AMENDED AGENDA: TRANSMITTAL MEMOS ADDED TO ITEM F-2 and F-4

CITY OF OXNARD
PLANNING COMMISSION
AGENDA

SPECIAL MEETING
Council Chambers, 305 West Third Street
Thursday, January 13, 2022, 6:00 p.m.

This meeting is being held in accordance with Assembly Bill 361, allowing members of the Planning Commission, members of the public and staff to participate via teleconference.

Consistent with City policies imposed to promote social distancing, the facility where the Planning Commission regularly meets is temporarily closed to the public. The public is encouraged to view the meeting from home on the City's website at Oxnard.org/city-meetings, Spectrum Channel 10, Frontier Channel 35, or YouTube at Youtube.com/oxnardnews. Video recordings are typically available online following the meeting at the City's website at http://www.oxnard.org/city-meetings

YOU MAY PARTICIPATE IN THE MEETING IN THE FOLLOWING WAYS:

1. EMAILING COMMENTS OR REQUESTS TO SPEAK BEFORE THE MEETING
   a. Submit an email to Planning@oxnard.org no later than 3:00 p.m. on the day of the meeting (Please indicate the agenda item number in the subject line). All email correspondence will be forwarded to the Planning Commission prior to the start of the meeting and made part of the legislative record.
   b. Submit a request to speak by no later than 3pm on the day of the meeting by using the form https://forms.gle/zBN7QcbufpHhnyky7, emailing the Planning office at planning@oxnard.org, or calling (805) 385-7878.

2. PROVIDING PUBLIC COMMENTS DURING THE MEETING
   a. Speakers shall have up to three minutes to speak.
   b. If you wish to speak during public comments or a particular item on the agenda, please follow the below instructions:
      1. Dial phone number (888) 475-4499
      2. Enter the meeting ID: 872 1373 8134
      3. Enter the meeting passcode: 826879
      4. Wait in the Zoom waiting room. Once the Chair calls for public speakers, press *9 to raise your hand to inform the recording secretary you would like to speak..
   c. Public comments on items not on the agenda shall be taken at the beginning of the meeting. If there are more speakers than can be accommodated during thirty minutes, additional speakers who will be given an opportunity to speak at the end of the meeting. After all public speakers have been given an opportunity to speak, the public comment period shall be held open for three minutes to allow additional speakers to register or otherwise be recognized for the purpose of providing public comment. During this three minute time period, the Planning Commission or staff may briefly respond to comments on items not appearing on the agenda.
   d. Public comments on items on the agenda shall be taken following the announcement of the item. After all public speakers have been given an opportunity to speak on an agenda item, the public comment period shall be held open for three minutes to allow additional speakers to register or otherwise be recognized for the purpose of

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a meeting, you should contact the office of the City Clerk at (805) 385-7803. Notification 72 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to the meeting.

Written materials relating to an item on this agenda that are distributed to the Planning Commission within 72 hours before the item is to be considered at its regularly scheduled meeting will be made available for public inspection at 214 South C Street, during customary business hours.

providing public comment. During this three minute time period, the Planning Commission or staff may discuss the item being considered.

In the event of a disruption which prevents a legislative body of the City of Oxnard from broadcasting a meeting using a call-in option or internet-based service option, or in the event of a disruption within the City's control which prevents members of the public from offering public comment using the call-in option or internet-based service option, the legislative body shall take no further action on items appearing on a meeting agenda until public access to the meeting via the call-in option or internet-based service option is restored. However, if any of the broadcast options are disrupted, but any of the other broadcast options is still available to the public, the legislative body may take further action on items appearing on a meeting agenda without waiting for the disrupted broadcast option(s) to be restored.

A. ROLL CALL

B. PLEDGE OF ALLEGIANCE TO THE FLAG OF THE UNITED STATES

C. PUBLIC COMMENTS - On Items Not On The Agenda

At this time, a person may address the Planning Commission on matters within the jurisdiction of the Planning Commission, including information/consent items and any item not appearing on the agenda. The Chair shall limit public comments to three (3) minutes. The Planning Commission cannot take action on any item presented during public comments that is not on the agenda and such item may only be referred to the Commission Secretary. Persons wishing to speak on public hearing items should do so at the time of the public hearing.

D. CONSENT AGENDA

1. **Subject:** Adoption of a Resolution reauthorizing remote teleconference meetings of the Planning Commission of the City of Oxnard.

   Recommendation: That the Planning Commission adopt Resolution 2022-XX reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

2. APPROVAL OF MINUTES - November 18, 2021

3. APPROVAL OF MINUTES - December 2, 2021

4. APPROVAL OF MINUTES - December 16, 2021

E. EX PARTE DECLARATIONS FOR PUBLIC HEARING ITEMS

F. PUBLIC HEARING

1. **Project Name: Vineyard Starbucks Site Renovations -** PLANNING AND ZONING PERMIT No. 21-550-01 (Major Modification to U-916 (Special Use Permit)): Located at 2551 North Vineyard Avenue (APN: 132-0-043-215). The project includes modifications to an existing 2,450 square-foot drive through fast food restaurant building and to allow for a Starbucks coffee shop on a 0.66 acre site. The proposed improvements will convert the existing Wendy's drive-through restaurant into a Starbucks drive-through coffee shop. The changes include a 50 square-foot addition to allow for the relocation of the drive-through pick-up window. The resulting building will be 2,500 square feet.

   The site layout will be reconfigured to increase the drive-through lane vehicle queue capacity from 5 vehicles to 16 vehicles. Other changes include revised signage, upgraded landscaping, new parking lot striping, and administrative parking relief to allow for two modifications: 1) Decrease the number required parking spaces from 50 to 35, including 15 spaces which are provided via the drive-through queue, and 2) Allow for 11 of the required parking spaces to be compact parking spaces. The project includes a Transportation Demand Management Plan. The Project site is within the General Commercial Planned Development (C-2-PD) zone district and within the Commercial General land use designation. Filed by Beverly Metz, of Starbucks, 555 Anton Boulevard, Costa Mesa, CA 92626.
   City Staff: Joe Pearson II, Associate Planner

   Recommendation: That the Planning Commission
   a) Finds the Project to be Statutorily Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15270 ("Projects Which are Disapproved"); and

   b) Adopt Resolution 2021-XX denying Planning and Zoning Permit No. 21-550-01 (Major Modification to U-916 (Special Use Permit)), subject to certain findings.

   Please click the following link to view the required Measure M pre-recorded presentation video: https://youtu.be/GP-4vk08xr8

2. **Project Name: RiverPark Specific Plan Amendment & Development Agreement Amendment -** PLANNING AND ZONING PERMIT No. 20-630-01 (Seventh Amendment to the RiverPark Specific Plan) and PZ No. 20-670-04 (Sixth Development Agreement Amendment) and certification of an Addendum to Final Environmental Impact Report No. 00-03. The Project is located in the RiverPark Specific Plan area generally

located North of the Ventura Freeway (Highway 101), west of East Vineyard Avenue, east of the Santa Clara River, and south of Central Avenue.

The project consists of the following requested actions:

a. Text and map amendments to the RiverPark Specific Plan to introduce a new high density land use designation within Planning Districts B, C, and D (Residential: Very High (30-80 units/acre)); create a new development type (Apartments - Urban); revise planning area boundaries; update the Land Use Table; and update exhibits for consistency with proposed changes. This amendment would allow development of up to 1,025 additional residential units, in exchange for a reduction of up to approximately 562,457 square feet of non-residential development.
b. Development Agreement Amendment to allow for a time extension, impact fee modifications, and define future affordable housing requirements.

The project application was filed by Ann Walsh of Shea Properties, 2751 Park View Court, Suite 261, Oxnard, CA 93036.

City Staff: Joe Pearson II, Senior Planner

Recommendation: That the Planning Commission

a. Adopt Resolution 2022-XX recommending City Council approval of Planning and Zoning Permit No. 20-630-01 (Amendment to The RiverPark Specific Plan) and to remove the Residential: Very High land use from District D of the RiverPark Specific Plan Amendment, subject to certain findings, and certification of an Addendum to FEIR No. 00-03; and
b. Adopt Resolution 2022-XX recommending City Council approval of Planning and Zoning Permit No. 20-670-04 (Sixth Amendment to Development Agreement No. A-6128) for The RiverPark Specific Plan, subject to certain findings, and certification of an Addendum to FEIR No. 00-03.

Please click the following link to view the required Measure M pre-recorded presentation video: https://youtu.be/TZjvKczgLQ4

3. **Project Name: Tacos El Diablo Alcohol Special Use Permit -** PLANNING AND ZONING PERMIT No. 21-510-01 (Special Use Permit - Alcohol) located at 509 South C Street (APN: 202-0-131-230): A request for approval of a Special Use Permit (SUP) to sell beer and wine for on-site consumption (Alcohol Beverage Control (ABC) License Type 41[1]) at an existing 770 square-foot commercial suite within a 2,350 square-foot

[1] ABC License Type 41 (On-Sale Beer & Wine - Eating Place) (Restaurant) Authorizes the sale of beer and wine for consumption on or off the premises where sold. Distilled spirits may not be on the premises (except brandy, rum, or liqueurs for use solely for cooking purposes). Must operate and maintain the licensed premises as a bona fide eating place. Must maintain suitable kitchen facilities, and must make actual and substantial sales of meals for consumption on the

building for an existing restaurant on a 0.16-acre site within the Downtown Core (DT-C) zone. Alcohol sales shall be limited to 7:00 a.m. to 9:00 p.m. daily. The project is exempt from environmental review pursuant to Section 15301 (Existing Facilities), Class 1 of the California Environmental Quality Act (CEQA) Guidelines. Filed by Juan Carlos Cortes, Business Owner, on behalf of property owner Donald Rosen, TR, 6520 Platt Avenue #267, West Hills, CA 91307.

City Staff: Randy Baez, Associate Planner

Recommendation: That the Planning Commission

a. Find the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities); and

b. Adopt Resolution 2022-XX approving Planning and Zoning Permit No. 21-510-01 (Special Use Permit - Alcohol), subject to certain findings and conditions.

Please click the following link to view the required Measure M pre-recorded presentation video: https://youtu.be/6MacJ_mcrRg

4. **Project Name: TD Enterprise LLC dba Oxnard Holistics - Commercial Cannabis Business Retail Special Use Permit (SUP) -** PLANNING AND ZONING PERMIT No. 21-516-24 (Retail): Located at 1015 Harbor Boulevard (APN: 191-0-075-015). A request to permit the operation of a commercial cannabis retail facility within an existing 1,740 square-foot commercial suite of a 17,615 square-foot multi-tenant commercial building on a 2.39-acre site within the Commercial Neighborhood Convenience (CNC) zone. Proposed development includes tenant improvements: installation of interior wall partitioning, plumbing upgrades, upgrades to an existing fire alarm system, security upgrades to the existing building, and installation of new secure doors/windows. Cannabis retail operations will be conducted between the hours from 9:00 AM to 9:00 PM daily. Filed by Kristine Byers ("**Applicant**"), 2801 B Street Unit 161, San Diego, CA 92101, on behalf of TD Enterprise, LLC. dba Oxnard Holistics.
City Staff: Jose Coyotl, Associate Planner

Recommendation: That the Planning Commission

a. Find the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities), and

premises. Minors are allowed on the premises.

b. Adopt Resolution 2022-XX approving Planning and Zoning Permit No. 21-516-24 (Special Use Permit – Cannabis: Retail), subject to certain findings and conditions.

Please click the following link to view the required Measure M pre-recorded presentation video: https://youtu.be/OXlpy1_ax68

G. STUDY SESSION/REPORTS

H. PLANNING COMMISSION BUSINESS

I. COMMUNITY DEVELOPMENT STAFF UPDATES

J. ADJOURNMENT

FUTURE MEETINGS

Regular Meeting: Thursday, January 20, 2022, 6:00 p.m., Council Chambers

PLANNING COMMISSION
STAFF REPORT

TO: Planning Commission

FROM: Kenneth Rozell, Chief Assistant City Attorney

DATE: January 13, 2022

SUBJECT: Adoption of a resolution reauthorizing remote teleconference meetings of the Planning Commission of the City of Oxnard

RECOMMENDATION

That the Planning Commission adopt Resolution 2022-XX reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

BACKGROUND

On March 4, 2020, Governor Newsom issued Executive Order N-29-20, which in part, suspended the Ralph M. Brown Act (the "Brown Act") requirements for the conduct of meetings via teleconference during the COVID-19 pandemic. The Governor issued Executive Order N-08-21 on June 11, 2021, extending the Brown Act modifications in Executive Order N-29-20 through September 30, 2021.

On September 16, 2021, the Governor signed Assembly Bill 361 ("AB 361"), which amends the Brown Act to allow meetings of legislative bodies to be conducted via teleconference under certain conditions during proclaimed emergencies.

On September 20, 2021, the Governor issued Executive Order N-15-21 suspending the provisions of AB 361 through September 30, 2021, and clarifying that legislative bodies may continue to meet under Executive Order N-29-20 through September 30, 2021.

AB 361 allows legislative bodies to hold meetings utilizing teleconferencing without complying with the standard teleconferencing requirements if the Governor has proclaimed a State of Emergency and any of the following circumstances occur:

- State or local officials have imposed or recommended measures to promote social distancing; or
- A meeting is being held for the purposes of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; or
- The legislative body has determined that as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

The City's COVID-19 Comprehensive Policy and Protocol imposes measures to promote social distancing. Further, the Governor's proclaimed state of emergency remains in effect.

If a meeting is held via teleconference under AB 361, the following requirements apply:

- Notice of the meeting must still be given in compliance with the Brown Act, and the notice must include the means by which the public may access the meeting and provide public comment.
- The public must be provided access to the meeting via a call-in option or internet-based service option and allowed to "address the legislative body directly." The agency does not have to provide an in-person option for the public to attend the meeting.
- The meeting must be conducted "in a manner that protects the statutory and constitutional rights of the parties and the public appearing before the legislative body."
- If there is a disruption to the meeting broadcast or in the ability to take call-in or internet-based public comment, no further action can be taken on agenda items until the issue is resolved.
- The body cannot require comments to be submitted before the start of the meeting. The public must be allowed to make "real-time" public comments.
- If the agency provides a timed public comment period, the public comment period must be left open until the time expires. If no timed public comment period is provided, a reasonable amount of time per agenda item must be provided.
- Findings must be made every 30 days to continue to conduct teleconference meetings under AB 361. The body must find it has reconsidered the circumstances of the state of emergency and either 1) the emergency continues to impact the ability to meet safely in person, or 2) State or local officials continue to impose or recommend measures to promote social distancing.

On October 7, 2021, November 4, 2021, December 2, 2021, and December 16, 2021, the Planning Commission adopted Resolutions 2021-36, 2021-38, 2021-48, and 2021-49 respectively, authorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

The proposed resolution:

- Reauthorizes staff and the Planning Commission to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.
- Provides that, in the event of a disruption in the meeting broadcast or which prevents public comment, the Planning Commission shall not take further action on agenda items until the disruption is resolved, provided that, for a broadcast disruption, action may continue to be taken if the meeting is still being broadcast over any of the media options specified in the posted agenda for the meeting.

If adopted, the resolution will take effect immediately upon its adoption and will be effective until the earlier of (i) February 12, 2022, or (ii) such time as the Planning Commission adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Planning Commission may continue to teleconference without compliance with Government Code section 54953(b)(3).

ATTACHMENTS

1. **AB 361 RESOLUTION**

PLANNING COMMISSION OF THE CITY OF OXNARD
RESOLUTION NO. 2022-XX

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF OXNARD REAUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE PLANNING COMMISSION IN ACCORDANCE WITH ASSEMBLY BILL 361

WHEREAS, on March 4, 2020, the Governor of the State of California (the "Governor") proclaimed a statewide state of emergency due to COVID-19; and

WHEREAS, on March 12, 2020, the Ventura County Health Officer (the "Health Officer") declared a Local Health Emergency due to COVID-19; and

WHEREAS, on March 13, 2020, the Director of Emergency Services of the City of Oxnard (the "Director") proclaimed the existence of a local emergency due to COVID-19; and

WHEREAS, on March 17, 2020, the City Council ratified the Director's local emergency proclamation; and

WHEREAS, all meetings of the City of Oxnard's legislative bodies are open and public, as required by the Brown Act (Cal. Gov. Code sections 54950 et seq.), so that any member of the public may attend, participate, and watch the City's legislative bodies conduct their business; and

WHEREAS, beginning in March 2020, the Governor issued a series of Executive Orders, N-25-20, N-29-20, and N-35-20, that waived certain Brown Act requirements to allow legislative bodies to continue meeting while slowing the spread of COVID-19; and

WHEREAS, N-29-20 allowed the City's legislative bodies to meet via teleconference without complying with certain Brown Act requirements; and

WHEREAS, on June 11, 2021, the Governor issued Executive Order N-08-21, extending the Brown Act provisions of N-29-20 through September 30, 2021; and

WHEREAS, on September 16, 2021, the Governor signed Assembly Bill 361 ("AB 361") into law, allowing the City's legislative bodies to continue to meet via teleconference during proclaimed states of emergency under modified Brown Act requirements; and

WHEREAS, AB 361, at Government Code section 54953(e), provides for teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, AB 361 allows legislative bodies to continue to meet via teleconference when a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, AB 361 further requires that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Governor's proclaimed state of emergency, the Ventura County Health Officer's declared local health emergency, and the Director's and City Council's proclaimed local emergency remain in effect; and

WHEREAS, the City's COVID-19 *Comprehensive Policy and Protocol* imposes measures to promote social distancing; and

WHEREAS, meetings of the City's legislative bodies are broadcast on Spectrum Channel 10, Frontier Channel 10, and Youtube.com/Oxnardnews ("Broadcast Options"); and

WHEREAS, on September 17, 2021, the Health Officer informed the public that Ventura County's case rate is 19.3, which is still considered widespread community transmission by the Centers for Disease Control and Prevention and the California Department of Public Health; and

WHEREAS, on September 21, 2021, the Health Officer issued a letter recommending that social distancing measures continue to be practiced throughout Ventura County communities to minimize the spread of COVID-19.

WHEREAS, on October 7, 2021, November 4, 2021, December 2, 2021, and December 16, 2021, the Planning Commission adopted Resolutions 2021-36, 2021-38, 2021-48, and 2021-49 respectively, authorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

NOW, THEREFORE, the Planning Commission of the City of Oxnard resolves as follows:

SECTION 1. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

SECTION 2. In-person meetings of the Planning Commission would present imminent risks to the health or safety of attendees.

SECTION 3. The staff and members of the Planning Commission are hereby reauthorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

SECTION 4. In the event of a disruption which prevents the Planning Commission from broadcasting a meeting using a call-in option or internet-based service option, or in the event of a disruption within the City's control which prevents members of the public from offering public comment using the call-in option or internet-based service option, the Planning Commission shall take no further action on items appearing on a meeting agenda until public access to the meeting via the call-in option or internet-based service option is restored. However, if any of the Broadcast Options are disrupted, but any of the other Broadcast Options is still available to the public, the Planning Commission may take further action on items appearing on a meeting agenda without waiting for the disrupted Broadcast Option(s) to be restored.

SECTION 5. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) February 12, 2022, or (ii) such time the Planning Commission adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Planning Commission may continue to teleconference without compliance with Government Code section 54953(b)(3).

SECTION 6. If any section, subsection, clause or phrase in this Resolution is for any reason held invalid, the validity of the remainder of this Resolution shall not be affected thereby. The Planning Commission would have passed this Resolution and each section, subsection, sentence, clause, or phrases thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases thereof be held invalid.

PASSED AND ADOPTED THIS 13th day of January 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

RECUSED:

_____
Daniel Chavez Jr., Chair

ATTEST:

_____
Scott Kolwitz, Secretary

APPROVED AS TO FORM:

_____
Kenneth Rozell, Chief Assistant City Attorney

MINUTES
OXNARD PLANNING COMMISSION
November 18, 2021
Draft Minutes

A. ROLL CALL

1. At 6:00 p.m., the regular meeting of the Oxnard Planning Commission convened in the Council Chambers. Chair Chavez announced pursuant to Assembly Bill 361, members of the Planning Commision or staff may participate in meetings via teleconference.
2. Chair Chavez (via videoconference), Vice Chair Arruejo (via videoconference), Commissioners Connelly (via videoconference), Lopez (via videoconference), Nash (via videoconference), and Sanchez (via videoconference) were present. Commissioner Meyer was absent.
3. Staff members present were: Scott Kolwitz, Planning & Environmental Services Manager; Isidro Figueroa, Principal Planner; Randy Baez, Associate Planner; Ken Rozell, Chief Assistant City Attorney; Tim Bochum, City Traffic Engineer; Tai P. Chau, Supervising Civil Engineer; Eric Storrie, Special Districts Manager; Scott Swenson, Safer Neighborhoods and Alcohol Compliance Specialist; Jennifer Haddow, Rincon Consultant; Mattie Magers, Rincon Consultant; Ryan Thacher, Rincon Consultant; and Dee Lai, Recording Secretary.
4. Chair Chavez presided and called the meeting to order.

