treatment and disinfection of wastewater and control of the discharge of grease to sewer systems. Matt actively participated in the development of countywide water quality permits for the control of urban runoff and permits for the discharge of wastewater. Matt worked with other nonprofits to protect and restore water quality, including Surfrider, Natural Resources Defense Council and Orange County CoastKeeper as well as with business institutions including the Orange County Business Council.

Hydrogeology:

As a Senior Hydrogeologist with the U.S. Environmental Protection Agency, Matt led investigations to characterize and cleanup closing military bases, including Mare Island Naval Shipyard, Hunters Point Naval Shipyard, Treasure Island Naval Station, Alameda Naval Station, Moffett Field, Mather Army Airfield, and Sacramento Army Depot. Specific activities were as follows:

- Led efforts to model groundwater flow and contaminant transport, ensured adequacy of monitoring networks, and assessed cleanup alternatives for contaminated sediment, soil, and groundwater.
- Initiated a regional program for evaluation of groundwater sampling practices and laboratory analysis at military bases.
- Identified emerging issues, wrote technical guidance, and assisted in policy and regulation development through work on four national U.S. EPA workgroups, including the Superfund Groundwater Technical Forum and the Federal Facilities Forum.

At the request of the State of Hawaii, Matt developed a methodology to determine the vulnerability of groundwater to contamination on the islands of Maui and Oahu. He used analytical models and a GIS to show zones of vulnerability, and the results were adopted and published by the State of Hawaii and County of Maui.

As a hydrogeologist with the EPA Groundwater Protection Section, Matt worked with provisions of the Safe Drinking Water Act and NEPA to prevent drinking water contamination. Specific activities included the following:

- Received an EPA Bronze Medal for his contribution to the development of national guidance for the protection of drinking water.
- Managed the Sole Source Aquifer Program and protected the drinking water of two communities through designation under the Safe Drinking Water Act. He prepared geologic reports, conducted public hearings, and responded to public comments from residents who were very concerned about the impact of designation.

- Reviewed a number of Environmental Impact Statements for planned major developments, including large hazardous and solid waste disposal facilities, mine reclamation, and water transfer.

Matt served as a hydrogeologist with the RCRA Hazardous Waste program. Duties were as follows:

- Supervised the hydrogeologic investigation of hazardous waste sites to determine compliance with Subtitle C requirements.
- Reviewed and wrote "part B" permits for the disposal of hazardous waste.
- Conducted RCRA Corrective Action investigations of waste sites and led inspections that formed the basis for significant enforcement actions that were developed in close coordination with U.S. EPA legal counsel.
- Wrote contract specifications and supervised contractor's investigations of waste sites.

With the National Park Service, Matt directed service-wide investigations of contaminant sources to prevent degradation of water quality, including the following tasks:

- Applied pertinent laws and regulations including CERCLA, RCRA, NEPA, NRDA, and the Clean Water Act to control military, mining, and landfill contaminants.
- Conducted watershed-scale investigations of contaminants at parks, including Yellowstone and Olympic National Park.
- Identified high-levels of perchlorate in soil adjacent to a national park in New Mexico and advised park superintendent on appropriate response actions under CERCLA.
- Served as a Park Service representative on the Interagency Perchlorate Steering Committee, a national workgroup.
- Developed a program to conduct environmental compliance audits of all National Parks while serving on a national workgroup.
- Co-authored two papers on the potential for water contamination from the operation of personal watercraft and snowmobiles, these papers serving as the basis for the development of nation-wide policy on the use of these vehicles in National Parks.
- Contributed to the Federal Multi-Agency Source Water Agreement under the Clean Water Action Plan.