B. PLEDGE OF ALLEGIANCE TO THE FLAG OF THE UNITED STATES

1. Commissioner Lopez led the pledge of allegiance.

C. PUBLIC COMMENTS - On Items Not On The Agenda

1. None.

D. CONSENT AGENDA

1. APPROVAL OF MINUTES - October 7, 2021

2. APPROVAL OF MINUTES - October 13, 2021

3. APPROVAL OF MINUTES - October 21, 2021

4. APPROVAL OF MINUTES - November 4, 2021

MOTION: Vice Chair Arruejo moved and Commissioner Connelly seconded a motion to continue the approval of the October 7, October 13, October 21, 2021 Minutes and November 4, 2021 to the next regular Planning Commission meeting dated December 2, 2021.

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Nash, and Sanchez voted in favor. Commissioner Meyer was absent.The motion carried 6:0:1:0:0[1].

E. EX PARTE DECLARATIONS FOR PUBLIC HEARING ITEMS

1. Commissioner Lopez stated that he drove by both properties for item F-1 and F-2. He can hear and consider the request in a fair, objective and unbiased manner.

2. None of the remaining Planning Commissioners had any ex parte communications to report for Items F-1 or F-2.

F. PUBLIC HEARING

1. **Project Name: Victoria Market Alcohol Special Use Permit -** PLANNING AND ZONING PERMIT No. 21-510-02 (Special Use Permit - Alcohol). A request for approval of a Special Use Permit (SUP) to sell beer, wine, and distilled spirits for off-sale consumption (Alcohol Beverage Control (ABC) License Type 21[2]) at an exiting 2,326 square-foot commercial suite within a 16,770 square-foot building for a proposed convenience store/market on a 1.1-acre site located at 600 South Victoria Avenue, Suites #700 & 800 (APN: 185-0-170-105) within the General Commercial - Planned Development (C-2-PD) zone. Alcohol sales shall be limited to 6:00 a.m. to 11:00 p.m. daily. Filed by Waseem Farhat, Designated Agent, on behalf of property owner Robert & Susan Werner, TR, 11595 Bellagio Road, Los Angeles, CA 90049.
City Staff: Randy Baez, Associate Planner

Recommendation: That the Planning Commission
a) Finds the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities); and
b) Approve Resolution 2021-39 approving Planning and Zoning Permit No. 21-510-02 (Special Use Permit - Alcohol), subject to certain findings and conditions.

Randy Baez, Associate Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/zJOyNG_N68w**.**

City staff, including: Randy Baez, Associate Planner; Scott Kolwitz, Planning & Environmental Services Manager; Ken Rozell, Chief Assistant City Attorney, and Scott Swenson, Safer Neighborhoods and Alcohol Compliance Specialist were available for questions.

The applicant team, including: Waseem Farhat (Victoria Market, Applicant), and Patrick Panzarello (Designated Agent, Patrick E. Panzarello Consulting Services) did not provide a presentation but were available for questions.

[1] In Favor: Against: Absent: Abstain: Recused
[2] ABC License Type 21 (Off-Sale General) (Package Store) Authorizes the sale of beer, wine, and distilled spirits for consumption off the premises where sold. Minors are allowed on the premises.

Chair Chavez opened the public comments portion of the public hearing.

Public verbal comment was received from Faith Collari.

No written comments were received for Item F-1.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff about several topics, including: whether the applicant is intending to sell spirits in addition to beer and wine; what products other than alcohol will be selling; whether there will be vaping and smoking products being sold; hours of operation; the difference between liquor store and convenience store; whether there will be onsite consumption; neighborhood outreach and outcome; distance to schools; crime statistics in the area; definition for allowable distance from sensitive uses for alcohol; set metric for convenience store and liquor stores and buffer zones for alcohol.

MOTION: Commissioner Lopez moved and Vice Chair Arruejo seconded a motion to find the the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities); and adopt Resolution 2021-39 approving Planning and Zoning Permit No. 21-510-02 (Special Use Permit - Alcohol), subject to certain findings and conditions

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Nash, and Sanchez voted in favor. Commissioner Meyer was absent. The motion carried 6:0:1:0:0[3].

2. **Project Name: Portofino Place -** PLANNING AND ZONING PERMIT No. 19-500-04, 20-300-02, 20-570-02 & 20-620-02. A request for a Special Use Permit for the construction of 90, two-story condominium dwelling units each with attached 2-car garages, 214 total visitor parking spaces, common swimming pool and playground area, 3,281 square-foot recreation building, entry gates and perimeter walls, private roads, detention basins, landscaping and associated site improvements on a 7.61-acre site located along the south side of Fifth Street at the intersection of Portofino Place (south of the Oxnard Airport) (APNs: 185-0-221-025, 185-0-221-265, and 185-0-223-015) (PZ 19-500-04). The project includes a General Plan Amendment request to change the 2030 General Plan land use designation of the project site from Business Research Park (BRP) to Residential Medium (RM) (PZ 20-620-02), a Zone Change to change the zoning of the project site from Business Research Park to Multiple-Family (R-2) (PZ 20-570-02), and a Tentative Subdivision Map (Tract No. 6064) for condominium purposes and to combine three existing lots into two lots (PZ 20-300-02). Filed by the Law Office of K.M. Neiswender, P.O. Box 1225, Blue Jay, CA 92317, the applicant.
City Staff: Isidro Figueroa, Principal Planner

Recommendation: That the Planning Commission

a) Adopt Resolution 2021-40 recommending that the City Council adopt an

[3] In Favor: Against: Absent: Abstain: Recused

Addendum to previously adopted Mitigated Negative Declaration (MND) 2004-11; and

b) Adopt Resolution 2021-41 recommending that the City Council approve Planning and Zoning Permit No. 20-620-02 (General Plan Amendment) to change the land use designation of the project site from Business Research Park (BRP) to Residential Medium (RM), and

c) Adopt Resolution 2021-42 recommending that the City Council approve Planning and Zoning Permit No. 20-570-02 (Zone Change) to change the zoning of the project site from Business Research Park to Multiple-Family (R-2), and

d) Adopt Resolution 2021-43 recommending that the City Council approve Planning and Zoning Permit No. 20-300-02 (Tentative Subdivision Map for Tract No. 6064), subject to certain findings and conditions, and

e) Adopt Resolution 2021-44 Approving Planning and Zoning Permit No. 19-500-04 (Special Use Permit – Residential), subject to certain findings and conditions.

Isidro Figueroa, Principal Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/JOevbhB8ZkM

City staff, including: Isidro Figueroa, Principal Planner; Scott Kolwitz, Planning & Environmental Services Manager; Ken Rozell, Chief Assistant City Attorney; Tim Bochum, City Traffic Engineer; and Tai P. Chau, Supervising Civil Engineer, Eric Storrie, Special Districts Manager; Jennifer Haddow, Rincon Consultant; Mattie Magers, Rincon Consultant; and Ryan Thacher, Rincon Consultant; were available for questions.

The applicant team, including: John Carnesale (Pacific Coastal Investments, Developer); Odette Gharibeh (Pacific Coastal Investments, Project Manager); Kate Neiswender (Law Office of K.M. Neiswender, Attorney); Ross Peabody (Civil Engineer); John Morelli (Architect); and Jim Meaney (CBRE, Advisory & Transaction Services, First Vice President) provided a presentation and were available for questions.

Chair Chavez opened the public comments portion of the public hearing.

Public verbal comments were received from:

1. Faith Collari,
2. John Collari,
3. Miguel Diaz,
4. Brian Finerman, and
5. Tina M. Peters.

Public written comments were received prior to the meeting, and they were organized into Transmittal Memos, distributed to the Planning Commission and posted online:

1. Transmittal Memo No. 1, dated November 17, 2021, contained one public written comment from:
    a. Justin Campbell.
2. Transmittal Memo No. 2, dated November 18, 2021, contained one public written comment from:
    a. Judy Perkins.

No other public verbal or written comments were received for Item F-2.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff about several topics, including: widening of 5th Street; need for photometric plans; volume of retention basins and ability to be placed above or below ground; traffic volumes and patterns; accident levels of vehicles; traffic signal requirements; traffic calming devices; one-way flow of traffic; on-street parking not allowed; number of resident and visitor parking spaces; bus stop locations; location of crosswalks; affordable housing condition of approval number 45; not using affordable housing in-lieu fees; petition questions regarding condo or apartments, outreach to the school regarding construction activities; vapor barrier, airport expansion; noise disclosure; lighting standards; solar energy; solar panel roofs; limiting the homes to electric or gas only; residents ability to access the common residential areas; color scheme; palm trees; and quimby fees; ;zone change supported to provide infill housing; this project helps Oxnard provide a full continuum of housing.

MOTION: Commissioner Nash moved and Commissioner Lopez seconded a motion to:

a) Adopt Resolution 2021-40 recommending that the City Council adopt an Addendum to previously adopted Mitigated Negative Declaration (MND) 2004-11; and

b) Adopt Resolution 2021-41 recommending that the City Council approve Planning and Zoning Permit No. 20-620-02 (General Plan Amendment) to change the land use designation of the project site from Business Research Park (BRP) to Residential Medium (RM), and

c) Adopt Resolution 2021-42 recommending that the City Council approve Planning and Zoning Permit No. 20-570-02 (Zone Change) to change the zoning of the project site from Business Research Park to Multiple-Family (R-2), and

d) Adopt Resolution 2021-43 recommending that the City Council approve Planning and Zoning Permit No. 20-300-02 (Tentative Subdivision Map for Tract No. 6064), subject to certain findings and conditions with the inclusion of the following edit to Condition of Approval No. 60:

    i) 60. The applicant shall provide a notice to potential homebuyers and renters disclosing the presence of the

Oxnard Airport and a helicopter flight path along West Fifth Street and the potential expansion of the Oxnard Airport. The applicant shall provide such notice to each homebuyer and renter and obtain signatures acknowledging the presence of the Oxnard Airport and helicopter flight path along West Fifth Street and the potential expansion of the Oxnard Airport.

e) Adopt Resolution 2021-44 approving Planning and Zoning Permit No. 19-500-04 (Special Use Permit – Residential), subject to certain findings and conditions with the inclusion of the following edit to Condition of Approval Nos. 188, deletion of Condition of Approval Nos. 259, 260, 261 and 262, addition of new Condition of Approval 259, and renumber of the remaining Conditions of Approval:

i) 188. The applicant shall provide a notice to potential homebuyers and renters disclosing the presence of the Oxnard Airport and a helicopter flight path along West Fifth Street and the potential expansion of the Oxnard Airport. The applicant shall provide such notice to each homebuyer and renter and obtain signatures acknowledging the presence of the Oxnard Airport and helicopter flight path along West Fifth Street and the potential expansion of the Oxnard Airport.

~~ii) 259. Developer shall provide secure fencing around any infiltration or detention basin designed to contain stormwater at a depth greater than 18-inches. Walls and fences around the basin shall be set back a minimum of 2-feet from the top of slope. Developer shall design detention and retention basins with gates that can be accessed by maintenance vehicles. Final design is subject to approval of the City Engineer. (DS)~~

~~iii) 260. All detention or infiltration basin sites shall be provided with a minimum of two (2) signs identifying the use of the lot as a detention or infiltration basin. The signs shall have a minimum area of four (4) square feet and shall contain the following message: "WARNING This area has been designed as a storm water detention pond and is subject to periodic ponding to a depth of ____ inches." The material, design, size, and number of signs are subject to the review and approval of the City Engineer. Signs and posts shall be constructed of metal or other long-lasting material. Signage shall be oriented to be visible to residents of the project. All information regarding required detention basin signage shall be included on the grading/site improvement plans. (DS)~~

~~iv) 261. Developer shall provide a confirmation letter from the project geotechnical engineer approving the design and location of all project detention and infiltration basins that~~

~~must include a minimum setback requirement of 8-feet from any structures. The letter shall confirm that the design conforms to the Geotechnical Engineer's recommendations for structural and geotechnical setbacks from ownership lines sufficient to protect adjacent owners from negative impacts. Developer shall provide calculations demonstrating that the proposed infiltration basin slopes will not negatively impact the structural integrity or foundation support of the adjacent existing block wall or residential homes. Developer shall install a 30 mils minimum geomembrane liner around all the detention and infiltration basins to a depth recommended by the geotechnical engineer. (DS)~~

~~v) 262. Developer shall construct solid block walls between the detention and/or infiltration basins and an adjacent residential side or back yards that must be located 8-feet away. Any proposed tubular steel or other metal fencing shall be designed to have a minimum 30 year life. (DS)~~

vi) 259. Developer shall design the detention, retention, and infiltration facilities to be underground, meeting the requirements of the City of Oxnard and the 2011 Technical Guidance Manual for Stormwater Control. The design must include an access vault for each facility for inspection and maintenance purposes. Developer shall provide a confirmation letter from the project geotechnical engineer approving the design and location of all detention, retention, and infiltration facilities, including a minimum setback requirement of 8-feet from any structures. The letter shall confirm that the design conforms to the Geotechnical Engineer's recommendations for structural and geotechnical setbacks from ownership lines sufficient to protect adjacent owners from negative impacts. Developer shall provide calculations demonstrating that the proposed detention, retention, and infiltration facilities will not negatively impact the structural integrity of foundation support of the adjacent block wall or residential homes. (DS)

VOTE: Vice Chair Arruejo, Commissioners Connelly, Lopez, Nash, and Sanchez voted in favor. Chair Chavez voted no and Commissioner Meyer was absent. The motion carried 5:1:1:0:0[4].

G. STUDY SESSION/REPORTS

1. None.

[4] In Favor: Against: Absent: Abstain: Recused

H. PLANNING COMMISSION BUSINESS

1. Planning Commissioners expressed general thanks in the spirit of the season.

I. COMMUNITY DEVELOPMENT STAFF UPDATES

Scott Kolwitz, Planning & Environmental Services Manager announced:

1. The Rio Urbana Annexation associated with a City-approved project consisting of 167 condos and 15,000 square feet office building that was scheduled to be reviewed by the Local Area Formation Commission (LAFCo) was continued to December 15, 2021 due to audio technical difficulties.

2. The next Planning Commission meeting will be on December 2, 2021.

J. ADJOURNMENT

1. At 8:47 p.m., the Planning Commission concurred to adjourn.

FUTURE MEETINGS

Thursday, November 18, 2021, 6:00 p.m, Council Chambers

_____ ATTEST _____

Daniel Chavez Jr.,
Chair

Scott Kolwitz,
Planning & Environmental Services Manager

MINUTES
OXNARD PLANNING COMMISSION
December 2, 2021
Draft Minutes

A. ROLL CALL

1. At 6:00 p.m., the regular meeting of the Oxnard Planning Commission convened in the Council Chambers. Chair Chavez announced pursuant to Assembly Bill 361, members of the Planning Commision or staff may participate in meetings via teleconference.
2. Chair Chavez (via videoconference), Vice Chair Arruejo (via videoconference), Commissioners Connelly (via videoconference), Lopez (via videoconference), Meyer (via videoconference), Nash (via videoconference), and Sanchez (via videoconference) were present.
3. Staff members present were: Scott Kolwitz, Planning & Environmental Services Manager; Joe Pearson II, Senior Planner; Juan Martinez, Associate Planner; Ken Rozell, Chief Assistant City Attorney; Tim Bochum, City Traffic Engineer; and Dee Lai, Recording Secretary.
4. Chair Chavez presided and called the meeting to order.

B. PLEDGE OF ALLEGIANCE TO THE FLAG OF THE UNITED STATES

1. Commissioner Meyer led the pledge of allegiance.

C. PUBLIC COMMENTS - On Items Not On The Agenda

1. None.

D. CONSENT AGENDA

1. **Subject:** Adoption of a Resolution reauthorizing remote teleconference meetings of the Planning Commission of the City of Oxnard.

   Recommendation: That the Planning Commission adopt Resolution 2021-45 reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

   MOTION: Commissioner Sanchez moved and Commissioner Lopez seconded a motion to adopt Resolution 2021-45 reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

   VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash, and Sanchez voted in favor. The motion carried 7:0:0:0:0[1].

[1] In Favor: Against: Absent: Abstain: Recused

2. APPROVAL OF MINUTES - October 7, 2021

3. APPROVAL OF MINUTES - October 13, 2021

4. APPROVAL OF MINUTES - October 21, 2021

5. APPROVAL OF MINUTES - November 4, 2021

MOTION: Vice Chair Arruejo moved and Commissioner Meyer seconded a motion to approve the October 7, October 13, and October 21, 2021 as submitted.

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash, and Sanchez voted in favor. The motion carried 7:0:0:0:0[2].

MOTION: Vice Chair Arruejo moved and Chair Chavez seconded a motion to approve the November 4, 2021 minutes with the following edits (in underlined and strike-through format) to read as follows:

THIRD MOTION:
Commissioner Lopez moved and Commissioner Nash seconded a motion to approve the Vineyard Starbucks Site Renovations project, Planning and Zoning Permit No. 21-550-01 (Major Modification to U-916 (Special Use Permit) finding the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities) and adopting Resolution 2021-XX approving Planning and Zoning Permit No. 21-550-01 (Major Modification to U-916 (Special Use Permit), subject to certain findings and conditions with the inclusion of the following edits to Conditions 9, 107, 116, 139 and 140:

9. Developer shall provide off-street parking for the project, including the number of spaces, stall size, paving, striping, location, and access, as required by the City Code except as modified by the Administrative Parking Relief granted by the Planning Commission (PL/B, G-9) <u>including to mark the compact spaces as such to avoid larger or oversized vehicles from disrupting the planned parking.</u> ~~Each compact parking stall is to have the word "compact" painted at the entrance of the space in letters a minimum of eight inches in height.~~

~~107. The Transportation Demand Management Plan shall provide direction for onsite circulation signage. The project design shall include appropriate onsite traffic signs to instruct drivers not to queue in the public sidewalk and public roadway to the City Traffic Engineer's satisfaction. Signage shall indicate that there is additional parking onsite. Onsite directional signage shall be designed with one double-faced permanent directional sign per vehicular entrance, provided such signs do not exceed~~

[2] In Favor: Against: Absent: Abstain: Recused

~~three square feet in area each. Onsite traffic sign square footage shall not be included within the total Advertising Signs sign area, as defined by Oxnard City Code, Chapter 16, Article IX, allowed on the project site. (TR)~~

116. An Occupancy Plan must be submitted and approved prior to issuance of a certificate of occupancy. The Occupancy Plan must clearly state how recyclable and organic material, as appropriate, will be managed on site to be in compliance with applicable state laws (AB 939, AB 341, AB 1826, SB 1383); how restaurant staff will participate in the program; and how customers will be alerted ~~altered~~ to the presence of recycling on site and how contamination will be minimized. The Occupancy Plan must include what service provider(s) will manage/transport materials to appropriate facilities for processing and/or disposal.

139. All overhangs are required to be sprinklered as required by City Code.

140. Trash enclosure is required to be sprinklered as required by City Code.

AMENDMENT TO THE THIRD MOTION:

Vice Chair Arruejo moved and Commissioner Nash seconded a motion to further edit ~~to~~ Conditions 9 & 107:

9. Developer shall provide off-street parking for the project, including the number of spaces, stall size, paving, striping, location, and access, as required by the City Code except as modified by the Administrative Parking Relief granted by the Planning Commission (PL/B, G-9) ~~including to mark the compact spaces as such to avoid larger or oversized vehicles from disrupting the planned parking.~~ Each compact parking stall is to have the word "compact" painted at the entrance of the space in letters a minimum of eight inches in height.

107. The Transportation Demand Management Plan shall provide direction for onsite circulation signage. The project design shall include appropriate onsite traffic signs to instruct drivers not to queue in the public sidewalk and public roadway to the City Traffic Engineer's satisfaction. Signage shall indicate that there is additional parking onsite. Onsite directional signage shall be designed with one double-faced permanent directional sign per vehicular entrance, provided such signs do not exceed three square feet in area each. Onsite traffic sign square footage shall not be included within the total Advertising Signs sign area, as defined by Oxnard City Code, Chapter 16, Article IX, allowed on the project site. (TR)

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, and Nash voted in favor. Commissioner Sanchez abstained. The motion carried 6:0:0:1:0[3].

E. EX PARTE DECLARATIONS FOR PUBLIC HEARING ITEMS

1. Vice Chair Arruejo stated that he is a member of a Oxnard Unified High School District (OUHSD) grants board, but he has no knowledge item F-1 other than what has been provided to the Planning Commission. He can hear and consider the request in a fair, objective and unbiased manner.