Policy:

Served senior management as the Senior Science Policy Advisor with the U.S. Environmental Protection Agency, Region 9. Activities included the following:

- Advised the Regional Administrator and senior management on emerging issues such as the potential for the gasoline additive MTBE and ammonium perchlorate to contaminate drinking water supplies.
- Shaped EPA's national response to these threats by serving on workgroups and by contributing to guidance, including the Office of Research and Development publication, *Oxygenates in Water: Critical Information and Research Needs*.
- Improved the technical training of EPA's scientific and engineering staff.
- Earned an EPA Bronze Medal for representing the region's 300 scientists and engineers in negotiations with the Administrator and senior management to better integrate scientific principles into the policy-making process.
- Established national protocol for the peer review of scientific documents.

Geology:

With the U.S. Forest Service, Matt led investigations to determine hillslope stability of areas proposed for timber harvest in the central Oregon Coast Range. Specific activities were as follows:

- Mapped geology in the field, and used aerial photographic interpretation and mathematical models to determine slope stability.
- Coordinated his research with community members who were concerned with natural resource protection.
- Characterized the geology of an aquifer that serves as the sole source of drinking water for the city of Medford, Oregon.

As a consultant with Dames and Moore, Matt led geologic investigations of two contaminated sites (later listed on the Superfund NPL) in the Portland, Oregon, area and a large hazardous waste site in eastern Oregon. Duties included the following:

- Supervised year-long effort for soil and groundwater sampling.
- Conducted aquifer tests.
- Investigated active faults beneath sites proposed for hazardous waste disposal.

Teaching:

From 1990 to 1998, Matt taught at least one course per semester at the community college and university levels:

- At San Francisco State University, held an adjunct faculty position and taught courses in environmental geology, oceanography (lab and lecture), hydrogeology, and groundwater contamination.
- Served as a committee member for graduate and undergraduate students.
- Taught courses in environmental geology and oceanography at the College of Marin.

Matt taught physical geology (lecture and lab and introductory geology at Golden West College in Huntington Beach, California from 2010 to 2014.

Invited Testimony, Reports, Papers and Presentations:

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Presentation to the Public Environmental Law Conference, Eugene, Oregon.

Hagemann, M.F., 2008. Disclosure of Hazardous Waste Issues under CEQA. Invited presentation to U.S. EPA Region 9, San Francisco, California.

Hagemann, M.F., 2005. Use of Electronic Databases in Environmental Regulation, Policy Making and Public Participation. Brownfields 2005, Denver, Colorado.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Nevada and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Las Vegas, NV (served on conference organizing committee).

Hagemann, M.F., 2004. Invited testimony to a California Senate committee hearing on air toxins at schools in Southern California, Los Angeles.

Brown, A., Farrow, J., Gray, A. and **Hagemann, M.**, 2004. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to the Ground Water and Environmental Law Conference, National Groundwater Association.

Hagemann, M.F., 2004. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Arizona and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Phoenix, AZ (served on conference organizing committee).

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in the Southwestern U.S. Invited presentation to a special committee meeting of the National Academy of Sciences, Irvine, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a tribal EPA meeting, Pechanga, CA.

Hagemann, M.F., 2003. Perchlorate Contamination of the Colorado River. Invited presentation to a meeting of tribal representatives, Parker, AZ.

Hagemann, M.F., 2003. Impact of Perchlorate on the Colorado River and Associated Drinking Water Supplies. Invited presentation to the Inter-Tribal Meeting, Torres Martinez Tribe.

Hagemann, M.F., 2003. The Emergence of Perchlorate as a Widespread Drinking Water Contaminant. Invited presentation to the U.S. EPA Region 9.

Hagemann, M.F., 2003. A Deductive Approach to the Assessment of Perchlorate Contamination. Invited presentation to the California Assembly Natural Resources Committee.

Hagemann, M.F., 2003. Perchlorate: A Cold War Legacy in Drinking Water. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. From Tank to Tap: A Chronology of MTBE in Groundwater. Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. A Chronology of MTBE in Groundwater and an Estimate of Costs to Address Impacts to Groundwater. Presentation to the annual meeting of the Society of Environmental Journalists.