2. Commissioner Lopez stated that his wife is an elected OUHSD Trustee so he is recusing himself from Item F-1.

3. Commissioner Nash stated that he has met with Henry Casillas on other projects in the past as part of the Oxnard Community Planning Group but not on the project on tonight's agenda. He can hear and consider the request in a fair, objective and unbiased manner.

4. None of the remaining Planning Commissioners had any ex parte communications to report for Items F-1 or F-2.

F. PUBLIC HEARING

1. **Project Name: Encanto Homes Subdivision - Major Modification** - PLANNING AND ZONING PERMIT No. 21-550-03 (Major Modification) to Modify PZ 20-500-05 (Special Use Permit for a Development Plan); and PZ 20-300-04 (Tentative Subdivision Map for T6054); and PZ 20-535-03 (Density Bonus). A request to:
   a) Adjust the site plan and Tentative Tract Map plotting of five lots (Lots 23 through 27) to exclude a 126 square-foot area designated to be transferred to an adjacent property (1101 West First Street) located north of Lot 27 of Tentative Tract No. 6054. The five lots have been reconfigured to accommodate the 126 square-foot area. The Major Modification the Planning Commission's recent (August 26, 2021) approval of Planning and Zoning Permit 20-500-05 (Special Use Permit for Planned Development); PZ 20-300-04 (Tentative Subdivision Map for T6054); and PZ 20-535-03 (Density Bonus) would allow for a 27-unit residential project with a reconfigured site and plotting changes to Lots 23 through 27. The Modified Project entitlements include a request to:
      i) Demolish existing infrastructure consisting of modular classroom buildings and site improvements serving the former Oxnard Union High School's Adult Education Program; and
      ii) Subdivide the Project 4.10-acre site into 27 lots ranging between 3,891 and 10,584 net square feet in size and dedication of approximately 1-acre of land for the benefit of public right-of-way for existing and proposed roadway improvements along all four sides of the proposed development. The net developable area will be 3.13 acres; and
      iii) Allow for the construction of 27 detached single-family dwelling units. The single-story, three bedroom homes will offer a two plan mix with two unit sizes

[3] In Favor: Against: Absent: Abstain: Recused

(1,149 & 1,201 square feet) and attached or detached 484 square-foot two-car garages with alley access and associated site improvements; and

iv) The Project also includes a request for the ministerial approval of a Density Bonus Permit to allow for a 23 percent Density Bonus to increase the maximum number of units from 22-units to 27-units. Of the 27 homes, twenty (20) of the homes will be market rate, seven (7) of the homes will be affordable units as follows: Three (3) units will be set aside for low income households and four (4) units will be set aside for moderate income households. Approval of the following Density Bonus concessions/incentives are requested pursuant to Government Code Section 65915(d) (State's Density Bonus law):
   (1) reduce the minimum lot area from 6,000 square feet to lots averaging 5,332.6 square feet;
   (2) reduce the minimum lot dimensions: frontage and width from 50-feet to 32-feet or greater with two flag lots having frontages of 14 and 20 feet and depth from 100 feet to 71 feet; and
   (3) reduce the rear yard setback from 25-feet to 5-feet primarily to allow the garages in the rear yard.

The Project site is located at 1101 & 1111 West Second Street & 1101 West First Street within the Residential Low land use designation, Single Family Residential (R-1) zone, and is in the Fremont South Neighborhood. Filed by Henry Casillas, on behalf of the Oxnard Union High School District, property owner, 451 West Fifth Street, Oxnard, California 93030. **City Staff: Juan Martinez, Associate Planner**

Recommendation: That the Planning Commission

a) Find the Project to be Exempt from the California Environmental Quality Act (CEQA), pursuant to Section 15332 (In-fill Development Projects) of the CEQA Guidelines; and

b) Adopt Resolution No. 2021-46 repealing Resolution No. 2021-22 and approving Planning and Zoning Permit No. 21-550-03 (Major Modification to PZ 20-500-05 Special Use Permit for a Development Plan and PZ 20-535-03 Density Bonus), subject to certain findings and conditions; and

c) Adopt Resolution 2021-47 repealing Resolution No. 2021-23 recommending that City Council approve Planning and Zoning Permit No. 20-300-04 (Tentative Tract Map for Tract No.6054), subject to certain findings and conditions.

Juan Martinez, Associate Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/wLH4J-hxqKM**.**

City staff, including: Juan Martinez, Associate Planner; Scott Kolwitz, Planning & Environmental Services Manager; and Ken Rozell, Chief Assistant City Attorney were available for questions.

The applicant team, including: Henry Casillas (Project Manager); Roberto Curiel (Principal Partner); and Mark Di Cecco (DiCecco Architecture, Inc., Architect) provided a presentation and were available for questions.

Chair Chavez opened the public comments portion of the public hearing.

A public verbal comment was received from Barbara Macri Ortiz.

A public written comments was received prior to the meeting, and it was organized into a Transmittal Memo, distributed to the Planning Commission and posted online:

1. Transmittal Memo No. 1, dated December 2, 2021, contained one public written comment from:
    a. Jules Kumagai.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff, including: property lines identification given their non-perpendicular nature; adequate spacing of fire hydrants; difference in gross and net square footage of the lots; whether the project maintains and honors the prior Density Bonus; which lots contain the affordable units; and had a survey been previously conducted that should have spotted the encroachment, or was the property transfer based on an unrecorded agreement?

MOTION: Commissioner Nash moved and Vice Chair Arruejo seconded a motion to find the Project to be Exempt from the California Environmental Quality Act (CEQA), pursuant to Section 15332 (In-fill Development Projects) of the CEQA Guidelines; Adopt Resolution No. 2021-46 repealing Resolution No. 2021-22 and approving Planning and Zoning Permit No. 21-550-03 (Major Modification to PZ 20-500-05 Special Use Permit for a Development Plan and PZ 20-535-03 Density Bonus); and adopt Resolution 2021-47 repealing Resolution No. 2021-23 recommending that City Council approve Planning and Zoning Permit No. 20-300-04 (Tentative Tract Map for Tract No.6054), subject to certain findings and conditions.

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Meyer, Nash, and Sanchez voted in favor. Commissioner Lopez was recused. The motion carried 6:0:0:0:1[4].

2. **Project Name: Vineyard Starbucks Site Renovations -** PLANNING AND ZONING PERMIT No. 21-550-01 (Major Modification to U-916 (Special Use Permit). The project includes modifications to an existing 2,450 square-foot drive through fast food restaurant building and to allow for a Starbucks coffee shop on a 0.66 acre site. The proposed improvements will consist of a series of site changes to convert the existing Wendy's restaurant drive-through restaurant into a Starbucks drive-through coffee shop. The changes include a small 50 square-foot addition to allow for the relocation of the drive-through pick-up window. The resulting building will be 2,500 square feet. The exterior of the building will be renovated with new colors and materials which will consist of tan stucco and a bronze metal roof, with a weathered copper siding.

[4] In Favor: Against: Absent: Abstain: Recused

The site layout will be reconfigured to allow for a larger vehicle queue. The revised drive-through lane will increase the queuing capacity from 5 vehicles to 16 vehicles. The project includes a Transportation Demand Management Plan.

Other changes include revised signage, upgraded landscaping, and new parking lot striping.

A request for an administrative parking relief is also be requested to allow for two modifications: 1) Allow for a decrease in the number required parking spaces from 50 parking spaces to 35 parking spaces, including 15 spaces which are provided via the drive-through queue, and 2) allow for 11 of the required parking spaces to be compact parking spaces. The Project site is located at 2551 North Vineyard Avenue (APN: 132-0-043-215) within the General Commercial Planned Development (C-2-PD) zone district and within the Commercial General land use designation. Filed by Beverly Metz, of Starbucks, 555 Anton Boulevard, Costa Mesa, CA 92626.
City Staff: Joe Pearson, Senior Planner

Recommendation: That the Planning Commission

a) Finds the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15301 (Existing Facilities); and

b) Adopt Resolution 2021-XX approving Planning and Zoning Permit No. 21-550-01 (Major Modification to U-916 (Special Use Permit)), subject to certain findings and conditions.

Joe Pearson, Senior Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/GuM_jawL1e8

City staff, including: Joe Pearson, Senior Planner; Scott Kolwitz, Planning & Environmental Services Manager; Ken Rozell, Chief Assistant City Attorney; and Tim Bochum, City Traffic Engineer were available for questions.

The applicant team, including: Christine Fong (MCG Architecture, Design Manager); Matt Friedrich (Property Owner); Hollee King (Sites Pacific Land Use Planning and Permitting Services, Property Owner Representative); Beverly Metz (Starbucks, Director of Store Development); James Spencer (MCG Architecture, Project Manager Staff); Sally Park (MCG Architecture, Job Captain); Steven Poon (Starbucks Representative); and Anthony Valdez (Starbucks, District Manager)provided a presentation and were available for questions.

Chair Chavez opened the public comments portion of the public hearing.

There were no public verbal or written comments received for item F-2.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff, including: is there a conflict with the compact spaces turning radii and pedestrian paths of travel where the drive-through queue is located; signage installation; what additional steps could be taken to enhance onsite circulation improvements; would the Planning Commission be able to review any future Transportation Demand Management Program modifications; performance measures; which location in California is the parking data pulled from; operational experiences of the stores in Oxnard; does Starbucks have metrics that shows the operations with and without handheld devices; whether Starbucks staff is trained in traffic management; time and location of Starbucks deliveries and loading zones; Riverpark Boulevard and Vineyard intersection operations; what are possible Catrans improvements; learned behavior of customers.

MAIN MOTION (MOTION OF INTENT TO DENY):

Vice Chair Arruejo moved and Commissioner Meyer seconded a Motion of Intent to Deny the Vineyard Starbucks Site Renovations project, Planning and Zoning Permit No. 21-550-01 (Major Modification to U-916 (Special Use Permit) as the Planning Commission could not make the following two required Special Use Permit Findings, as specified in the deliberations provided by the Planning Commission, and to have staff return with a formal Resolution to Deny the project on January 13, 2022:

1. The nature, condition, and development of adjacent uses, buildings, and structures shall be considered, and no proposed special use permit shall be granted if the approval body finds such use will adversely affect or be materially detrimental to such adjacent uses, buildings or structures or to the public health, safety or general welfare.
2. The site that is subject to the Special Use Permit shall be served by highways adequate in width and improved as necessary to carry the kind and quantity of traffic such use will generate.

AMENDMENT TO THE MAIN MOTION:

Commissioner Connelly moved and Vice Chair Arruelo seconded a motion to specify the Planning Commission could not make the following third required Special Use Permit Finding:

1. The site that is subject to the Special Use Permit shall be adequate in size and shape to accommodate the yards, walls, fences, parking and loading facilities, landscaping, and items which may be required by Section 16-532 (Conditions).

AMENDMENT TO THE MAIN MOTION VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, and Meyer voted in favor. Commissioners Nash and Sanchez voted against. The motion carried: 5:2:0:0:0.

MAIN MOTION (MOTION OF INTENT TO DENY) VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, and Meyer voted in favor. Commissioners Lopez, Nash, and Sanchez voted against. The motion carried 4:3:0:0:0.

G. STUDY SESSION/REPORTS

1. None.

H. PLANNING COMMISSION BUSINESS

1. Chair Chavez stated that the Oxnard Leadership Academy is still taking applications. The tuition fee is $900 and scholarships are available. Additionally, he stated that FoodShare is having their annual donation collection and Gold Coast is accepting coat donations to give to unshelter individuals.

2. Vice Chair Arruejo stated redistricting efforts are underway.

3. Commissioner Lopez stated the Del Norte facility will have free drop-off days on Saturday, December 4, 2021 for Oxnard residents only. Additionally, he stated that there will be a community information meeting for the South Oxnard Aquatic Center on Saturday, December 11, 2021 at College Park.

4. Commissioner Meyer reminded everyone that the Covid-19 vaccines are now available to those 5-years old and older and booster shots are now available for those 18 years and older.

I. COMMUNITY DEVELOPMENT STAFF UPDATES

Scott Kolwitz, Planning & Environmental Services Manager announced:

1. The Southern California Association of Governments (SCAG) is accepting applications for the Housing Policy Leadership Academy until January 10, 2022.

2. On November 17, 2021, the Rio Urbana Annexation associated with a City-approved project consisting of 167 condos and 15,000 square feet office building was reviewed by the Local Area Formation Commission (LAFCo), but the meeting ended before action could be taken due to a broadcasting disruption, and the item was continued to December 15, 2021.

3. On December 7, 2021, the City Council will review the Bed and Breakfast Ordinance Amendment and the Appeal of the Planning Commission's Approval of FGH Retail Services, LLC. - Commercial Cannabis Business Retail Special Use Permit located at 2320 North Rose Avenue.

4. The next Planning Commission meeting will be on December 16, 2021.

J. ADJOURNMENT

1. At 9:08 p.m., the Planning Commission concurred to adjourn.

FUTURE MEETINGS

Thursday, December 16, 2021, 6:00 p.m, Council Chambers

_____	ATTEST _____
Daniel Chavez Jr.,	Scott Kolwitz,
Chair	Planning & Environmental Services Manager

MINUTES
OXNARD PLANNING COMMISSION
December 16, 2021
Draft Minutes

A. ROLL CALL

1. At 6:00 p.m., the regular meeting of the Oxnard Planning Commission convened in the Council Chambers. Chair Chavez announced pursuant to Assembly Bill 361, members of the Planning Commision or staff may participate in meetings via teleconference.
2. Chair Chavez (via videoconference), Vice Chair Arruejo (via videoconference), Commissioners Connelly (via videoconference), Lopez (via videoconference), Meyer (via videoconference), Nash (via videoconference), and Sanchez (via videoconference) were present.
3. Staff members present were: Vyto Adomaitis, Community Development Director; Jeff Pengilley, Assistant Community Development Director; Scott Kolwitz, Planning & Environmental Services Manager; Joe Pearson II, Senior Planner; Ken Rozell, Chief Assistant City Attorney; Jason Zaragoza, Deputy City Attorney; Tim Bochum, City Traffic Engineer; and Dee Lai, Recording Secretary.
4. Chair Chavez presided and called the meeting to order.

B. PLEDGE OF ALLEGIANCE TO THE FLAG OF THE UNITED STATES

1. Commissioner Nash led the pledge of allegiance.

C. PUBLIC COMMENTS - On Items Not On The Agenda

1. None.

D. CONSENT AGENDA

1. **Subject:** Adoption of a Resolution reauthorizing remote teleconference meetings of the Planning Commission of the City of Oxnard.

   Recommendation: That the Planning Commission adopt Resolution 2021-49 reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

   MOTION: Commissioner Lopez moved and Commissioner Connelley seconded a motion to adopt Resolution 2021-49 reauthorizing remote teleconference meetings of the Planning Commission in accordance with Assembly Bill 361.

   VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash, and Sanchez voted in favor. The motion carried 7:0:0:0:0[1].

[1] In Favor: Against: Absent: Abstain: Recused

2. Adoption of the 2022 Planning Commission Meeting Calendar.

MOTION: Commissioner Sanchez moved and Vice Chair Arruejo seconded a motion to adopt the 2022 Planning Commission Meeting Calendar as submitted.

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash, and Sanchez voted in favor. The motion carried 7:0:0:0:0[2].

E. EX PARTE DECLARATIONS FOR PUBLIC HEARING ITEMS

1. Vice Chair Arruejo stated that he drove by and looked at the project site for Item F-3. He can hear and consider the request in a fair, objective and unbiased manner.

2. Chair Chavez stated that he met with Tony Talamante and talked about a separate topic unrelated to any items on the agenda. He can hear and consider Items F-1 and F-2 in a fair, objective and unbiased manner.

3. Commission Meyer stated that he is a resident of the Riverpark neighborhood. He is not automatically recused because of distance requirements. He can hear and consider the request in a fair, objective and unbiased manner.

4. None of the remaining Planning Commissioners had any ex parte communications to report for Items F-1, F-2 and F-3.

5. Ken Rozell, Chief Assistant City Attorney recused himself from item F-1 because of his prior representation of the RiverPark developer (1999 to 2008) while he was in private practice. Jason Zaragoza, Deputy City Attorney, will be serving as legal counsel to the Planning Commission on agenda item F-1 in Ken Rozell's place.

F. PUBLIC HEARING

1. Project Name: RiverPark Specific Plan Amendment & Development Agreement Amendment - PLANNING AND ZONING PERMIT No. 20-630-01 (Seventh Amendment to the RiverPark Specific Plan) and PZ No. 20-670-04 (Sixth Development Agreement Amendment) and certification of an Addendum to Final Environmental Impact Report No. 00-03. The project consists of the following requested actions:

a. Text and map amendments to the RiverPark Specific Plan to introduce a new high density land use designation within Planning Districts B, C, and D (Residential: Very High (30-80 units/acre)); create a new development type (Apartments - Urban); revise planning area boundaries; update the Land Use Table; and update exhibits for consistency with proposed changes. This amendment would allow development of up to 1,025 additional residential units, in exchange for a reduction of up to approximately 562,457 square feet of non-residential development.

b. Development Agreement Amendment to allow for a time extension, impact fee modifications, and define future affordable housing requirements.

The Project is located in the RiverPark Specific Plan area generally located North of the Ventura Freeway (Highway 101), west of East Vineyard Avenue, east of the Santa Clara

[2] In Favor: Against: Absent: Abstain: Recused

River, and south of Central Avenue. The project application was filed by Ann Walsh of Shea Properties, 2751 Park View Court, Suite 261, Oxnard, CA 93036.
City Staff: Joe Pearson, Senior Planner

Recommendation: That the Planning Commission

a) Adopt Resolution 2021-XX recommending City Council approval of Planning and Zoning Permit No. 20-630-01 (Amendment to the RiverPark Specific Plan), subject to certain findings, and certification of an Addendum to FEIR No. 00-03; and

b) Adopt Resolution 2021-XX recommending City Council approval of Planning and Zoning Permit No. 20-670-04 (Sixth Amendment to Development Agreement No. A-6128) for the RiverPark Specific Plan, subject to certain findings, and certification of an Addendum to FEIR No. 00-03.

Joe Pearson, Senior Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/TNX5EQKb7Qk**.**

City staff, including: Joe Pearson, Senior Planner; Scott Kolwitz, Planning & Environmental Services Manager; Jeff Pengilley, Assistant Community Development Director; Vyto Adomaitis, Community Development Director, Tim Bochum, City Traffic Engineer; and Jason Zaragoza, Deputy City Attorney were available for questions.

The applicant team, including: Jonathan Cornelius (Fore Property, Vice President): Sean Mohn (Gibson Transportation, Principal); Tony Locacciato (Meridian Consultants, Partner); Doug Svensson (Applied Development Economics, President); Tony Talamante (Talamante Project Delivery, Owner); Ann Walsh (Shea Properties, Director Of Development); and Derek Wyatt (RCLCO, Managing Director) provided a presentation and were available for questions.

Chair Chavez opened the public comments portion of the public hearing.

Public verbal comment was received from:

1. Armando Delgado,
2. Katherine Lazier,
3. Joshua Medrano,
4. Paul Schnebelen, and
5. Anthony Ventura.

Public written comments were received prior to the meeting, and they were organized into Transmittal Memos, distributed to the Planning Commission and posted online:

1. Transmittal Memo No. 1, dated December 15, 2021, contained four public written comments from:
    a. Kathy Lazier (two separate correspondences),
    b. Nancy Madrid, and
    c. Tai Hartley,

2. Transmittal Memo No. 2, dated December 16, 2021, contained four public written comments from:
    a. Peaches Aguirre,
    b. Tai Hartley,
    c. Michael Kubanet,
    d. Llana Stice.
3. Transmittal Memo No. 3, dated December 16, 2021, contained two public written comments from:
    a. Perry Self, and
    b. Michael Wallace and Sarah Johns Wallace.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff, including: how was the 9,000 vehicle trip reduction calculated; what would be displaced in District D to allow for residential development; how realistic is it to expect the commercial development to be built; type of parking structure to accommodate displaced parking; how will parking be balanced onsite; ensuring utilities infrastructure is maintained with this change; ways to making building energy efficient; whether project is open to eliminating gas ranges; is a 5 year extension an industry standard; meaning of waived or increased impact fees; 2018 impact fees impacting Development Agreement number 2 and 7; reasons for fee increase in 2020; values of the assets if fully built out as commercial or residential; whether the Planning Commission would be involved in review of future development projects; are fees in the Development Agreement appropriate; how are uses determined to be allowed or not; maximum height of any structure in River Park; parking strategies lessons learned from existing RiverPark developments; has an emergency egress plan been reviewed for man made or natural disasters; the number of affordable housing requirement in a development project; pre-pandemic versus current retail occupancy percentage; is there a development plan to go along with the Specific Plan Amendment; can a Development Agreement include a labor agreement; District B is located next to the property with the approved gas station; difference between one-time and perpetual fees paid as part of the units; would this project reduce the costs per unit as part of the CFD; many real world happenings since 2001: recession, decline of brick and mortar stores, pandemic, autonomous vehicles.