Hagemann, M.F., 2002. An Estimate of the Cost to Address MTBE Contamination in Groundwater (and Who Will Pay). Presentation to a meeting of the National Groundwater Association.

Hagemann, M.F., 2002. An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to a meeting of the U.S. EPA and State Underground Storage Tank Program managers.

Hagemann, M.F., 2001. From Tank to Tap: A Chronology of MTBE in Groundwater. Unpublished report.

Hagemann, M.F., 2001. Estimated Cleanup Cost for MTBE in Groundwater Used as Drinking Water. Unpublished report.

Hagemann, M.F., 2001. Estimated Costs to Address MTBE Releases from Leaking Underground Storage Tanks. Unpublished report.

Hagemann, M.F., and VanMouwerik, M., 1999. Potential Water Quality Concerns Related to Snowmobile Usage. Water Resources Division, National Park Service, Technical Report.

VanMouwerik, M. and **Hagemann, M.F.** 1999, Water Quality Concerns Related to Personal Watercraft Usage. Water Resources Division, National Park Service, Technical Report.

Hagemann, M.F., 1999, Is Dilution the Solution to Pollution in National Parks? The George Wright Society Biannual Meeting, Asheville, North Carolina.

Hagemann, M.F., 1997, The Potential for MTBE to Contaminate Groundwater. U.S. EPA Superfund Groundwater Technical Forum Annual Meeting, Las Vegas, Nevada.

Hagemann, M.F., and Gill, M., 1996, Impediments to Intrinsic Remediation, Moffett Field Naval Air Station, Conference on Intrinsic Remediation of Chlorinated Hydrocarbons, Salt Lake City.

Hagemann, M.F., Fukunaga, G.L., 1996, The Vulnerability of Groundwater to Anthropogenic Contaminants on the Island of Maui, Hawaii. Hawaii Water Works Association Annual Meeting, Maui, October 1996.

Hagemann, M. F., Fukanaga, G. L., 1996, Ranking Groundwater Vulnerability in Central Oahu, Hawaii. Proceedings, Geographic Information Systems in Environmental Resources Management, Air and Waste Management Association Publication VIP-61.

Hagemann, M.F., 1994. Groundwater Characterization and Cleanup at Closing Military Bases in California. Proceedings, California Groundwater Resources Association Meeting.

Hagemann, M.F. and Sabol, M.A., 1993. Role of the U.S. EPA in the High Plains States Groundwater Recharge Demonstration Program. Proceedings, Sixth Biennial Symposium on the Artificial Recharge of Groundwater.

Hagemann, M.F., 1993. U.S. EPA Policy on the Technical Impracticability of the Cleanup of DNAPL-contaminated Groundwater. California Groundwater Resources Association Meeting.

Hagemann, M.F., 1992. Dense Nonaqueous Phase Liquid Contamination of Groundwater: An Ounce of Prevention... Proceedings, Association of Engineering Geologists Annual Meeting, v. 35.

Other Experience:

Selected as subject matter expert for the California Professional Geologist licensing examination, 2009-2011.

From: Diane Kastner <dianekastner@hotmail.com>
Sent: Thursday, September 2, 2021 12:56 PM
To: Housing Element
Subject: Feedback-Public Comment

Importance: High

Hello Housing Element-

I have lived in Costa Mesa for well over sixty years. We can all agree, that the main concern should always be quality of life. We can all agree, streets that are clogged with congestion are the first signs of an unhappy living experience (see LA). Irvine is a great model of how to increase housing density without the burden of heavy congestion and traffic. We can all agree, we do not want to see concrete everywhere, housing tracts that are cold, austere, and entirely void of attractive elements such as; trees, bushes and green plant life. We all know that crime, aggressiveness and unhappiness increase when rats are placed in dense housing and are subject to congested living, well it is the same for the human beings.

Quality of Life:

1. Roads must be kept moving freely where new housing is considered. A roadway already fully impacted with rush-hour traffic should not be further burdened by the building of new housing. Areas to consider new housing must have roads that can flow well and handle new traffic going forward, particularly during rush hour.
2. Visually attractive housing is VERY important. People do not want to see housing that encroaches to the edge of a sidewalk with dense concrete built-up 3-6 stories high. Again, the City of Irvine is a great model. All new housing tracts require roadway setbacks where they must build greenbelts and install attractive sound barrier walls that keep housing separated from road noise and roadway views.
3. Housing needs to consider the humans that will live there for multiple generations into the future. Are we building housing environments that support a happy and content life? Or are we letting greed and high density dominate the landscape like a permanent scar in the most beautiful Climate on the planet? Only developers can determine what our future holds.
4. Please see that the City requires greenbelts, set-backs off the road, sound barrier walls, less-dense, less greed driven density with attractive housing that will make living positive for many generations to come.

Thank you for letting me freely share my opinions. Please feel free to share this with the powers that be.

Kind Regards,

Diane Kastner

Diane Kastner

dianekastner@hotmail.com

Tel. (949) 378-1067

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From: Matthew Sheehan <matthewmsheehan3@gmail.com>
Sent: Thursday, September 2, 2021 6:02 PM
To: CITY COUNCIL; Housing Element
Cc: info@fairhousingelements.org
Subject: Public Comment: City of Costa Mesa Housing Element Update

Good evening,

My name is Matthew Sheehan and I live in Costa Mesa (District 48). I believe everyone should have access to housing in our community.

As a child, my family often struggled to pay for housing. My parents had to sign a new lease nearly every other year because they were unable to renew their leases due to rising requested rents and were not able to afford to purchase a house. During my elementary school years, I had to transfer to a new school each year due to our housing instability. As a current resident of Costa Mesa, this is not the future I want for my family and future children.

Please use our housing element update to boldly plan for more housing near our jobs, transit stops, and high-resource neighborhoods. Let's clearly demonstrate to HCD and to our community that we are affirmatively furthering fair housing in our city.

Best,
Matthew Sheehan

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ARIOS, JUSTIN

From: Nancy Henning <nphenn@gmail.com>
Sent: Thursday, September 2, 2021 8:56 AM
To: Housing Element
Subject: Draft Housing Element 2021-2029

Hello,

Regarding Casa Bella Apartments, 1840 Park Ave...

Please check this only if you think it is worth checking into. In the prior housing element, Casa Bella was the most at risk subsidized senior housing in Costa Mesa due to having a for profit owner and due to the Hud contract expiring in 2015. The owner did renew the contract for 10 years at that time.

*** Now, the contract expires in Sept 2025. And the for profit owner's mortgage deed restrictions ended in 2020. The owner changed property management companies in Autumn 2020 and beginning April 2021 began renovations to the building.. it appears in order to bring it up to code? All red flags in some of our opinions as tenants here.

I skimmed a few parts of the draft Housing Element and I "think" I read one paragraph that said there is no at risk housing in Costa Mesa in this plan??? My feeling is that Casa Bella is at risk?? But I have no idea. Did anyone check with the actual owner about future plans for this property?

Thank you,
N. Henning

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ARIOS, JUSTIN

From: Betsy Densmore <betsydensmore52@gmail.com>
Sent: Sunday, September 5, 2021 10:37 PM
To: Housing Element
Cc: CITY COUNCIL
Subject: Comments on Fair Housing Elements Draft
Attachments: CM Housing Element Testimony Take 2.docx

To Whom It May Concern:

I am very sorry that I was unable to attend the public hearing last Thursday. I attach the comments I would have made in person. Please acknowledge receipt of this email and let me know how I can review the discussion and comments which took place.