PROCEDURAL MOTION:

Commissioner Nash moved and Chair Chavez seconded the motion to extend the meeting past 11:00 p.m.

PROCEDURAL MOTION VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash and Sanchez voted in favor. The motion carried 7:0:0:0:0[3].

MAIN MOTION:

Vice Chair Arruejo moved and Commissioner Connelly seconded a motion to adopt Resolution recommending City Council approval of Planning and

[3] In Favor: Against: Absent: Abstain: Recused

Zoning Permit No. 20-630-01 (Amendment to the RiverPark Specific Plan), subject to certain findings, and certification of an Addendum to FEIR No. 00-03; and adopt a Resolution recommending City Council approval of Planning and Zoning Permit No. 20-670-04 (Sixth Amendment to Development Agreement No. A-6128) for the RiverPark Specific Plan, subject to certain findings, and certification of an Addendum to FEIR No. 00-03, subject to certain findings and conditions.

SECOND MOTION (AMENDMENT TO MAIN MOTION):

Vice Chair Arruejo moved and Commissioner Connelly seconded a motion to remove Development Agreement Amendment requests 2 (Set applicable impact fees at the rates effective September 24, 2018 for the term of the agreement, except as otherwise modified) and 7 (Set the Traffic Impact Fee at the rate in effect September 24, 2018 for the term of the agreement) from the Development Agreement.

SECOND MOTION (AMENDMENT TO MAIN MOTION) VOTE:

Chair Chavez and Vice Chair Arruejo voted in favor. Commissioners Connelly, Lopez, Meyer, Nash, and Sanchez voted against. The motion failed 2:5:0:0:0[4].

THIRD MOTION (SECOND AMENDMENT TO MAIN MOTION):

Commissioner Connelly moved and Vice Chair Arruejo seconded a motion to remove potential residential development within District D from the Specific Plan Amendment request and continue the project to a date certain of January 13, 2022.

THIRD MOTION (SECOND AMENDMENT TO MAIN MOTION) VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, and Sachez voted in favor. Commissioners Meyer and Nash, voted against. The motion carried 5:2:0:0:0[5].

MAIN MOTION VOTE:

The Commission did not vote on the main motion.

2. **Project Name: Fore Property Development Agreement Amendment -** PLANNING AND ZONING PERMIT No. 20-670-03 (Second Development Agreement Amendment) and certification of an Addendum to Final Environmental Impact Report No. 00-03. The project consists of a Development Agreement Amendment to allow for a time extension, fee modifications, define future affordable housing requirements, and off-site maintenance requirements. The Project is located at 2700 and 2750 North Ventura Road (APN 132-0-100-095 & 132-0-100-085). The project application was filed by Jonathan K. Cornelius of Fore Property, 1004 Santa Barbara Street, Santa Barbara , CA 93101

City Staff: Joe Pearson, Senior Planner

[4] In Favor: Against: Absent: Abstain: Recused
[5] In Favor: Against: Absent: Abstain: Recused

Recommendation: That the Planning Commission
Adopt Resolution 2021-50 recommending City Council approval of Planning and Zoning Permit No. 20-670-03 (Second Amendment to Development Agreement No. A-7113) for Fore Property, subject to certain findings, and certification of an Addendum to FEIR No. 00-03.

Joe Pearson, Senior Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/xfy6qDBSYbo

City staff, including: Joe Pearson, Senior Planner; Scott Kolwitz, Planning & Environmental Services Manager; Jeff Pengilley, Assistant Community Development Director; Vyto Adomaitis, Community Development Director, Tim Bochum, City Traffic Engineer; and Ken Rozell, Chief Assistant City Attorney were available for questions.

The applicant team, including: Jonathan Cornelius (Fore Property, Vice President): Sean Mohn (Gibson Transportation, Principal); Tony Locacciato (Meridian Consultants, Partner); Doug Svensson (Applied Development Economics, President); Tony Talamante (Talamante Project Delivery, Owner); Ann Walsh, Director Of Development, Shea Properties) andDerek Wyatt (RCLCO, Managing Director)provided a presentation and were available for questions.

Chair Chavez opened the public comments portion of the public hearing.

A public verbal comment was received from Armando Delgado.

No public written comments were received for item F-2.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff, including supporting housing and affordability; and can a Development Agreement include a labor agreement.

MAIN MOTION:

Commissioner Connelly moved and Commissioner Meyer seconded a motion to adopt Resolution 2021-50 recommending City Council approval of Planning and Zoning Permit No. 20-670-03 (Second Amendment to Development Agreement No. A-7113) for Fore Property, subject to certain findings, and certification of an Addendum to FEIR No. 00-03.

SECOND MOTION (AMENDMENT TO MAIN MOTION):

Commissioner Meyer moved and Commissioner Nash seconded a motion to adopt Resolution 2021-50 recommending City Council require a Project Labor Agreement as part of the Development Agreement.

SECOND MOTION (AMENDMENT TO MAIN MOTION) VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash and Sanchez voted in favor. The motion carried 7:0:0:0:0[6].

MAIN MOTION VOTE:

Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash and Sanchez voted in favor. The motion carried 7:0:0:0:0[7].

3. **Project Name: Lockwood Senior Apartments Project -** PLANNING AND ZONING PERMIT No. 21-500-01 (Special Use Permit). A request for the construction of a 173 unit, 100 percent affordable, active senior apartment project at 2001 Outlet Center Drive (portion of APN: 213-0-090-285), for individuals who are 62 years of age or older, with associated site improvements on an approximately 3.60 acre site and adjacent infrastructure improvements offsite. The Project also includes a request for ministerial approval of a Density Bonus Permit to allow for a 65 percent density bonus to increase the maximum number of units from 105 to 173 units and to waive, reduce or modify three development standards related to open space requirements, balcony size and number, and bedroom location and apply parking reductions per State regulations. The project is located within the Business Research Park land use designation and the Business Research Park - Affordable Housing Discretionary (BRP-AHD) zone. Filed by Mark Ross, of Sun Village, LLC, on behalf of Sunbelt Enterprises, LLC, 5715 Mesmer Avenue, Los Angeles, CA 90230 (the "Applicant").

City Staff: Joe Pearson, Senior Planner

Recommendation: That the Planning Commission

a) Find the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15332 (In-Fill Development Projects); and

b) Adopt Resolution 2021-51 Approving Planning and Zoning Permit Nos. 21-500-01 (Special Use Permit) and 21-535-04 (Density Bonus), subject to certain findings and conditions.

Joe Pearson, Senior Planner, provided the required Measure M pre-recorded presentation video outlining the request which was posted with the agenda: https://youtu.be/htSRTY8d6pA

City staff, including: Joe Pearson, Senior Planner; Scott Kolwitz, Planning & Environmental Services Manager; Jeff Pengilley, Assistant Community Development Director; Vyto Adomaitis, Community Development Director; Tim Bochum, City Traffic Engineer; and Ken Rozell, Chief Assistant City Attorney were available for questions.

The applicant team, including: Randy Chapman (CCE Design Associates, Inc., Civil Engineer); Thomas Cohen (Cohen Land Use Law, Counsel); Mark Pettit (Lauterbach & Associates, Architect); and Mark Ross (Sunbelt, Developer/Agent) provided a presentation and were available for questions.

[6] In Favor: Against: Absent: Abstain: Recused
[7] In Favor: Against: Absent: Abstain: Recused

Chair Chavez opened the public comments portion of the public hearing.

Public verbal comments were received from:

1. Francine Castanon,
2. Armando Delgado, and
3. Michael Penrod.

A public written comment was received prior to the meeting, and it was organized into a Transmittal Memo, distributed to the Planning Commission and posted online:

1. Transmittal Memo No. 1, dated December 16, 2021, contained one public written comment from:
    a. Mitchell M. Tsai.

Chair Chavez closed the public comments portion of the public hearing.

Discussion ensued among the Commissioners and staff, including: opportunities for daycare onsite; no traffic issues; this project can revitalize this area; and good location.

MOTION: Commissioner Nash moved and Commissioner Connelly seconded a motion to find the Project to be Categorically Exempt from environmental review pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15332 (In-Fill Development Projects); and Adopt Resolution 2021-51 Approving Planning and Zoning Permit Nos. 21-500-01 (Special Use Permit) and 21-535-04 (Density Bonus), to include the revised condition number 75, subject to certain findings and conditions with the inclusion of the following edit to Condition of Approval No. 75:

75. ~~All s~~Signalized intersections at Gonzales Road & Solar Drive and Gonzales Road & Lombard Street/Outlet Center Drive shall be equipped with pre-emption equipment. (FD/TR, F15).

VOTE: Chair Chavez, Vice Chair Arruejo, Commissioners Connelly, Lopez, Meyer, Nash and Sanchez voted in favor. The motion carried 7:0:0:0:0[8].

G. STUDY SESSION/REPORTS

1. None.

H. PLANNING COMMISSION BUSINESS

1. Planning Commissioners wished all happy holidays and shared appreciations.

[8] In Favor: Against: Absent: Abstain: Recused

I. COMMUNITY DEVELOPMENT STAFF UPDATES

Scott Kolwitz, Planning & Environmental Services Manager announced:

1. The Rio Urbana Annexation associated with a City-approved project consisting of 167 condos and 15,000 square feet office building that was approved by the Local Area Formation Commission (LAFCo) on December 15, 2021.
2. The next Planning Commission meeting will be on January 13, 2022.

J. ADJOURNMENT

1. At 12:30 a.m., the Planning Commission concurred to adjourn.

FUTURE MEETINGS

Thursday, January 13, 2022, 6:00 p.m, Council Chambers

_____	ATTEST _____
Daniel Chavez Jr.,	Scott Kolwitz,
Chair	Planning & Environmental Services Manager

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

MEMORANDUM

Agenda Item No.: F.2

Date: January 13, 2022

To: **Planning Commission**

From: **Joe Pearson II, Senior Planner (805) 385-8272**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 1 – RiverPark Specific Plan Amendment & Development Agreement Amendment** - PLANNING AND ZONING PERMIT No. 20-630-01 (Seventh Amendment to the RiverPark Specific Plan) and PZ No. 20-670-04 (Sixth Development Agreement Amendment) and certification of an Addendum to Final Environmental Impact Report No. 00-03. The project consists of the following requested actions:

a. Text and map amendments to the RiverPark Specific Plan to introduce a new high density land use designation within Planning Districts B, C, and D (Residential: Very High (30-80 units/acre)); create a new development type (Apartments - Urban); revise planning area boundaries; update the Land Use Table; and update exhibits for consistency with proposed changes. This amendment would allow development of up to 1,025 additional residential units, in exchange for a reduction of up to approximately 562,457 square feet of non-residential development.
b. Development Agreement Amendment to allow for a time extension, impact fee modifications, and define future affordable housing requirements.

The Project is located in the RiverPark Specific Plan area generally located North of the Ventura Freeway (Highway 101), west of East Vineyard Avenue, east of the Santa Clara River, and south of Central Avenue. The project application was filed by Ann Walsh of Shea Properties, 2751 Park View Court, Suite 261, Oxnard, CA 93036.

Subsequent to the release of the Project Memo and attachments, staff has received six communications from the public concerning the proposed project (attached). With regard to the letter from Mitchell Tsai, while the public comment references the RiverPark Specific Plan - Fore Apartments Project, the Fore Apartments Project is not before the Planning Commission.

However, it is related to the RiverPark Specific Plan; it is being provided as public comment for this item.

Staff will provide a response as necessary.

Attachment

A. Letter from Mitchell Tsai received January 13, 2022
B. Email from Randy Wetmur received January 13, 2022
C. Email from Max Ghenis received January 13, 2022
D. Email from Mindy Greenberg received January 13, 2022
E. Email from Chris Tull received January 13, 2022
F. Email from Jay Turner received January 13, 2022

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

January 13, 2022

Rose Chaparro
City Clerk
City of Oxnard
300 West Third Street, Fourth Floor
Oxnard, CA 93030
Em: cityclerk@oxnard.org

Joe Pearson, Senior Planner
Community Development Department
City of Oxnard
214 South C Street
Oxnard, CA 93030
Em: Joe.Pearson@Oxnard.org

RE: City of Oxnard's RiverPark Specific Plan – Fore Apartment.

Dear Rose Chaparro and Joe Pearson,

On behalf of the Southwest Regional Council of Carpenters ("**Southwest Carpenter**" or "**SWRCC**"), my Office is submitting these comments for the City of Oxnard's ("**City**") January 13, 2022 Planning Commission Meeting for the RiverPark Specific Plan – Fore Apartments ("**Project**").

The Southwest Carpenters is a labor union representing 50,000 union carpenters in six states, including California, 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.

SWRCC expressly reserves 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.

SWRCC incorporates 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, SWRCC requests that the City 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

---

[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

help achieve a more positive jobs-housing balance, and reduce regional commuting, gas consumption, and greenhouse gas emissions."[3]

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

---

[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.

[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://cproundtable.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.

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, 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.

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

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

2656 29th Street, Suite 201
Santa Monica, CA 90405

Matt Hagemann, P.G, C.Hg.
(949) 887-9013
mhagemann@swape.com

Paul E. Rosenfeld, PhD
(310) 795-2335
prosenfeld@swape.com

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):

> "$VMT_d = \Sigma(\text{Average Daily Trip Rate}_i * \text{Average Overall Trip Length}_i)_n$
>
> 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):

> "$\text{Emissions}_{pollutant} = VMT * EF_{running,pollutant}$
>
> Where:
>
> $\text{Emissions}_{pollutant}$ = emissions from vehicle running for each pollutant
>
> VMT = vehicle miles traveled
>
> $EF_{running,pollutant}$ = 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_2e)	3,623
Amortized Construction GHG Emissions (MT CO_2e/year)	120.77
With Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,024
Amortized Construction GHG Emissions (MT CO_2e/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.

Location Type	Location Name	Rural H-W (miles)	Urban H-W (miles)
Air Basin	Great Basin	16.8	10.8
Air Basin	Lake County	16.8	10.8
Air Basin	Lake Tahoe	16.8	10.8
Air Basin	Mojave Desert	16.8	10.8
Air Basin	Mountain	16.8	10.8
Air Basin	North Central	17.1	12.3
Air Basin	North Coast	16.8	10.8
Air Basin	Northeast	16.8	10.8
Air Basin	Sacramento	16.8	10.8
Air Basin	Salton Sea	14.6	11
Air Basin	San Diego	16.8	10.8
Air Basin	San Francisco	10.8	10.8
Air Basin	San Joaquin	16.8	10.8
Air Basin	South Central	16.8	10.8
Air Basin	South Coast	19.8	14.7
Air District	Amador County	16.8	10.8
Air District	Antelope Valley	16.8	10.8
Air District	Bay Area AQMD	10.8	10.8
Air District	Butte County	12.54	12.54
Air District	Calaveras	16.8	10.8
Air District	Colusa County	16.8	10.8
Air District	El Dorado	16.8	10.8
Air District	Feather River	16.8	10.8
Air District	Glenn County	16.8	10.8
Air District	Great Basin	16.8	10.8
Air District	Imperial County	10.2	7.3
Air District	Kern County	16.8	10.8
Air District	Lake County	16.8	10.8
Air District	Lassen County	16.8	10.8
Air District	Mariposa	16.8	10.8
Air District	Mendocino	16.8	10.8
Air District	Modoc County	16.8	10.8
Air District	Mojave Desert	16.8	10.8
Air District	Monterey Bay	16.8	10.8
Air District	North Coast	16.8	10.8
Air District	Northern Sierra	16.8	10.8
Air District	Northern	16.8	10.8
Air District	Placer County	16.8	10.8
Air District	Sacramento	15	10

Air District	San Diego	16.8	10.8
Air District	San Joaquin	16.8	10.8
Air District	San Luis Obispo	13	13
Air District	Santa Barbara	8.3	8.3
Air District	Shasta County	16.8	10.8
Air District	Siskiyou County	16.8	10.8
Air District	South Coast	19.8	14.7
Air District	Tehama County	16.8	10.8
Air District	Tuolumne	16.8	10.8
Air District	Ventura County	16.8	10.8
Air District	Yolo/Solano	15	10
County	Alameda	10.8	10.8
County	Alpine	16.8	10.8
County	Amador	16.8	10.8
County	Butte	12.54	12.54
County	Calaveras	16.8	10.8
County	Colusa	16.8	10.8
County	Contra Costa	10.8	10.8
County	Del Norte	16.8	10.8
County	El Dorado-Lake	16.8	10.8
County	El Dorado-	16.8	10.8
County	Fresno	16.8	10.8
County	Glenn	16.8	10.8
County	Humboldt	16.8	10.8
County	Imperial	10.2	7.3
County	Inyo	16.8	10.8
County	Kern-Mojave	16.8	10.8
County	Kern-San	16.8	10.8
County	Kings	16.8	10.8
County	Lake	16.8	10.8
County	Lassen	16.8	10.8
County	Los Angeles-	16.8	10.8
County	Los Angeles-	19.8	14.7
County	Madera	16.8	10.8
County	Marin	10.8	10.8
County	Mariposa	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Mendocino-	16.8	10.8
County	Merced	16.8	10.8
County	Modoc	16.8	10.8
County	Mono	16.8	10.8
County	Monterey	16.8	10.8
County	Napa	10.8	10.8

County	Nevada	16.8	10.8
County	Orange	19.8	14.7
County	Placer-Lake	16.8	10.8
County	Placer-Mountain	16.8	10.8
County	Placer-	16.8	10.8
County	Plumas	16.8	10.8
County	Riverside-	16.8	10.8
County	Riverside-	19.8	14.7
County	Riverside-Salton	14.6	11
County	Riverside-South	19.8	14.7
County	Sacramento	15	10
County	San Benito	16.8	10.8
County	San Bernardino-	16.8	10.8
County	San Bernardino-	19.8	14.7
County	San Diego	16.8	10.8
County	San Francisco	10.8	10.8
County	San Joaquin	16.8	10.8
County	San Luis Obispo	13	13
County	San Mateo	10.8	10.8
County	Santa Barbara-	8.3	8.3
County	Santa Barbara-	8.3	8.3
County	Santa Clara	10.8	10.8
County	Santa Cruz	16.8	10.8
County	Shasta	16.8	10.8
County	Sierra	16.8	10.8
County	Siskiyou	16.8	10.8
County	Solano-	15	10
County	Solano-San	16.8	10.8
County	Sonoma-North	16.8	10.8
County	Sonoma-San	10.8	10.8
County	Stanislaus	16.8	10.8
County	Sutter	16.8	10.8
County	Tehama	16.8	10.8
County	Trinity	16.8	10.8
County	Tulare	16.8	10.8
County	Tuolumne	16.8	10.8
County	Ventura	16.8	10.8
County	Yolo	15	10
County	Yuba	16.8	10.8
Statewide	Statewide	16.8	10.8

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**
Mininum	**10.80**	**10.80**
Maximum	**19.80**	**14.70**
Range	**9.00**	**3.90**

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1713	1.8242	1.1662	2.4000e-003	0.4169	0.0817	0.4986	0.1795	0.0754	0.2549	0.0000	213.1969	213.1969	0.0601	0.0000	214.6993
2022	0.6904	4.1142	6.1625	0.0189	1.3058	0.1201	1.4259	0.3460	0.1128	0.4588	0.0000	1,721.6826	1,721.6826	0.1294	0.0000	1,724.9187
2023	0.6148	3.3649	5.6747	0.0178	1.1963	0.0996	1.2959	0.3203	0.0935	0.4138	0.0000	1,627.5295	1,627.5295	0.1185	0.0000	1,630.4925
2024	4.1619	0.1335	0.2810	5.9000e-004	0.0325	6.4700e-003	0.0390	8.6300e-003	6.0400e-003	0.0147	0.0000	52.9078	52.9078	8.0200e-003	0.0000	53.1082
Maximum	**4.1619**	**4.1142**	**6.1625**	**0.0189**	**1.3058**	**0.1201**	**1.4259**	**0.3460**	**0.1128**	**0.4588**	**0.0000**	**1,721.6826**	**1,721.6826**	**0.1294**	**0.0000**	**1,724.9187**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1713	1.8242	1.1662	2.4000e-003	0.4169	0.0817	0.4986	0.1795	0.0754	0.2549	0.0000	213.1967	213.1967	0.0601	0.0000	214.6991
2022	0.6904	4.1142	6.1625	0.0189	1.3058	0.1201	1.4259	0.3460	0.1128	0.4588	0.0000	1,721.6823	1,721.6823	0.1294	0.0000	1,724.9183
2023	0.6148	3.3648	5.6747	0.0178	1.1963	0.0996	1.2959	0.3203	0.0935	0.4138	0.0000	1,627.5291	1,627.5291	0.1185	0.0000	1,630.4921
2024	4.1619	0.1335	0.2810	5.9000e-004	0.0325	6.4700e-003	0.0390	8.6300e-003	6.0400e-003	0.0147	0.0000	52.9077	52.9077	8.0200e-003	0.0000	53.1082
Maximum	**4.1619**	**4.1142**	**6.1625**	**0.0189**	**1.3058**	**0.1201**	**1.4259**	**0.3460**	**0.1128**	**0.4588**	**0.0000**	**1,721.6823**	**1,721.6823**	**0.1294**	**0.0000**	**1,724.9183**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-1-2021**	**11-30-2021**	1.4103	1.4103
2	**12-1-2021**	**2-28-2022**	1.3613	1.3613
3	**3-1-2022**	**5-31-2022**	1.1985	1.1985
4	**6-1-2022**	**8-31-2022**	1.1921	1.1921
5	**9-1-2022**	**11-30-2022**	1.1918	1.1918
6	**12-1-2022**	**2-28-2023**	1.0774	1.0774
7	**3-1-2023**	**5-31-2023**	1.0320	1.0320
8	**6-1-2023**	**8-31-2023**	1.0260	1.0260