Best Regards,
Betsy

Betsy Densmore
betsydensmore52@gmail.com
949-500-2381

"Everything you have in life can be taken from you except one thing, your freedom to choose how you will respond to the situations you face. This is what determines the quality of the life we live-- not whether we've been rich or poor, famous or unknown, healthy or suffering." Viktor Franks

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Commentary on the Draft Costa Mesa Housing Element Plan

My name is Betsy Densmore. I live in the Canyon neighborhood and I co-own a restaurant in Mesa Verde Plaza. I also serve on the Board of a local nonprofit affordable housing development company. I fully endorse the goals of the draft Housing Element and carefully read the various strategies for fulfilling those goals. Unfortunately, my take away is that there are several ways that these lofty goals will be thwarted.

The plan as written does not go far enough. New construction is very expensive and providing tenant services drives the cost per unit even higher. I believe that the proposed densities for many of the sites which are identified are not high enough to make the sites financially feasible. Can we find more or be more aggressive about promoting other alternatives to new construction? And too much of the plan hangs on the details of the “inclusionary housing ordinance” which will likely take months to be developed.

Will 25% or more of EACH new development be reserved for very low and low income tenants? Otherwise, won't we perpetuate the problem we already have which is that service workers we need in Costa Mesa (like the folks who work in my restaurant) have great difficulty living here because moderately priced housing is so scarce. Those who own cars, clog our roads and spend too much of their income on car loans, gas and repairs. I sometimes hear people say that adding more housing and thus more people to Costa Mesa will just make traffic worse. I beg to differ. Those able to live close to work and amenities, can walk or ride their bikes.

We need more residential units for people in ALL income categories. Our market is too tight – shortages in any category have a domino effect on the others. I think we should be allowing multi-unit buildings in all neighborhoods. Moreover, I believe accelerating development of more “granny flats”, in-fill small apartment buildings and planned communities like One Metro West can't happen fast enough. How do we pick up the pace?

I also hear people assume that “affordable housing” will only draw undesirables- nonsense! Visit any housing developments with high numbers of subsidized units (such as Section 8) in this area and you will see nothing of the sort. Trellis and SOS have plenty of stories about formerly “normal” citizens who succumb to drugs and mental illness after being traumatized by the loss of their homes. Restoring self-sufficiency for these folks starts with housing them.

Moreover mixed income, high density communities sustain local businesses. Mesa Verde Plaza is a case in point. My fellow tenants provide a wide variety of food, health, educational and personal services to the thousands of apartment dwellers who surround us. I believe every single one of the Plaza's businesses survived the pandemic. The residents of these apartments are a broad range of old, young, affluent, middle class and working poor. Many stroll our boardwalk and buy from us. We know & support our neighbors and they know and support us.

I grew up in a single-family home and worked hard to my buy own as soon as I got out of college. We are taught that this is fundamental to the American Dream. However, as the years rolled on, my husband and I grew disenchanted with the effort required to maintain it and with the amount of stuff we accumulated to fill and take care of it. First, we downsized to buying a small apartment building and

these days we reside in a town house. The Canyon neighborhood is delightfully diverse, dense and peaceful but someday one or both of us may need to downsize again or invite others to share our home. For this reason, I am glad to see that the plan includes promoting co-housing, motel conversions to what we used to call SROs (single room occupancy), and other approaches to small, efficiency units. Working with local churches and other non-profits who have a commitment to serving their community is also a good idea.

Congratulations on getting us this far. I welcome any opportunities to help make the vision of nearly 12,000 more housing units by 2029 a reality. You may reach me per the below contact information.

Best Regards,

Betsy

Betsy Densmore

Resident:

1006 Nancy Lane

949-500-2381

Betsydensmore52@gmail.com

Sept 5, 2021

ARIOS, JUSTIN

From: ronronron@juno.com
Sent: Sunday, September 5, 2021 4:30 PM
To: Housing Element
Subject: Community Profile

Dear Sirs:

On page 2-14 of the Community Profile PDF, the section on “Overcrowding” begins and offers its definition as relates to this document. My question here is whether the Assisted Living Facilities and the Drug and Alcohol Rehabilitation Homes that heavily populate our city are considered in this study as “Residences” or are properly classified as stand-alone businesses excluded from these overall numbers. By the definition offered here, I believe each of those homes could qualify as “overcrowded” and artificially skew the data toward implying a greater need for housing remediation than actually exists.