9	**9-1-2023**	**11-30-2023**	1.0265	1.0265
10	**12-1-2023**	**2-29-2024**	2.8857	2.8857
11	**3-1-2024**	**5-31-2024**	1.6207	1.6207
		Highest	2.8857	2.8857

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0012	51.0012	0.0144	0.0000	51.3601
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0012**	**51.0012**	**0.0144**	**0.0000**	**51.3601**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	7.5000e-004	8.5100e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.2251	2.2251	7.0000e-005	0.0000	2.2267
Total	**2.9000e-003**	**0.0641**	**0.0233**	**2.0000e-004**	**6.4100e-003**	**2.1000e-004**	**6.6200e-003**	**1.7300e-003**	**2.0000e-004**	**1.9300e-003**	**0.0000**	**19.6816**	**19.6816**	**1.2800e-003**	**0.0000**	**19.7136**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0011	51.0011	0.0144	0.0000	51.3600
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0011**	**51.0011**	**0.0144**	**0.0000**	**51.3600**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.7000e-004	7.5000e-004	8.5100e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.5000e-004	2.0000e-005	6.7000e-004	0.0000	2.2251	2.2251	7.0000e-005	0.0000	2.2267
Total	**2.9000e-003**	**0.0641**	**0.0233**	**2.0000e-004**	**6.4100e-003**	**2.1000e-004**	**6.6200e-003**	**1.7300e-003**	**2.0000e-004**	**1.9300e-003**	**0.0000**	**19.6816**	**19.6816**	**1.2800e-003**	**0.0000**	**19.7136**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7061**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**7.7000e-004**	**6.0000e-004**	**6.8100e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.7801**	**1.7801**	**5.0000e-005**	**0.0000**	**1.7814**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7060**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**7.7000e-004**	**6.0000e-004**	**6.8100e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.7801**	**1.7801**	**5.0000e-005**	**0.0000**	**1.7814**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5405	103.5405	0.0335	0.0000	104.3776
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5405**	**103.5405**	**0.0335**	**0.0000**	**104.3776**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.2700e-003	0.0144	4.0000e-005	4.1600e-003	3.0000e-005	4.2000e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	3.7579	3.7579	1.1000e-004	0.0000	3.7607
Total	**1.6400e-003**	**1.2700e-003**	**0.0144**	**4.0000e-005**	**4.1600e-003**	**3.0000e-005**	**4.2000e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.7579**	**3.7579**	**1.1000e-004**	**0.0000**	**3.7607**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5403	103.5403	0.0335	0.0000	104.3775
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5403**	**103.5403**	**0.0335**	**0.0000**	**104.3775**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6400e-003	1.2700e-003	0.0144	4.0000e-005	4.1600e-003	3.0000e-005	4.2000e-003	1.1100e-003	3.0000e-005	1.1400e-003	0.0000	3.7579	3.7579	1.1000e-004	0.0000	3.7607
Total	**1.6400e-003**	**1.2700e-003**	**0.0144**	**4.0000e-005**	**4.1600e-003**	**3.0000e-005**	**4.2000e-003**	**1.1100e-003**	**3.0000e-005**	**1.1400e-003**	**0.0000**	**3.7579**	**3.7579**	**1.1000e-004**	**0.0000**	**3.7607**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.1000e-004	2.4400e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6679	0.6679	2.0000e-005	0.0000	0.6684
Total	**2.8000e-004**	**2.1000e-004**	**2.4400e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.7000e-004**	**2.0000e-004**	**1.0000e-005**	**2.1000e-004**	**0.0000**	**0.6679**	**0.6679**	**2.0000e-005**	**0.0000**	**0.6684**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	2.1000e-004	2.4400e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6679	0.6679	2.0000e-005	0.0000	0.6684
Total	**2.8000e-004**	**2.1000e-004**	**2.4400e-003**	**1.0000e-005**	**7.7000e-004**	**1.0000e-005**	**7.7000e-004**	**2.0000e-004**	**1.0000e-005**	**2.1000e-004**	**0.0000**	**0.6679**	**0.6679**	**2.0000e-005**	**0.0000**	**0.6684**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1324	293.1324	0.0702	0.0000	294.8881
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1324**	**293.1324**	**0.0702**	**0.0000**	**294.8881**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.4088	0.3066	3.5305	0.0107	1.1103	8.8700e-003	1.1192	0.2949	8.1700e-003	0.3031	0.0000	966.8117	966.8117	0.0266	0.0000	967.4773
Total	**0.4616**	**2.0027**	**3.9885**	**0.0152**	**1.2243**	**0.0121**	**1.2363**	**0.3278**	**0.0112**	**0.3390**	**0.0000**	**1,408.7952**	**1,408.7952**	**0.0530**	**0.0000**	**1,410.1208**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1321	293.1321	0.0702	0.0000	294.8877
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1321**	**293.1321**	**0.0702**	**0.0000**	**294.8877**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.4088	0.3066	3.5305	0.0107	1.1103	8.8700e-003	1.1192	0.2949	8.1700e-003	0.3031	0.0000	966.8117	966.8117	0.0266	0.0000	967.4773
Total	**0.4616**	**2.0027**	**3.9885**	**0.0152**	**1.2243**	**0.0121**	**1.2363**	**0.3278**	**0.0112**	**0.3390**	**0.0000**	**1,408.7952**	**1,408.7952**	**0.0530**	**0.0000**	**1,410.1208**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2789	286.2789	0.0681	0.0000	287.9814
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2789**	**286.2789**	**0.0681**	**0.0000**	**287.9814**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.3753	0.2708	3.1696	0.0101	1.0840	8.4100e-003	1.0924	0.2879	7.7400e-003	0.2957	0.0000	909.3439	909.3439	0.0234	0.0000	909.9291
Total	**0.4135**	**1.5218**	**3.5707**	**0.0144**	**1.1953**	**9.8700e-003**	**1.2051**	**0.3200**	**9.1400e-003**	**0.3292**	**0.0000**	**1,327.3369**	**1,327.3369**	**0.0462**	**0.0000**	**1,328.4916**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2785	286.2785	0.0681	0.0000	287.9811
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2785**	**286.2785**	**0.0681**	**0.0000**	**287.9811**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.3753	0.2708	3.1696	0.0101	1.0840	8.4100e-003	1.0924	0.2879	7.7400e-003	0.2957	0.0000	909.3439	909.3439	0.0234	0.0000	909.9291
Total	**0.4135**	**1.5218**	**3.5707**	**0.0144**	**1.1953**	**9.8700e-003**	**1.2051**	**0.3200**	**9.1400e-003**	**0.3292**	**0.0000**	**1,327.3369**	**1,327.3369**	**0.0462**	**0.0000**	**1,328.4916**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.1200e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8963	0.8963	2.0000e-005	0.0000	0.8968
Total	**3.7000e-004**	**2.7000e-004**	**3.1200e-003**	**1.0000e-005**	**1.0700e-003**	**1.0000e-005**	**1.0800e-003**	**2.8000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8963**	**0.8963**	**2.0000e-005**	**0.0000**	**0.8968**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.1200e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8963	0.8963	2.0000e-005	0.0000	0.8968
Total	**3.7000e-004**	**2.7000e-004**	**3.1200e-003**	**1.0000e-005**	**1.0700e-003**	**1.0000e-005**	**1.0800e-003**	**2.8000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8963**	**0.8963**	**2.0000e-005**	**0.0000**	**0.8968**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.1000e-004	4.9200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4697	1.4697	4.0000e-005	0.0000	1.4706
Total	**5.9000e-004**	**4.1000e-004**	**4.9200e-003**	**2.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.4697**	**1.4697**	**4.0000e-005**	**0.0000**	**1.4706**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.1000e-004	4.9200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4697	1.4697	4.0000e-005	0.0000	1.4706
Total	**5.9000e-004**	**4.1000e-004**	**4.9200e-003**	**2.0000e-005**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**4.8000e-004**	**1.0000e-005**	**4.9000e-004**	**0.0000**	**1.4697**	**1.4697**	**4.0000e-005**	**0.0000**	**1.4706**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0101	6.9900e-003	0.0835	2.8000e-004	0.0307	2.3000e-004	0.0309	8.1500e-003	2.2000e-004	8.3700e-003	0.0000	24.9407	24.9407	6.1000e-004	0.0000	24.9558
Total	**0.0101**	**6.9900e-003**	**0.0835**	**2.8000e-004**	**0.0307**	**2.3000e-004**	**0.0309**	**8.1500e-003**	**2.2000e-004**	**8.3700e-003**	**0.0000**	**24.9407**	**24.9407**	**6.1000e-004**	**0.0000**	**24.9558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0101	6.9900e-003	0.0835	2.8000e-004	0.0307	2.3000e-004	0.0309	8.1500e-003	2.2000e-004	8.3700e-003	0.0000	24.9407	24.9407	6.1000e-004	0.0000	24.9558
Total	**0.0101**	**6.9900e-003**	**0.0835**	**2.8000e-004**	**0.0307**	**2.3000e-004**	**0.0309**	**8.1500e-003**	**2.2000e-004**	**8.3700e-003**	**0.0000**	**24.9407**	**24.9407**	**6.1000e-004**	**0.0000**	**24.9558**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Unmitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
NaturalGas Mitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478
NaturalGas Unmitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Unmitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

7.0 Water Detail

7.1 Mitigation Measures Water

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	585.8052	3.0183	0.0755	683.7567
Unmitigated	585.8052	3.0183	0.0755	683.7567

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	207.8079	12.2811	0.0000	514.8354
Unmitigated	207.8079	12.2811	0.0000	514.8354

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2769	46.4588	31.6840	0.0643	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,234.7974	6,234.7974	1.9495	0.0000	6,283.5352
2022	5.3304	38.8967	49.5629	0.1517	9.8688	1.6366	10.7727	3.6558	1.5057	5.1615	0.0000	15,251.5674	15,251.5674	1.9503	0.0000	15,278.5288
2023	4.8957	26.3317	46.7567	0.1472	9.8688	0.7794	10.6482	2.6381	0.7322	3.3702	0.0000	14,807.5269	14,807.5269	1.0250	0.0000	14,833.1521
2024	237.1630	9.5575	15.1043	0.0244	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,361.3989	2,361.3989	0.7177	0.0000	2,379.3421
Maximum	**237.1630**	**46.4588**	**49.5629**	**0.1517**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**15,251.5674**	**15,251.5674**	**1.9503**	**0.0000**	**15,278.5288**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2769	46.4588	31.6840	0.0643	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,234.7974	6,234.7974	1.9495	0.0000	6,283.5352
2022	5.3304	38.8967	49.5629	0.1517	9.8688	1.6366	10.7727	3.6558	1.5057	5.1615	0.0000	15,251.5674	15,251.5674	1.9503	0.0000	15,278.5288
2023	4.8957	26.3317	46.7567	0.1472	9.8688	0.7794	10.6482	2.6381	0.7322	3.3702	0.0000	14,807.5269	14,807.5269	1.0250	0.0000	14,833.1520
2024	237.1630	9.5575	15.1043	0.0244	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,361.3989	2,361.3989	0.7177	0.0000	2,379.3421
Maximum	**237.1630**	**46.4588**	**49.5629**	**0.1517**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**15,251.5674**	**15,251.5674**	**1.9503**	**0.0000**	**15,278.5288**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	**0.1916**	**4.1394**	**1.5644**	**0.0136**	**0.4346**	**0.0139**	**0.4485**	**0.1176**	**0.0133**	**0.1309**		**1,463.0568**	**1,463.0568**	**0.0927**		**1,465.3750**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0643	0.0442	0.6042	1.7100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		170.8155	170.8155	5.0300e-003		170.9413
Total	**0.1916**	**4.1394**	**1.5644**	**0.0136**	**0.4346**	**0.0139**	**0.4485**	**0.1176**	**0.0133**	**0.1309**		**1,463.0568**	**1,463.0568**	**0.0927**		**1,465.3750**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	**0.0772**	**0.0530**	**0.7250**	**2.0600e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**204.9786**	**204.9786**	**6.0400e-003**		**205.1296**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0857**	**0.0589**	**0.8056**	**2.2900e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**227.7540**	**227.7540**	**6.7100e-003**		**227.9217**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0857	0.0589	0.8056	2.2900e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		227.7540	227.7540	6.7100e-003		227.9217
Total	**0.0857**	**0.0589**	**0.8056**	**2.2900e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**227.7540**	**227.7540**	**6.7100e-003**		**227.9217**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0803**	**0.0532**	**0.7432**	**2.2100e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**219.7425**	**219.7425**	**6.0600e-003**		**219.8941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0803	0.0532	0.7432	2.2100e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		219.7425	219.7425	6.0600e-003		219.8941
Total	**0.0803**	**0.0532**	**0.7432**	**2.2100e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**219.7425**	**219.7425**	**6.0600e-003**		**219.8941**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	3.2162	2.1318	29.7654	0.0883	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,800.6857	8,800.6857	0.2429		8,806.7582
Total	**3.6242**	**15.3350**	**33.1995**	**0.1247**	**9.8688**	**0.0949**	**9.9637**	**2.6381**	**0.0883**	**2.7263**		**12,697.2339**	**12,697.2339**	**0.4665**		**12,708.8966**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	3.2162	2.1318	29.7654	0.0883	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,800.6857	8,800.6857	0.2429		8,806.7582
Total	**3.6242**	**15.3350**	**33.1995**	**0.1247**	**9.8688**	**0.0949**	**9.9637**	**2.6381**	**0.0883**	**2.7263**		**12,697.2339**	**12,697.2339**	**0.4665**		**12,708.8966**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	3.0203	1.9287	27.4113	0.0851	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		8,478.4408	8,478.4408	0.2190		8,483.9160
Total	**3.3229**	**11.9468**	**30.5127**	**0.1203**	**9.8688**	**0.0797**	**9.9485**	**2.6381**	**0.0738**	**2.7118**		**12,252.3170**	**12,252.3170**	**0.4172**		**12,262.7460**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	3.0203	1.9287	27.4113	0.0851	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		8,478.4408	8,478.4408	0.2190		8,483.9160
Total	**3.3229**	**11.9468**	**30.5127**	**0.1203**	**9.8688**	**0.0797**	**9.9485**	**2.6381**	**0.0738**	**2.7118**		**12,252.3170**	**12,252.3170**	**0.4172**		**12,262.7460**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0566	0.0361	0.5133	1.5900e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		158.7723	158.7723	4.1000e-003		158.8748
Total	**0.0566**	**0.0361**	**0.5133**	**1.5900e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**158.7723**	**158.7723**	**4.1000e-003**		**158.8748**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0535	0.0329	0.4785	1.5400e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		153.8517	153.8517	3.7600e-003		153.9458
Total	**0.0535**	**0.0329**	**0.4785**	**1.5400e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**153.8517**	**153.8517**	**3.7600e-003**		**153.9458**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0535	0.0329	0.4785	1.5400e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		153.8517	153.8517	3.7600e-003		153.9458
Total	**0.0535**	**0.0329**	**0.4785**	**1.5400e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**153.8517**	**153.8517**	**3.7600e-003**		**153.9458**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5707	0.3513	5.1044	0.0165	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,641.0852	1,641.0852	0.0401		1,642.0886
Total	**0.5707**	**0.3513**	**5.1044**	**0.0165**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,641.0852**	**1,641.0852**	**0.0401**		**1,642.0886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.5707	0.3513	5.1044	0.0165	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,641.0852	1,641.0852	0.0401		1,642.0886
Total	**0.5707**	**0.3513**	**5.1044**	**0.0165**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,641.0852**	**1,641.0852**	**0.0401**		**1,642.0886**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Unmitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82
tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27

tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2865	46.4651	31.6150	0.0642	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,221.4937	6,221.4937	1.9491	0.0000	6,270.2214
2022	5.7218	38.9024	47.3319	0.1455	9.8688	1.6366	10.7736	3.6558	1.5057	5.1615	0.0000	14,630.3099	14,630.3099	1.9499	0.0000	14,657.2663
2023	5.2705	26.4914	44.5936	0.1413	9.8688	0.7800	10.6488	2.6381	0.7328	3.3708	0.0000	14,210.3424	14,210.3424	1.0230	0.0000	14,235.9160
2024	237.2328	9.5610	15.0611	0.0243	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,352.4178	2,352.4178	0.7175	0.0000	2,370.3550
Maximum	**237.2328**	**46.4651**	**47.3319**	**0.1455**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**14,630.3099**	**14,630.3099**	**1.9499**	**0.0000**	**14,657.2663**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2865	46.4651	31.6150	0.0642	18.2675	2.0461	20.3135	9.9840	1.8824	11.8664	0.0000	6,221.4937	6,221.4937	1.9491	0.0000	6,270.2214
2022	5.7218	38.9024	47.3319	0.1455	9.8688	1.6366	10.7736	3.6558	1.5057	5.1615	0.0000	14,630.3099	14,630.3099	1.9499	0.0000	14,657.2663
2023	5.2705	26.4914	44.5936	0.1413	9.8688	0.7800	10.6488	2.6381	0.7328	3.3708	0.0000	14,210.3424	14,210.3424	1.0230	0.0000	14,235.9160
2024	237.2328	9.5610	15.0611	0.0243	1.7884	0.4698	1.8628	0.4743	0.4322	0.5476	0.0000	2,352.4178	2,352.4178	0.7175	0.0000	2,370.3550
Maximum	**237.2328**	**46.4651**	**47.3319**	**0.1455**	**18.2675**	**2.0461**	**20.3135**	**9.9840**	**1.8824**	**11.8664**	**0.0000**	**14,630.3099**	**14,630.3099**	**1.9499**	**0.0000**	**14,657.2663**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	**0.2019**	**4.1943**	**1.5706**	**0.0133**	**0.4346**	**0.0141**	**0.4487**	**0.1176**	**0.0135**	**0.1311**		**1,430.6932**	**1,430.6932**	**0.0955**		**1,433.0812**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0715	0.0489	0.5524	1.6100e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2500e-003	0.0457		160.8377	160.8377	4.7300e-003		160.9560
Total	**0.2019**	**4.1943**	**1.5706**	**0.0133**	**0.4346**	**0.0141**	**0.4487**	**0.1176**	**0.0135**	**0.1311**		**1,430.6932**	**1,430.6932**	**0.0955**		**1,433.0812**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	**0.0858**	**0.0587**	**0.6629**	**1.9400e-003**	**0.2012**	**1.6300e-003**	**0.2028**	**0.0534**	**1.5000e-003**	**0.0549**		**193.0052**	**193.0052**	**5.6800e-003**		**193.1472**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.0954**	**0.0652**	**0.7365**	**2.1500e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**214.4502**	**214.4502**	**6.3100e-003**		**214.6080**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0954	0.0652	0.7365	2.1500e-003	0.2236	1.8100e-003	0.2254	0.0593	1.6600e-003	0.0610		214.4502	214.4502	6.3100e-003		214.6080
Total	**0.0954**	**0.0652**	**0.7365**	**2.1500e-003**	**0.2236**	**1.8100e-003**	**0.2254**	**0.0593**	**1.6600e-003**	**0.0610**		**214.4502**	**214.4502**	**6.3100e-003**		**214.6080**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.0896**	**0.0589**	**0.6784**	**2.0800e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**206.9139**	**206.9139**	**5.7000e-003**		**207.0563**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0896	0.0589	0.6784	2.0800e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		206.9139	206.9139	5.7000e-003		207.0563
Total	**0.0896**	**0.0589**	**0.6784**	**2.0800e-003**	**0.2236**	**1.7500e-003**	**0.2253**	**0.0593**	**1.6100e-003**	**0.0609**		**206.9139**	**206.9139**	**5.7000e-003**		**207.0563**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	3.5872	2.3593	27.1680	0.0832	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,286.9013	8,286.9013	0.2282		8,292.6058
Total	**4.0156**	**15.5266**	**30.9685**	**0.1186**	**9.8688**	**0.0957**	**9.9645**	**2.6381**	**0.0891**	**2.7271**		**12,075.9763**	**12,075.9763**	**0.4663**		**12,087.6341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	3.5872	2.3593	27.1680	0.0832	8.9533	0.0701	9.0234	2.3745	0.0646	2.4390		8,286.9013	8,286.9013	0.2282		8,292.6058
Total	**4.0156**	**15.5266**	**30.9685**	**0.1186**	**9.8688**	**0.0957**	**9.9645**	**2.6381**	**0.0891**	**2.7271**		**12,075.9763**	**12,075.9763**	**0.4663**		**12,087.6341**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	3.3795	2.1338	24.9725	0.0801	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		7,983.7318	7,983.7318	0.2055		7,988.8683
Total	**3.6978**	**12.1065**	**28.3496**	**0.1144**	**9.8688**	**0.0803**	**9.9491**	**2.6381**	**0.0743**	**2.7124**		**11,655.1325**	**11,655.1325**	**0.4151**		**11,665.5099**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	3.3795	2.1338	24.9725	0.0801	8.9533	0.0681	9.0214	2.3745	0.0627	2.4372		7,983.7318	7,983.7318	0.2055		7,988.8683
Total	**3.6978**	**12.1065**	**28.3496**	**0.1144**	**9.8688**	**0.0803**	**9.9491**	**2.6381**	**0.0743**	**2.7124**		**11,655.1325**	**11,655.1325**	**0.4151**		**11,665.5099**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0400	0.4677	1.5000e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1700e-003	0.0456		149.5081	149.5081	3.8500e-003		149.6043
Total	**0.0633**	**0.0400**	**0.4677**	**1.5000e-003**	**0.1677**	**1.2800e-003**	**0.1689**	**0.0445**	**1.1700e-003**	**0.0456**		**149.5081**	**149.5081**	**3.8500e-003**		**149.6043**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0364	0.4354	1.4500e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		144.8706	144.8706	3.5300e-003		144.9587
Total	**0.0601**	**0.0364**	**0.4354**	**1.4500e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**144.8706**	**144.8706**	**3.5300e-003**		**144.9587**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0364	0.4354	1.4500e-003	0.1677	1.2600e-003	0.1689	0.0445	1.1600e-003	0.0456		144.8706	144.8706	3.5300e-003		144.9587
Total	**0.0601**	**0.0364**	**0.4354**	**1.4500e-003**	**0.1677**	**1.2600e-003**	**0.1689**	**0.0445**	**1.1600e-003**	**0.0456**		**144.8706**	**144.8706**	**3.5300e-003**		**144.9587**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6406	0.3886	4.6439	0.0155	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,545.2860	1,545.2860	0.0376		1,546.2262
Total	**0.6406**	**0.3886**	**4.6439**	**0.0155**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,545.2860**	**1,545.2860**	**0.0376**		**1,546.2262**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6406	0.3886	4.6439	0.0155	1.7884	0.0134	1.8018	0.4743	0.0123	0.4866		1,545.2860	1,545.2860	0.0376		1,546.2262
Total	**0.6406**	**0.3886**	**4.6439**	**0.0155**	**1.7884**	**0.0134**	**1.8018**	**0.4743**	**0.0123**	**0.4866**		**1,545.2860**	**1,545.2860**	**0.0376**		**1,546.2262**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Unmitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1704	1.8234	1.1577	2.3800e-003	0.4141	0.0817	0.4958	0.1788	0.0754	0.2542	0.0000	210.7654	210.7654	0.0600	0.0000	212.2661
2022	0.5865	4.0240	5.1546	0.0155	0.9509	0.1175	1.0683	0.2518	0.1103	0.3621	0.0000	1,418.6554	1,418.6554	0.1215	0.0000	1,421.6925
2023	0.5190	3.2850	4.7678	0.0147	0.8497	0.0971	0.9468	0.2283	0.0912	0.3195	0.0000	1,342.4412	1,342.4412	0.1115	0.0000	1,345.2291
2024	4.1592	0.1313	0.2557	5.0000e-004	0.0221	6.3900e-003	0.0285	5.8700e-003	5.9700e-003	0.0118	0.0000	44.6355	44.6355	7.8300e-003	0.0000	44.8311
Maximum	**4.1592**	**4.0240**	**5.1546**	**0.0155**	**0.9509**	**0.1175**	**1.0683**	**0.2518**	**0.1103**	**0.3621**	**0.0000**	**1,418.6554**	**1,418.6554**	**0.1215**	**0.0000**	**1,421.6925**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1704	1.8234	1.1577	2.3800e-003	0.4141	0.0817	0.4958	0.1788	0.0754	0.2542	0.0000	210.7651	210.7651	0.0600	0.0000	212.2658
2022	0.5865	4.0240	5.1546	0.0155	0.9509	0.1175	1.0683	0.2518	0.1103	0.3621	0.0000	1,418.6550	1,418.6550	0.1215	0.0000	1,421.6921
2023	0.5190	3.2850	4.7678	0.0147	0.8497	0.0971	0.9468	0.2283	0.0912	0.3195	0.0000	1,342.4409	1,342.4409	0.1115	0.0000	1,345.2287
2024	4.1592	0.1313	0.2557	5.0000e-004	0.0221	6.3900e-003	0.0285	5.8700e-003	5.9700e-003	0.0118	0.0000	44.6354	44.6354	7.8300e-003	0.0000	44.8311
Maximum	**4.1592**	**4.0240**	**5.1546**	**0.0155**	**0.9509**	**0.1175**	**1.0683**	**0.2518**	**0.1103**	**0.3621**	**0.0000**	**1,418.6550**	**1,418.6550**	**0.1215**	**0.0000**	**1,421.6921**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-1-2021**	**11-30-2021**	1.4091	1.4091
2	**12-1-2021**	**2-28-2022**	1.3329	1.3329
3	**3-1-2022**	**5-31-2022**	1.1499	1.1499
4	**6-1-2022**	**8-31-2022**	1.1457	1.1457
5	**9-1-2022**	**11-30-2022**	1.1415	1.1415
6	**12-1-2022**	**2-28-2023**	1.0278	1.0278
7	**3-1-2023**	**5-31-2023**	0.9868	0.9868
8	**6-1-2023**	**8-31-2023**	0.9831	0.9831

9	**9-1-2023**	**11-30-2023**	0.9798	0.9798
10	**12-1-2023**	**2-29-2024**	2.8757	2.8757
11	**3-1-2024**	**5-31-2024**	1.6188	1.6188
		Highest	2.8757	2.8757

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Energy	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	3,896.0732	3,896.0732	0.1303	0.0468	3,913.2833
Mobile	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Waste						0.0000	0.0000		0.0000	0.0000	207.8079	0.0000	207.8079	12.2811	0.0000	514.8354
Water						0.0000	0.0000		0.0000	0.0000	29.1632	556.6420	585.8052	3.0183	0.0755	683.7567
Total	**6.8692**	**9.5223**	**30.3407**	**0.0914**	**7.7979**	**0.2260**	**8.0240**	**2.0895**	**0.2219**	**2.3114**	**236.9712**	**12,294.1807**	**12,531.1519**	**15.7904**	**0.1260**	**12,963.4751**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0012	51.0012	0.0144	0.0000	51.3601
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0012**	**51.0012**	**0.0144**	**0.0000**	**51.3601**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	5.3000e-004	6.0900e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.5281	1.5281	5.0000e-005	0.0000	1.5293
Total	**2.6500e-003**	**0.0639**	**0.0209**	**2.0000e-004**	**5.6200e-003**	**2.0000e-004**	**5.8200e-003**	**1.5300e-003**	**1.9000e-004**	**1.7200e-003**	**0.0000**	**18.9847**	**18.9847**	**1.2600e-003**	**0.0000**	**19.0161**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0496	0.0000	0.0496	7.5100e-003	0.0000	7.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0475	0.4716	0.3235	5.8000e-004		0.0233	0.0233		0.0216	0.0216	0.0000	51.0011	51.0011	0.0144	0.0000	51.3600
Total	**0.0475**	**0.4716**	**0.3235**	**5.8000e-004**	**0.0496**	**0.0233**	**0.0729**	**7.5100e-003**	**0.0216**	**0.0291**	**0.0000**	**51.0011**	**51.0011**	**0.0144**	**0.0000**	**51.3600**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.9300e-003	0.0634	0.0148	1.8000e-004	3.9400e-003	1.9000e-004	4.1300e-003	1.0800e-003	1.8000e-004	1.2600e-003	0.0000	17.4566	17.4566	1.2100e-003	0.0000	17.4869
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	5.3000e-004	6.0900e-003	2.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.5281	1.5281	5.0000e-005	0.0000	1.5293
Total	**2.6500e-003**	**0.0639**	**0.0209**	**2.0000e-004**	**5.6200e-003**	**2.0000e-004**	**5.8200e-003**	**1.5300e-003**	**1.9000e-004**	**1.7200e-003**	**0.0000**	**18.9847**	**18.9847**	**1.2600e-003**	**0.0000**	**19.0161**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7061
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7061**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	4.8700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2225	1.2225	4.0000e-005	0.0000	1.2234
Total	**5.8000e-004**	**4.3000e-004**	**4.8700e-003**	**1.0000e-005**	**1.3400e-003**	**1.0000e-005**	**1.3500e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**1.2225**	**1.2225**	**4.0000e-005**	**0.0000**	**1.2234**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.4050	0.2115	3.8000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	33.4357	33.4357	0.0108	0.0000	33.7060
Total	**0.0389**	**0.4050**	**0.2115**	**3.8000e-004**	**0.1807**	**0.0204**	**0.2011**	**0.0993**	**0.0188**	**0.1181**	**0.0000**	**33.4357**	**33.4357**	**0.0108**	**0.0000**	**33.7060**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	4.3000e-004	4.8700e-003	1.0000e-005	1.3400e-003	1.0000e-005	1.3500e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.2225	1.2225	4.0000e-005	0.0000	1.2234
Total	**5.8000e-004**	**4.3000e-004**	**4.8700e-003**	**1.0000e-005**	**1.3400e-003**	**1.0000e-005**	**1.3500e-003**	**3.6000e-004**	**1.0000e-005**	**3.7000e-004**	**0.0000**	**1.2225**	**1.2225**	**4.0000e-005**	**0.0000**	**1.2234**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5405	103.5405	0.0335	0.0000	104.3776
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5405**	**103.5405**	**0.0335**	**0.0000**	**104.3776**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2200e-003	9.0000e-004	0.0103	3.0000e-005	2.8300e-003	2.0000e-005	2.8600e-003	7.5000e-004	2.0000e-005	7.8000e-004	0.0000	2.5808	2.5808	8.0000e-005	0.0000	2.5828
Total	**1.2200e-003**	**9.0000e-004**	**0.0103**	**3.0000e-005**	**2.8300e-003**	**2.0000e-005**	**2.8600e-003**	**7.5000e-004**	**2.0000e-005**	**7.8000e-004**	**0.0000**	**2.5808**	**2.5808**	**8.0000e-005**	**0.0000**	**2.5828**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1741	0.0000	0.1741	0.0693	0.0000	0.0693	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0796	0.8816	0.5867	1.1800e-003		0.0377	0.0377		0.0347	0.0347	0.0000	103.5403	103.5403	0.0335	0.0000	104.3775
Total	**0.0796**	**0.8816**	**0.5867**	**1.1800e-003**	**0.1741**	**0.0377**	**0.2118**	**0.0693**	**0.0347**	**0.1040**	**0.0000**	**103.5403**	**103.5403**	**0.0335**	**0.0000**	**104.3775**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2200e-003	9.0000e-004	0.0103	3.0000e-005	2.8300e-003	2.0000e-005	2.8600e-003	7.5000e-004	2.0000e-005	7.8000e-004	0.0000	2.5808	2.5808	8.0000e-005	0.0000	2.5828
Total	**1.2200e-003**	**9.0000e-004**	**0.0103**	**3.0000e-005**	**2.8300e-003**	**2.0000e-005**	**2.8600e-003**	**7.5000e-004**	**2.0000e-005**	**7.8000e-004**	**0.0000**	**2.5808**	**2.5808**	**8.0000e-005**	**0.0000**	**2.5828**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.2000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4587	0.4587	1.0000e-005	0.0000	0.4590
Total	**2.1000e-004**	**1.5000e-004**	**1.7400e-003**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**5.3000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4587**	**0.4587**	**1.0000e-005**	**0.0000**	**0.4590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0807	0.0000	0.0807	0.0180	0.0000	0.0180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0127	0.1360	0.1017	2.2000e-004		5.7200e-003	5.7200e-003		5.2600e-003	5.2600e-003	0.0000	19.0871	19.0871	6.1700e-003	0.0000	19.2414
Total	**0.0127**	**0.1360**	**0.1017**	**2.2000e-004**	**0.0807**	**5.7200e-003**	**0.0865**	**0.0180**	**5.2600e-003**	**0.0233**	**0.0000**	**19.0871**	**19.0871**	**6.1700e-003**	**0.0000**	**19.2414**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.2000e-004	0.0000	5.3000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4587	0.4587	1.0000e-005	0.0000	0.4590
Total	**2.1000e-004**	**1.5000e-004**	**1.7400e-003**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**5.3000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.4587**	**0.4587**	**1.0000e-005**	**0.0000**	**0.4590**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1324	293.1324	0.0702	0.0000	294.8881
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1324**	**293.1324**	**0.0702**	**0.0000**	**294.8881**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.3051	0.2164	2.5233	7.3500e-003	0.7557	6.2300e-003	0.7619	0.2007	5.7400e-003	0.2065	0.0000	663.9936	663.9936	0.0187	0.0000	664.4604
Total	**0.3578**	**1.9125**	**2.9812**	**0.0119**	**0.8696**	**9.4100e-003**	**0.8790**	**0.2336**	**8.7800e-003**	**0.2424**	**0.0000**	**1,105.9771**	**1,105.9771**	**0.0451**	**0.0000**	**1,107.1039**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2158	1.9754	2.0700	3.4100e-003		0.1023	0.1023		0.0963	0.0963	0.0000	293.1321	293.1321	0.0702	0.0000	294.8877
Total	**0.2158**	**1.9754**	**2.0700**	**3.4100e-003**		**0.1023**	**0.1023**		**0.0963**	**0.0963**	**0.0000**	**293.1321**	**293.1321**	**0.0702**	**0.0000**	**294.8877**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0527	1.6961	0.4580	4.5500e-003	0.1140	3.1800e-003	0.1171	0.0329	3.0400e-003	0.0359	0.0000	441.9835	441.9835	0.0264	0.0000	442.6435
Worker	0.3051	0.2164	2.5233	7.3500e-003	0.7557	6.2300e-003	0.7619	0.2007	5.7400e-003	0.2065	0.0000	663.9936	663.9936	0.0187	0.0000	664.4604
Total	**0.3578**	**1.9125**	**2.9812**	**0.0119**	**0.8696**	**9.4100e-003**	**0.8790**	**0.2336**	**8.7800e-003**	**0.2424**	**0.0000**	**1,105.9771**	**1,105.9771**	**0.0451**	**0.0000**	**1,107.1039**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2789	286.2789	0.0681	0.0000	287.9814
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2789**	**286.2789**	**0.0681**	**0.0000**	**287.9814**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.2795	0.1910	2.2635	6.9100e-003	0.7377	5.9100e-003	0.7436	0.1960	5.4500e-003	0.2014	0.0000	624.5363	624.5363	0.0164	0.0000	624.9466
Total	**0.3177**	**1.4420**	**2.6646**	**0.0112**	**0.8490**	**7.3700e-003**	**0.8564**	**0.2281**	**6.8500e-003**	**0.2349**	**0.0000**	**1,042.5294**	**1,042.5294**	**0.0392**	**0.0000**	**1,043.5090**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1942	1.7765	2.0061	3.3300e-003		0.0864	0.0864		0.0813	0.0813	0.0000	286.2785	286.2785	0.0681	0.0000	287.9811
Total	**0.1942**	**1.7765**	**2.0061**	**3.3300e-003**		**0.0864**	**0.0864**		**0.0813**	**0.0813**	**0.0000**	**286.2785**	**286.2785**	**0.0681**	**0.0000**	**287.9811**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0382	1.2511	0.4011	4.3000e-003	0.1113	1.4600e-003	0.1127	0.0321	1.4000e-003	0.0335	0.0000	417.9930	417.9930	0.0228	0.0000	418.5624
Worker	0.2795	0.1910	2.2635	6.9100e-003	0.7377	5.9100e-003	0.7436	0.1960	5.4500e-003	0.2014	0.0000	624.5363	624.5363	0.0164	0.0000	624.9466
Total	**0.3177**	**1.4420**	**2.6646**	**0.0112**	**0.8490**	**7.3700e-003**	**0.8564**	**0.2281**	**6.8500e-003**	**0.2349**	**0.0000**	**1,042.5294**	**1,042.5294**	**0.0392**	**0.0000**	**1,043.5090**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.2300e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6156	0.6156	2.0000e-005	0.0000	0.6160
Total	**2.8000e-004**	**1.9000e-004**	**2.2300e-003**	**1.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**1.9000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**0.6156**	**0.6156**	**2.0000e-005**	**0.0000**	**0.6160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7100e-003	0.0663	0.0948	1.5000e-004		3.3200e-003	3.3200e-003		3.0500e-003	3.0500e-003	0.0000	13.0175	13.0175	4.2100e-003	0.0000	13.1227
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.7100e-003**	**0.0663**	**0.0948**	**1.5000e-004**		**3.3200e-003**	**3.3200e-003**		**3.0500e-003**	**3.0500e-003**	**0.0000**	**13.0175**	**13.0175**	**4.2100e-003**	**0.0000**	**13.1227**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.9000e-004	2.2300e-003	1.0000e-005	7.3000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6156	0.6156	2.0000e-005	0.0000	0.6160
Total	**2.8000e-004**	**1.9000e-004**	**2.2300e-003**	**1.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**1.9000e-004**	**1.0000e-005**	**2.0000e-004**	**0.0000**	**0.6156**	**0.6156**	**2.0000e-005**	**0.0000**	**0.6160**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	3.5100e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0094	1.0094	3.0000e-005	0.0000	1.0100
Total	**4.4000e-004**	**2.9000e-004**	**3.5100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**1.0094**	**1.0094**	**3.0000e-005**	**0.0000**	**1.0100**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	3.5100e-003	1.0000e-005	1.2300e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0094	1.0094	3.0000e-005	0.0000	1.0100
Total	**4.4000e-004**	**2.9000e-004**	**3.5100e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.4000e-004**	**0.0000**	**1.0094**	**1.0094**	**3.0000e-005**	**0.0000**	**1.0100**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4800e-003	4.9300e-003	0.0596	1.9000e-004	0.0209	1.6000e-004	0.0211	5.5500e-003	1.5000e-004	5.7000e-003	0.0000	17.1287	17.1287	4.3000e-004	0.0000	17.1394
Total	**7.4800e-003**	**4.9300e-003**	**0.0596**	**1.9000e-004**	**0.0209**	**1.6000e-004**	**0.0211**	**5.5500e-003**	**1.5000e-004**	**5.7000e-003**	**0.0000**	**17.1287**	**17.1287**	**4.3000e-004**	**0.0000**	**17.1394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1600e-003	0.0213	0.0317	5.0000e-005		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	4.4682	4.4682	2.5000e-004	0.0000	4.4745
Total	**4.1404**	**0.0213**	**0.0317**	**5.0000e-005**		**1.0700e-003**	**1.0700e-003**		**1.0700e-003**	**1.0700e-003**	**0.0000**	**4.4682**	**4.4682**	**2.5000e-004**	**0.0000**	**4.4745**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4800e-003	4.9300e-003	0.0596	1.9000e-004	0.0209	1.6000e-004	0.0211	5.5500e-003	1.5000e-004	5.7000e-003	0.0000	17.1287	17.1287	4.3000e-004	0.0000	17.1394
Total	**7.4800e-003**	**4.9300e-003**	**0.0596**	**1.9000e-004**	**0.0209**	**1.6000e-004**	**0.0211**	**5.5500e-003**	**1.5000e-004**	**5.7000e-003**	**0.0000**	**17.1287**	**17.1287**	**4.3000e-004**	**0.0000**	**17.1394**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162
Unmitigated	1.5857	7.9962	19.1834	0.0821	7.7979	0.0580	7.8559	2.0895	0.0539	2.1434	0.0000	7,620.4986	7,620.4986	0.3407	0.0000	7,629.0162