If you should require a specific person to whom you should submit this question, please forward it to Nick, as he narrated the September 2nd webinar and would probably best know how to rout this request.

Thank you for your efforts on an otherwise thankless endeavor.

Sincerely,

Dr. Ron Housepian

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City of Costa Mesa

2021-2029 Housing Element Update

Public Review Draft Community Comments

Chapter 1 (Introduction)

No comments

Chapter 2 (Community Profile)

- On page 2-14 of the Community Profile PDF, the section on “Overcrowding” begins and offers its definition as relates to this document. My question here is whether the Assisted Living Facilities and the Drug and Alcohol Rehabilitation Homes that heavily populate our city are considered in this study as “Residences” or are properly classified as stand-alone businesses, and are therefore excluded from these overall numbers. By the definition offered here, I believe that each of those homes could qualify as “overcrowded” and artificially skew the data toward implying a greater need for housing remediation than actually exists. I will send the same question above in the form of an e-mail, as I would like to get an answer and this comment format doesn't allow for that. Thank You

Chapter 3 (Housing Constraints, Resources, and AFFH)

No comments

Chapter 4 (Housing Plan)

- Re Fairview Development Center property tagged for mixed use residential/commercial use with amenities, what kind of time frame do you envision for this redevelopment? It is a very large property with park like characteristics and would lend itself very well if its natural setting was preserved for the enjoyment of residents and commercial tenants. Do you plan a park with walkways, water fountains, sitting areas in your proposed redevelopment? Fairview is a prized piece of real estate in Costa Mesa, so it should be developed with Green in mind. Thank you. Ivan Alexander, CM resident
- Re Fairview Development renewal: Will you be able to preserve the natural beauty and have walking trails and bike trails for CM city residents to enjoy? Will new construction renewal incorporate a green intent with solar energy, water recycling, eco friendly construction materials where possible? Will there be a ‘victory garden’ to produce locally and create an outdoor gathering area?

Appendices

No comments

Additional Comments

- Hi - My name is Walter Chirichigno and live in College Park on Bowling Green. We used to live on the East side on Mesa Drive. The traffic and parking congestion got so bad we moved to our current home. I hope and pray that the proper traffic studies were done using (pre - Covid 19) traffic numbers. I am very concerned that Fair Drive And Fairview will become more of a traffic nightmare than they already are. And of course we know anything being built on Harbor will just add to the current ugly situation. Allowing Canes to be built with the overflow of drive thru customers stopping on Harbor has basically eliminated one lane from 12pm -2pm and 5pm - 7pm.
- Permitting small home building (used to be called grandmother suites) for any age group is a good idea. This helps with extra housing and permits residents with low income to rent the small house and avoid being forced out by high taxes. The mass building of the 3 story units around Costa Mesa has contributed to heavy traffic, which Costa Mesa now has all year round, instead of summer only. Most residents I've spoken to believe past members of the city council were paid off, which permitted the development of those crowded living spaces.

9/9/2021

City of Costa Mesa

2021-2029 Housing Element Update

True or not, perception is reality for many. The freedom home track (west side) is unique to southern ca. If you over develop it you will ruin the country feel, increase traffic, not to mention increase water use. The element update will be too complicated for most residents to understand. There should be a more simple way of explaining the City's intent so residents completely understand. Overall, I'm discouraged by what I see. I mean no disrespect, but it seems like everything revolves around money and not quality of life. I hope you prove me wrong.

- For the future of Costa Mesa, can we have the city plant 'fruit trees' for our insects birds and humans consumption, and enjoyment, that also lower our carbon footprint? Examples, some that are drought tolerant: tamarind, loquats, figs, guava, natal plum, mango, etc. It would be beautiful to know Costa Mesa is a leading city in planting Green, as well as the city of the arts. :)