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,512.6465	2,512.6465	0.1037	0.0215	2,521.6356
NaturalGas Mitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478
NaturalGas Unmitigated	0.1398	1.2312	0.7770	7.6200e-003		0.0966	0.0966		0.0966	0.0966	0.0000	1,383.4267	1,383.4267	0.0265	0.0254	1,391.6478

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	408494	2.2000e-003	0.0188	8.0100e-003	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7988	21.7988	4.2000e-004	4.0000e-004	21.9284
Apartments Mid Rise	1.30613e+007	0.0704	0.6018	0.2561	3.8400e-003		0.0487	0.0487		0.0487	0.0487	0.0000	696.9989	696.9989	0.0134	0.0128	701.1408
General Office Building	468450	2.5300e-003	0.0230	0.0193	1.4000e-004		1.7500e-003	1.7500e-003		1.7500e-003	1.7500e-003	0.0000	24.9983	24.9983	4.8000e-004	4.6000e-004	25.1468
High Turnover (Sit Down Restaurant)	8.30736e+006	0.0448	0.4072	0.3421	2.4400e-003		0.0310	0.0310		0.0310	0.0310	0.0000	443.3124	443.3124	8.5000e-003	8.1300e-003	445.9468
Hotel	1.74095e+006	9.3900e-003	0.0853	0.0717	5.1000e-004		6.4900e-003	6.4900e-003		6.4900e-003	6.4900e-003	0.0000	92.9036	92.9036	1.7800e-003	1.7000e-003	93.4557
Quality Restaurant	1.84608e+006	9.9500e-003	0.0905	0.0760	5.4000e-004		6.8800e-003	6.8800e-003		6.8800e-003	6.8800e-003	0.0000	98.5139	98.5139	1.8900e-003	1.8100e-003	99.0993
Regional Shopping Center	91840	5.0000e-004	4.5000e-003	3.7800e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.9009	4.9009	9.0000e-005	9.0000e-005	4.9301
Total		**0.1398**	**1.2312**	**0.7770**	**7.6200e-003**		**0.0966**	**0.0966**		**0.0966**	**0.0966**	**0.0000**	**1,383.4268**	**1,383.4268**	**0.0265**	**0.0254**	**1,391.6478**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	106010	33.7770	1.3900e-003	2.9000e-004	33.8978
Apartments Mid Rise	3.94697e+006	1,257.5879	0.0519	0.0107	1,262.0869
General Office Building	584550	186.2502	7.6900e-003	1.5900e-003	186.9165
High Turnover (Sit Down Restaurant)	1.58904e+006	506.3022	0.0209	4.3200e-003	508.1135
Hotel	550308	175.3399	7.2400e-003	1.5000e-003	175.9672
Quality Restaurant	353120	112.5116	4.6500e-003	9.6000e-004	112.9141
Regional Shopping Center	756000	240.8778	9.9400e-003	2.0600e-003	241.7395
Total		**2,512.6465**	**0.1037**	**0.0215**	**2,521.6356**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835
Unmitigated	5.1437	0.2950	10.3804	1.6700e-003		0.0714	0.0714		0.0714	0.0714	0.0000	220.9670	220.9670	0.0201	3.7400e-003	222.5835

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4137					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.3998					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0206	0.1763	0.0750	1.1200e-003		0.0143	0.0143		0.0143	0.0143	0.0000	204.1166	204.1166	3.9100e-003	3.7400e-003	205.3295
Landscaping	0.3096	0.1187	10.3054	5.4000e-004		0.0572	0.0572		0.0572	0.0572	0.0000	16.8504	16.8504	0.0161	0.0000	17.2540
Total	**5.1437**	**0.2950**	**10.3804**	**1.6600e-003**		**0.0714**	**0.0714**		**0.0714**	**0.0714**	**0.0000**	**220.9670**	**220.9670**	**0.0201**	**3.7400e-003**	**222.5835**

7.0 Water Detail

7.1 Mitigation Measures Water

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	585.8052	3.0183	0.0755	683.7567
Unmitigated	585.8052	3.0183	0.0755	683.7567

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.62885 / 1.02688	10.9095	0.0535	1.3400e-003	12.6471
Apartments Mid Rise	63.5252 / 40.0485	425.4719	2.0867	0.0523	493.2363
General Office Building	7.99802 / 4.90201	53.0719	0.2627	6.5900e-003	61.6019
High Turnover (Sit Down Restaurant)	10.9272 / 0.697482	51.2702	0.3580	8.8200e-003	62.8482
Hotel	1.26834 / 0.140927	6.1633	0.0416	1.0300e-003	7.5079
Quality Restaurant	2.42827 / 0.154996	11.3934	0.0796	1.9600e-003	13.9663
Regional Shopping Center	4.14806 / 2.54236	27.5250	0.1363	3.4200e-003	31.9490
Total		**585.8052**	**3.0183**	**0.0755**	**683.7567**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	207.8079	12.2811	0.0000	514.8354
Unmitigated	207.8079	12.2811	0.0000	514.8354

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	11.5	2.3344	0.1380	0.0000	5.7834
Apartments Mid Rise	448.5	91.0415	5.3804	0.0000	225.5513
General Office Building	41.85	8.4952	0.5021	0.0000	21.0464
High Turnover (Sit Down Restaurant)	428.4	86.9613	5.1393	0.0000	215.4430
Hotel	27.38	5.5579	0.3285	0.0000	13.7694
Quality Restaurant	7.3	1.4818	0.0876	0.0000	3.6712
Regional Shopping Center	58.8	11.9359	0.7054	0.0000	29.5706
Total		**207.8079**	**12.2811**	**0.0000**	**514.8354**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2561	46.4415	31.4494	0.0636	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,163.4166	6,163.4166	1.9475	0.0000	6,212.1039
2022	4.5441	38.8811	40.8776	0.1240	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,493.4403	12,493.4403	1.9485	0.0000	12,518.5707
2023	4.1534	25.7658	38.7457	0.1206	7.0088	0.7592	7.7679	1.8799	0.7136	2.5935	0.0000	12,150.4890	12,150.4890	0.9589	0.0000	12,174.4615
2024	237.0219	9.5478	14.9642	0.0239	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,313.1808	2,313.1808	0.7166	0.0000	2,331.0956
Maximum	**237.0219**	**46.4415**	**40.8776**	**0.1240**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,493.4403**	**12,493.4403**	**1.9485**	**0.0000**	**12,518.5707**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2561	46.4415	31.4494	0.0636	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,163.4166	6,163.4166	1.9475	0.0000	6,212.1039
2022	4.5441	38.8811	40.8776	0.1240	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,493.4403	12,493.4403	1.9485	0.0000	12,518.5707
2023	4.1534	25.7658	38.7457	0.1206	7.0088	0.7592	7.7679	1.8799	0.7136	2.5935	0.0000	12,150.4890	12,150.4890	0.9589	0.0000	12,174.4615
2024	237.0219	9.5478	14.9642	0.0239	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,313.1808	2,313.1808	0.7166	0.0000	2,331.0955
Maximum	**237.0219**	**46.4415**	**40.8776**	**0.1240**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,493.4403**	**12,493.4403**	**1.9485**	**0.0000**	**12,518.5707**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Total	**41.1168**	**67.2262**	**207.5497**	**0.6278**	**45.9592**	**2.4626**	**48.4217**	**12.2950**	**2.4385**	**14.7336**	**0.0000**	**76,811.1816**	**76,811.1816**	**2.8282**	**0.4832**	**77,025.8786**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0313	0.4282	1.1800e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		117.2799	117.2799	3.5200e-003		117.3678
Total	**0.1760**	**4.1265**	**1.3884**	**0.0131**	**0.3810**	**0.0135**	**0.3946**	**0.1034**	**0.0129**	**0.1163**		**1,409.5212**	**1,409.5212**	**0.0912**		**1,411.8015**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1273	4.0952	0.9602	0.0119	0.2669	0.0126	0.2795	0.0732	0.0120	0.0852		1,292.2413	1,292.2413	0.0877		1,294.4337
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0313	0.4282	1.1800e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		117.2799	117.2799	3.5200e-003		117.3678
Total	**0.1760**	**4.1265**	**1.3884**	**0.0131**	**0.3810**	**0.0135**	**0.3946**	**0.1034**	**0.0129**	**0.1163**		**1,409.5212**	**1,409.5212**	**0.0912**		**1,411.8015**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0375	0.5139	1.4100e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		140.7359	140.7359	4.2200e-003		140.8414
Total	**0.0584**	**0.0375**	**0.5139**	**1.4100e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**140.7359**	**140.7359**	**4.2200e-003**		**140.8414**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0584	0.0375	0.5139	1.4100e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		140.7359	140.7359	4.2200e-003		140.8414
Total	**0.0584**	**0.0375**	**0.5139**	**1.4100e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**140.7359**	**140.7359**	**4.2200e-003**		**140.8414**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0417	0.5710	1.5700e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		156.3732	156.3732	4.6900e-003		156.4904
Total	**0.0649**	**0.0417**	**0.5710**	**1.5700e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**156.3732**	**156.3732**	**4.6900e-003**		**156.4904**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0649	0.0417	0.5710	1.5700e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		156.3732	156.3732	4.6900e-003		156.4904
Total	**0.0649**	**0.0417**	**0.5710**	**1.5700e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**156.3732**	**156.3732**	**4.6900e-003**		**156.4904**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0376	0.5263	1.5100e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		150.8754	150.8754	4.2400e-003		150.9813
Total	**0.0607**	**0.0376**	**0.5263**	**1.5100e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**150.8754**	**150.8754**	**4.2400e-003**		**150.9813**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0607	0.0376	0.5263	1.5100e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		150.8754	150.8754	4.2400e-003		150.9813
Total	**0.0607**	**0.0376**	**0.5263**	**1.5100e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**150.8754**	**150.8754**	**4.2400e-003**		**150.9813**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	2.4299	1.5074	21.0801	0.0607	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		6,042.5585	6,042.5585	0.1697		6,046.8000
Total	**2.8378**	**14.7106**	**24.5142**	**0.0971**	**7.0087**	**0.0741**	**7.0828**	**1.8799**	**0.0691**	**1.9490**		**9,939.1067**	**9,939.1067**	**0.3933**		**9,948.9384**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4079	13.2032	3.4341	0.0364	0.9155	0.0248	0.9404	0.2636	0.0237	0.2873		3,896.5482	3,896.5482	0.2236		3,902.1384
Worker	2.4299	1.5074	21.0801	0.0607	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		6,042.5585	6,042.5585	0.1697		6,046.8000
Total	**2.8378**	**14.7106**	**24.5142**	**0.0971**	**7.0087**	**0.0741**	**7.0828**	**1.8799**	**0.0691**	**1.9490**		**9,939.1067**	**9,939.1067**	**0.3933**		**9,948.9384**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	2.2780	1.3628	19.4002	0.0584	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,821.4028	5,821.4028	0.1529		5,825.2254
Total	**2.5807**	**11.3809**	**22.5017**	**0.0936**	**7.0088**	**0.0595**	**7.0682**	**1.8799**	**0.0552**	**1.9350**		**9,595.2790**	**9,595.2790**	**0.3511**		**9,604.0554**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3027	10.0181	3.1014	0.0352	0.9156	0.0116	0.9271	0.2636	0.0111	0.2747		3,773.8762	3,773.8762	0.1982		3,778.8300
Worker	2.2780	1.3628	19.4002	0.0584	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,821.4028	5,821.4028	0.1529		5,825.2254
Total	**2.5807**	**11.3809**	**22.5017**	**0.0936**	**7.0088**	**0.0595**	**7.0682**	**1.8799**	**0.0552**	**1.9350**		**9,595.2790**	**9,595.2790**	**0.3511**		**9,604.0554**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0255	0.3633	1.0900e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		109.0150	109.0150	2.8600e-003		109.0866
Total	**0.0427**	**0.0255**	**0.3633**	**1.0900e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**109.0150**	**109.0150**	**2.8600e-003**		**109.0866**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0255	0.3633	1.0900e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		109.0150	109.0150	2.8600e-003		109.0866
Total	**0.0427**	**0.0255**	**0.3633**	**1.0900e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**109.0150**	**109.0150**	**2.8600e-003**		**109.0866**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0403	0.0233	0.3384	1.0600e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		105.6336	105.6336	2.6300e-003		105.6992
Total	**0.0403**	**0.0233**	**0.3384**	**1.0600e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**105.6336**	**105.6336**	**2.6300e-003**		**105.6992**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0403	0.0233	0.3384	1.0600e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		105.6336	105.6336	2.6300e-003		105.6992
Total	**0.0403**	**0.0233**	**0.3384**	**1.0600e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**105.6336**	**105.6336**	**2.6300e-003**		**105.6992**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4296	0.2481	3.6098	0.0113	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,126.7583	1,126.7583	0.0280		1,127.4583
Total	**0.4296**	**0.2481**	**3.6098**	**0.0113**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,126.7583**	**1,126.7583**	**0.0280**		**1,127.4583**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4296	0.2481	3.6098	0.0113	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,126.7583	1,126.7583	0.0280		1,127.4583
Total	**0.4296**	**0.2481**	**3.6098**	**0.0113**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,126.7583**	**1,126.7583**	**0.0280**		**1,127.4583**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208
Unmitigated	9.8489	45.4304	114.8495	0.4917	45.9592	0.3360	46.2951	12.2950	0.3119	12.6070		50,306.6034	50,306.6034	2.1807		50,361.1208

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Village South Specific Plan (Proposed)

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	45.00	1000sqft	1.03	45,000.00	0
High Turnover (Sit Down Restaurant)	36.00	1000sqft	0.83	36,000.00	0
Hotel	50.00	Room	1.67	72,600.00	0
Quality Restaurant	8.00	1000sqft	0.18	8,000.00	0
Apartments Low Rise	25.00	Dwelling Unit	1.56	25,000.00	72
Apartments Mid Rise	975.00	Dwelling Unit	25.66	975,000.00	2789
Regional Shopping Center	56.00	1000sqft	1.29	56,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	9			**Operational Year**	2028
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Project Characteristics - Consistent with the DEIR's model.

Land Use - See SWAPE comment regarding residential and retail land uses.

Construction Phase - See SWAPE comment regarding individual construction phase lengths.

Demolition - Consistent with the DEIR's model. See SWAPE comment regarding demolition.

Vehicle Trips - Saturday trips consistent with the DEIR's model. See SWAPE comment regarding weekday and Sunday trips.

Woodstoves - Woodstoves and wood-burning fireplaces consistent with the DEIR's model. See SWAPE comment regarding gas fireplaces.

Energy Use -

Construction Off-road Equipment Mitigation - See SWAPE comment on construction-related mitigation.

Area Mitigation - See SWAPE comment regarding operational mitigation measures.

Water Mitigation - See SWAPE comment regarding operational mitigation measures.

Trips and VMT - Local hire provision

Table Name	Column Name	Default Value	New Value
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberWood	1.25	0.00
tblFireplaces	NumberWood	48.75	0.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblTripsAndVMT	WorkerTripLength	14.70	10.00
tblVehicleTrips	ST_TR	7.16	6.17
tblVehicleTrips	ST_TR	6.39	3.87
tblVehicleTrips	ST_TR	2.46	1.39
tblVehicleTrips	ST_TR	158.37	79.82

tblVehicleTrips	ST_TR	8.19	3.75
tblVehicleTrips	ST_TR	94.36	63.99
tblVehicleTrips	ST_TR	49.97	10.74
tblVehicleTrips	SU_TR	6.07	6.16
tblVehicleTrips	SU_TR	5.86	4.18
tblVehicleTrips	SU_TR	1.05	0.69
tblVehicleTrips	SU_TR	131.84	78.27
tblVehicleTrips	SU_TR	5.95	3.20
tblVehicleTrips	SU_TR	72.16	57.65
tblVehicleTrips	SU_TR	25.24	6.39
tblVehicleTrips	WD_TR	6.59	5.83
tblVehicleTrips	WD_TR	6.65	4.13
tblVehicleTrips	WD_TR	11.03	6.41
tblVehicleTrips	WD_TR	127.15	65.80
tblVehicleTrips	WD_TR	8.17	3.84
tblVehicleTrips	WD_TR	89.95	62.64
tblVehicleTrips	WD_TR	42.70	9.43
tblWoodstoves	NumberCatalytic	1.25	0.00
tblWoodstoves	NumberCatalytic	48.75	0.00
tblWoodstoves	NumberNoncatalytic	1.25	0.00
tblWoodstoves	NumberNoncatalytic	48.75	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2621	46.4460	31.4068	0.0635	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,154.3377	6,154.3377	1.9472	0.0000	6,203.0186
2022	4.7966	38.8851	39.6338	0.1195	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,035.3440	12,035.3440	1.9482	0.0000	12,060.6013
2023	4.3939	25.8648	37.5031	0.1162	7.0088	0.7598	7.7685	1.8799	0.7142	2.5940	0.0000	11,710.4080	11,710.4080	0.9617	0.0000	11,734.4497
2024	237.0656	9.5503	14.9372	0.0238	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,307.0517	2,307.0517	0.7164	0.0000	2,324.9627
Maximum	**237.0656**	**46.4460**	**39.6338**	**0.1195**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,035.3440**	**12,035.3440**	**1.9482**	**0.0000**	**12,060.6013**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.2621	46.4460	31.4068	0.0635	18.2032	2.0456	20.2488	9.9670	1.8820	11.8490	0.0000	6,154.3377	6,154.3377	1.9472	0.0000	6,203.0186
2022	4.7966	38.8851	39.6338	0.1195	8.8255	1.6361	10.4616	3.6369	1.5052	5.1421	0.0000	12,035.3440	12,035.3440	1.9482	0.0000	12,060.6013
2023	4.3939	25.8648	37.5031	0.1162	7.0088	0.7598	7.7685	1.8799	0.7142	2.5940	0.0000	11,710.4080	11,710.4080	0.9617	0.0000	11,734.4497
2024	237.0656	9.5503	14.9372	0.0238	1.2171	0.4694	1.2875	0.3229	0.4319	0.4621	0.0000	2,307.0517	2,307.0517	0.7164	0.0000	2,324.9627
Maximum	**237.0656**	**46.4460**	**39.6338**	**0.1195**	**18.2032**	**2.0456**	**20.2488**	**9.9670**	**1.8820**	**11.8490**	**0.0000**	**12,035.3440**	**12,035.3440**	**1.9482**	**0.0000**	**12,060.6013**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Energy	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
Mobile	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Total	**40.7912**	**67.7872**	**202.7424**	**0.6043**	**45.9592**	**2.4640**	**48.4231**	**12.2950**	**2.4399**	**14.7349**	**0.0000**	**74,422.3787**	**74,422.3787**	**2.8429**	**0.4832**	**74,637.4417**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2021	10/12/2021	5	30	
2	Site Preparation	Site Preparation	10/13/2021	11/9/2021	5	20	
3	Grading	Grading	11/10/2021	1/11/2022	5	45	
4	Building Construction	Building Construction	1/12/2022	12/12/2023	5	500	
5	Paving	Paving	12/13/2023	1/30/2024	5	35	
6	Architectural Coating	Architectural Coating	1/31/2024	3/19/2024	5	35	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 112.5

Acres of Paving: 0

Residential Indoor: 2,025,000; Residential Outdoor: 675,000; Non-Residential Indoor: 326,400; Non-Residential Outdoor: 108,800; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	458.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	801.00	143.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	160.00	0.00	0.00	10.00	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0346	0.3963	1.1100e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		110.4707	110.4707	3.3300e-003		110.5539
Total	**0.1835**	**4.1800**	**1.4144**	**0.0128**	**0.3810**	**0.0137**	**0.3948**	**0.1034**	**0.0131**	**0.1165**		**1,380.3262**	**1,380.3262**	**0.0941**		**1,382.6791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3074	0.0000	3.3074	0.5008	0.0000	0.5008			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**3.3074**	**1.5513**	**4.8588**	**0.5008**	**1.4411**	**1.9419**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1304	4.1454	1.0182	0.0117	0.2669	0.0128	0.2797	0.0732	0.0122	0.0854		1,269.8555	1,269.8555	0.0908		1,272.1252
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0532	0.0346	0.3963	1.1100e-003	0.1141	9.5000e-004	0.1151	0.0303	8.8000e-004	0.0311		110.4707	110.4707	3.3300e-003		110.5539
Total	**0.1835**	**4.1800**	**1.4144**	**0.0128**	**0.3810**	**0.0137**	**0.3948**	**0.1034**	**0.0131**	**0.1165**		**1,380.3262**	**1,380.3262**	**0.0941**		**1,382.6791**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0415	0.4755	1.3300e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		132.5649	132.5649	3.9900e-003		132.6646
Total	**0.0638**	**0.0415**	**0.4755**	**1.3300e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**132.5649**	**132.5649**	**3.9900e-003**		**132.6646**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0638	0.0415	0.4755	1.3300e-003	0.1369	1.1400e-003	0.1381	0.0363	1.0500e-003	0.0374		132.5649	132.5649	3.9900e-003		132.6646
Total	**0.0638**	**0.0415**	**0.4755**	**1.3300e-003**	**0.1369**	**1.1400e-003**	**0.1381**	**0.0363**	**1.0500e-003**	**0.0374**		**132.5649**	**132.5649**	**3.9900e-003**		**132.6646**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.0462	0.5284	1.4800e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		147.2943	147.2943	4.4300e-003		147.4051
Total	**0.0709**	**0.0462**	**0.5284**	**1.4800e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**147.2943**	**147.2943**	**4.4300e-003**		**147.4051**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0709	0.0462	0.5284	1.4800e-003	0.1521	1.2700e-003	0.1534	0.0404	1.1700e-003	0.0415		147.2943	147.2943	4.4300e-003		147.4051
Total	**0.0709**	**0.0462**	**0.5284**	**1.4800e-003**	**0.1521**	**1.2700e-003**	**0.1534**	**0.0404**	**1.1700e-003**	**0.0415**		**147.2943**	**147.2943**	**4.4300e-003**		**147.4051**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0416	0.4861	1.4300e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		142.1207	142.1207	4.0000e-003		142.2207
Total	**0.0665**	**0.0416**	**0.4861**	**1.4300e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**142.1207**	**142.1207**	**4.0000e-003**		**142.2207**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

3.4 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0665	0.0416	0.4861	1.4300e-003	0.1521	1.2300e-003	0.1534	0.0404	1.1300e-003	0.0415		142.1207	142.1207	4.0000e-003		142.2207
Total	**0.0665**	**0.0416**	**0.4861**	**1.4300e-003**	**0.1521**	**1.2300e-003**	**0.1534**	**0.0404**	**1.1300e-003**	**0.0415**		**142.1207**	**142.1207**	**4.0000e-003**		**142.2207**

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	2.6620	1.6677	19.4699	0.0571	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		5,691.9354	5,691.9354	0.1602		5,695.9408
Total	**3.0904**	**14.8350**	**23.2704**	**0.0926**	**7.0087**	**0.0749**	**7.0836**	**1.8799**	**0.0699**	**1.9498**		**9,481.0104**	**9,481.0104**	**0.3984**		**9,490.9691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.5 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4284	13.1673	3.8005	0.0354	0.9155	0.0256	0.9412	0.2636	0.0245	0.2881		3,789.0750	3,789.0750	0.2381		3,795.0283
Worker	2.6620	1.6677	19.4699	0.0571	6.0932	0.0493	6.1425	1.6163	0.0454	1.6617		5,691.9354	5,691.9354	0.1602		5,695.9408
Total	**3.0904**	**14.8350**	**23.2704**	**0.0926**	**7.0087**	**0.0749**	**7.0836**	**1.8799**	**0.0699**	**1.9498**		**9,481.0104**	**9,481.0104**	**0.3984**		**9,490.9691**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	2.5029	1.5073	17.8820	0.0550	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,483.7974	5,483.7974	0.1442		5,487.4020
Total	**2.8211**	**11.4799**	**21.2591**	**0.0893**	**7.0088**	**0.0601**	**7.0688**	**1.8799**	**0.0557**	**1.9356**		**9,155.1981**	**9,155.1981**	**0.3538**		**9,164.0437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3183	9.9726	3.3771	0.0343	0.9156	0.0122	0.9277	0.2636	0.0116	0.2752		3,671.4007	3,671.4007	0.2096		3,676.6417
Worker	2.5029	1.5073	17.8820	0.0550	6.0932	0.0479	6.1411	1.6163	0.0441	1.6604		5,483.7974	5,483.7974	0.1442		5,487.4020
Total	**2.8211**	**11.4799**	**21.2591**	**0.0893**	**7.0088**	**0.0601**	**7.0688**	**1.8799**	**0.0557**	**1.9356**		**9,155.1981**	**9,155.1981**	**0.3538**		**9,164.0437**

3.6 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0282	0.3349	1.0300e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		102.6928	102.6928	2.7000e-003		102.7603
Total	**0.0469**	**0.0282**	**0.3349**	**1.0300e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**102.6928**	**102.6928**	**2.7000e-003**		**102.7603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

3.6 Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0282	0.3349	1.0300e-003	0.1141	9.0000e-004	0.1150	0.0303	8.3000e-004	0.0311		102.6928	102.6928	2.7000e-003		102.7603
Total	**0.0469**	**0.0282**	**0.3349**	**1.0300e-003**	**0.1141**	**9.0000e-004**	**0.1150**	**0.0303**	**8.3000e-004**	**0.0311**		**102.6928**	**102.6928**	**2.7000e-003**		**102.7603**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0257	0.3114	1.0000e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		99.5045	99.5045	2.4700e-003		99.5663
Total	**0.0444**	**0.0257**	**0.3114**	**1.0000e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**99.5045**	**99.5045**	**2.4700e-003**		**99.5663**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0444	0.0257	0.3114	1.0000e-003	0.1141	8.8000e-004	0.1150	0.0303	8.1000e-004	0.0311		99.5045	99.5045	2.4700e-003		99.5663
Total	**0.0444**	**0.0257**	**0.3114**	**1.0000e-003**	**0.1141**	**8.8000e-004**	**0.1150**	**0.0303**	**8.1000e-004**	**0.0311**		**99.5045**	**99.5045**	**2.4700e-003**		**99.5663**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4734	0.2743	3.3220	0.0107	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,061.3818	1,061.3818	0.0264		1,062.0410
Total	**0.4734**	**0.2743**	**3.3220**	**0.0107**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,061.3818**	**1,061.3818**	**0.0264**		**1,062.0410**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	236.4115					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**236.5923**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.4734	0.2743	3.3220	0.0107	1.2171	9.4300e-003	1.2266	0.3229	8.6800e-003	0.3315		1,061.3818	1,061.3818	0.0264		1,062.0410
Total	**0.4734**	**0.2743**	**3.3220**	**0.0107**	**1.2171**	**9.4300e-003**	**1.2266**	**0.3229**	**8.6800e-003**	**0.3315**		**1,061.3818**	**1,061.3818**	**0.0264**		**1,062.0410**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839
Unmitigated	9.5233	45.9914	110.0422	0.4681	45.9592	0.3373	46.2965	12.2950	0.3132	12.6083		47,917.8005	47,917.8005	2.1953		47,972.6839

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	145.75	154.25	154.00	506,227	506,227
Apartments Mid Rise	4,026.75	3,773.25	4075.50	13,660,065	13,660,065
General Office Building	288.45	62.55	31.05	706,812	706,812
High Turnover (Sit Down Restaurant)	2,368.80	2,873.52	2817.72	3,413,937	3,413,937
Hotel	192.00	187.50	160.00	445,703	445,703
Quality Restaurant	501.12	511.92	461.20	707,488	707,488
Regional Shopping Center	528.08	601.44	357.84	1,112,221	1,112,221
Total	8,050.95	8,164.43	8,057.31	20,552,452	20,552,452

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Apartments Mid Rise	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
General Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
High Turnover (Sit Down Restaurant)	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hotel	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Quality Restaurant	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Regional Shopping Center	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Village South Specific Plan (Proposed) - Los Angeles-South Coast County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387
NaturalGas Unmitigated	0.7660	6.7462	4.2573	0.0418		0.5292	0.5292		0.5292	0.5292		8,355.9832	8,355.9832	0.1602	0.1532	8,405.6387

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1119.16	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35784.3	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1283.42	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22759.9	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4769.72	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5057.75	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	251.616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	1.11916	0.0121	0.1031	0.0439	6.6000e-004		8.3400e-003	8.3400e-003		8.3400e-003	8.3400e-003		131.6662	131.6662	2.5200e-003	2.4100e-003	132.4486
Apartments Mid Rise	35.7843	0.3859	3.2978	1.4033	0.0211		0.2666	0.2666		0.2666	0.2666		4,209.9164	4,209.9164	0.0807	0.0772	4,234.9339
General Office Building	1.28342	0.0138	0.1258	0.1057	7.5000e-004		9.5600e-003	9.5600e-003		9.5600e-003	9.5600e-003		150.9911	150.9911	2.8900e-003	2.7700e-003	151.8884
High Turnover (Sit Down Restaurant)	22.7599	0.2455	2.2314	1.8743	0.0134		0.1696	0.1696		0.1696	0.1696		2,677.6342	2,677.6342	0.0513	0.0491	2,693.5460
Hotel	4.76972	0.0514	0.4676	0.3928	2.8100e-003		0.0355	0.0355		0.0355	0.0355		561.1436	561.1436	0.0108	0.0103	564.4782
Quality Restaurant	5.05775	0.0545	0.4959	0.4165	2.9800e-003		0.0377	0.0377		0.0377	0.0377		595.0298	595.0298	0.0114	0.0109	598.5658
Regional Shopping Center	0.251616	2.7100e-003	0.0247	0.0207	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.6019	29.6019	5.7000e-004	5.4000e-004	29.7778
Total		**0.7660**	**6.7463**	**4.2573**	**0.0418**		**0.5292**	**0.5292**		**0.5292**	**0.5292**		**8,355.9832**	**8,355.9832**	**0.1602**	**0.1532**	**8,405.6387**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192
Unmitigated	30.5020	15.0496	88.4430	0.0944		1.5974	1.5974		1.5974	1.5974	0.0000	18,148.5950	18,148.5950	0.4874	0.3300	18,259.1192

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2670					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	24.1085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.6500	14.1000	6.0000	0.0900		1.1400	1.1400		1.1400	1.1400	0.0000	18,000.0000	18,000.0000	0.3450	0.3300	18,106.9650
Landscaping	2.4766	0.9496	82.4430	4.3600e-003		0.4574	0.4574		0.4574	0.4574		148.5950	148.5950	0.1424		152.1542
Total	**30.5020**	**15.0496**	**88.4430**	**0.0944**		**1.5974**	**1.5974**		**1.5974**	**1.5974**	**0.0000**	**18,148.5950**	**18,148.5950**	**0.4874**	**0.3300**	**18,259.1192**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Attachment C

Local Hire Provision Net Change	
Without Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,623
Amortized (MT CO2e/year)	120.77
With Local Hire Provision	
Total Construction GHG Emissions (MT CO2e)	3,024
Amortized (MT CO2e/year)	100.80
% Decrease in Construction-related GHG Emissions	***17%***

EXHIBIT B

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

SOIL WATER AIR PROTECTION ENTERPRISE
2656 29th Street, Suite 201
Santa Monica, California 90405
Attn: Paul Rosenfeld, Ph.D.
Mobil: (310) 795-2335
Office: (310) 452-5555
Fax: (310) 452-5550
Email: prosenfeld@swape.com

Paul Rosenfeld, Ph.D.

Chemical Fate and Transport & Air Dispersion Modeling

Principal Environmental Chemist

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 H_2O 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 Aermod and Empirical Data. *American Journal of Environmental Science*, 8(6), 622-632.

Rosenfeld, P.E. & Feng, L. (2011). *The Risks of Hazardous Waste.* Amsterdam: Elsevier Publishing.

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.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2010). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Wood and Paper Industries.* Amsterdam: Elsevier Publishing.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2009). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Petroleum Industry*. Amsterdam: Elsevier Publishing.

Wu, C., Tam, L., Clark, J., **Rosenfeld, P**. (2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. *WIT Transactions on Ecology and the Environment, Air Pollution,* 123 (17), 319-327.

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.

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., Grey, M. A., Sellew, P. (2004). Measurement of Biosolids Odor and Odorant Emissions from Windrows, Static Pile and Biofilter. *Water Environment Research*. 76(4), 310-315.

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.

Rosenfeld, P.E., and Henry C. L., (2000). Wood ash control of odor emissions from biosolids application. *Journal of Environmental Quality.* 29, 1662-1668.

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). Perfluoroctanoic Acid (PFOA) and Perfluoroactane 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 Florala, 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 Conferenc*e. 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 20010) 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 Agrosciences, 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 N0. 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

SWAPE Technical Consultation, Data Analysis and Litigation Support for the Environment

1640 5th St.., Suite 204 Santa
Santa Monica, California 90401
Tel: (949) 887-9013
Email: mhagemann@swape.com

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, Coloradao.

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 repesentatives, 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.

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] Agenda Item F2 Riverpark

1 message

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 1:32 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Randy Wetmur** <ranwetmr@att.net>
Date: Thu, Jan 13, 2022 at 1:29 PM
Subject: [Ask Planning Action] Agenda Item F2 Riverpark
To: <Planning@oxnard.org>

I'm emailing to let you know my "NO" stance on Agenda item F2-Riverpark Specific Plan Amendments&Development Agreement Amendment- PLANING AND ZONING PERMIT No. 20-630-01 and PZ No. 20-670-04. These Resolutions and Amendments are not beneficial to the skilled and trained workforce in the Local community that needs to keep protection in place for their skilled trade in their community and the unskilled, underpaid labor from outside the City and County out. Our local Union members live here, they pay taxes here, they spend money here. When you give a loophole for Outside contractors to come into the area to build you have revenue that leaves with the contractor back to their own communities.
Please consider the consequences of moving forward with the Amendments and VOTE NO!!!
Thank You

Randy Wetmur
Ironworkers local 416

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] Item F2: Support for more homes at Riverpark

1 message

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 1:32 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Max Ghenis** <mghenis@gmail.com>
Date: Thu, Jan 13, 2022 at 1:16 PM
Subject: [Ask Planning Action] Item F2: Support for more homes at Riverpark
To: <Planning@oxnard.org>

Dear Planning Commissioners,

Please approve the amendment to legalize apartments at Riverpark. Oxnard is in dire need of more homes to ease affordability, preserve the environment, and support population growth. Density at Riverpark is an ideal approach for more development, given proximity to services and the natural affordability of apartments compared to single family homes. As the pandemic has pushed retail online, we have less need for commercial space; the Collection and other nearby amenities are plenty for existing and new residents, making this an effective trade.

Thank you,
Max Ghenis
Oxnard resident
Ventura County YIMBY

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] Support for Riverpark apartments

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 1:40 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Mindy Greenberg** <mindyrian@gmail.com>
Date: Thu, Jan 13, 2022 at 1:40 PM
Subject: [Ask Planning Action] Support for Riverpark apartments
To: <Planning@oxnard.org>

Dear Planning Commissioners,

Please approve the amendment to legalize apartments at Riverpark. Oxnard is in dire need of more homes to ease affordability, preserve the environment, and support population growth. Density at Riverpark is an ideal approach for more development, given proximity to services and the natural affordability of apartments compared to single family homes. As the pandemic has pushed retail online, we have less need for commercial space; the Collection and other nearby amenities are plenty for existing and new residents, making this an effective trade.

Thank you,
Mindy Greenberg
Via Marina/Oxnard resident 93035

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] Planning commission meeting 1/13/22 - Item F-2

1 message

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 2:34 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Chris Tull** <ctull17@gmail.com>
Date: Thu, Jan 13, 2022 at 2:31 PM
Subject: [Ask Planning Action] Planning commission meeting 1/13/22 - Item F-2
To: <planning@oxnard.org>

Hello,

As a resident of the Riverpark neighborhood, I am writing to support additional residential development in this area. I would welcome more neighbors who can contribute to the vitality of this neighborhood while supporting our local businesses.

Thank you,
Chris

--
Christopher Tull
Oxnard, CA 93036

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] F2 Riverpark specific plan

1 message

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 11:10 AM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **Jay Turner** <xcavtor64@gmail.com>
Date: Thu, Jan 13, 2022 at 10:21 AM
Subject: [Ask Planning Action] F2 Riverpark specific plan
To: <planning@oxnard.org>

Dear Commissioners,

My name is Jay Turner and I am an Oxnard resident who lives less then a mile from Riverpark. This email shall serve as my disapproval for more condensed housing within Riverpark. I use the Ventura rd and Oxnard blvd exits from Highway 101, which have become glorified parking lots in the morning and afternoon because of people trying to access the Collection. If you try and drive on the side streets within Riverpark, you have narrow streets, no available parking (because of all the apartments) and the occasional car that has been side swiped, that has been left damaged. Not to mention all the traffic that occurs for drop off and pickup at the local schools.
Just because we have designated an area for housing, doesn't mean we need to cram in as many houses or apartments as we can because we have a state mandate to build more affordable housing.
In Ventura County, the citizens have always been in favor of SOAR, which means we enjoy our open spaces. We enjoy the smell of the ripe strawberry fields or the orange orchards and even the smell of the cilantro fields after it has been harvested. We should be investing in our parks and hiking trails, as well as sports fields for our children. Not more

concrete high rises.
I encourage The Planning Commission to vote no on the Riverpark Specific Plan Amendment.

Fraternally,
Jay Turner
Proud Oxnard Resident

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

MEMORANDUM

Agenda Item No.: F.2

Date: January 14, 2022

To: **Planning Commission**

From: **Joe Pearson II, Senior Planner (805) 385-8272**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 1 – RiverPark Specific Plan Amendment & Development Agreement Amendment** - PLANNING AND ZONING PERMIT No. 20-630-01 (Seventh Amendment to the RiverPark Specific Plan) and PZ No. 20-670-04 (Sixth Development Agreement Amendment) and certification of an Addendum to Final Environmental Impact Report No. 00-03. The project consists of the following requested actions:

a. Text and map amendments to the RiverPark Specific Plan to introduce a new high density land use designation within Planning Districts B, C, and D (Residential: Very High (30-80 units/acre)); create a new development type (Apartments - Urban); revise planning area boundaries; update the Land Use Table; and update exhibits for consistency with proposed changes. This amendment would allow development of up to 1,025 additional residential units, in exchange for a reduction of up to approximately 562,457 square feet of non-residential development.
b. Development Agreement Amendment to allow for a time extension, impact fee modifications, and define future affordable housing requirements.

The Project is located in the RiverPark Specific Plan area generally located North of the Ventura Freeway (Highway 101), west of East Vineyard Avenue, east of the Santa Clara River, and south of Central Avenue. The project application was filed by Ann Walsh of Shea Properties, 2751 Park View Court, Suite 261, Oxnard, CA 93036.

Subsequent to the release of the Project Memo and Transmittal Memo #1, staff received three communications from the public concerning the proposed project (attached).

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

Attachments

A. Letter from Johnny Escobedo received January 13, 2022
B. Email from Joseph Arnold received January 13, 2022
C. Email from Randy Rodriguez received January 13, 2022

CITY OF OXNARD CALIFORNIA

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] River park

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 6:03 PM
To: "Kolwitz, Scott" <scott.kolwitz@oxnard.org>, Joe Pearson II <Joe.pearson@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Johnny Escobedo** <Johnny@ironworkers416.org>
Date: Thu, Jan 13, 2022 at 6:01 PM
Subject: [Ask Planning Action] River park
To: planning@oxnard.org <planning@oxnard.org>

I'm emailing to let you know my "NO" stance on Agenda item F2-Riverpark Specific Plan Amendments&Development Agreement Amendment- PLANING AND ZONING PERMIT No. 20-630-01 and PZ No. 20-670-04. These Resolutions and Amendments are not beneficial to the skilled and trained workforce in the Local community that needs to keep protection in place for their skilled trade in their community and the unskilled underpaid labor from outside the City and County out. Our local Union members live here, they pay taxes here, they spend money here. When you give a loophole for Outside contractors to come into the area to build you have revenue that leaves with the contractor back to their own communities. Please consider the consequences of moving forward with the Amendments and VOTE NO THANK YOU

JOHNNY ESCOBEDO
IRONWORKERS LOCAL 416

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] NO on F2-Riverpark amendments

1 message

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 3:54 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Nickname 805** <jojoe022a@gmail.com>
Date: Thu, Jan 13, 2022 at 3:44 PM
Subject: [Ask Planning Action] NO on F2-Riverpark amendments
To: <planning@oxnard.org>

To whom it may concern:

I would like to voice my opinion on F2- Riverpark Amendments & Development agreement.

NO! Being a union member for 22 years and a citizen of Ventura county all my life, I live, shop and support local businesses. I pay city taxes and working union in Ventura County, the job will be built with quality, safety and on time. It is very beneficial to have union because we are skilled and trained per craft.

Local union workers that live and spend money here stays here. If you decide to bring in outsiders that hard earned money leaves with them.

Please VOTE NO!!

Thank you for your time,

Joseph Arnold

Pearson II, Joe <joe.pearson@oxnard.org>

Fwd: [Ask Planning Action] No on F2 Riverwalk amendments.

Lai, Dee <dee.lai@oxnard.org> Thu, Jan 13, 2022 at 3:52 PM
To: Joe Pearson II <Joe.pearson@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

---------- Forwarded message ---------
From: **Rodriguez, Randy** <Randy.Rodriguez@cmc.com>
Date: Thu, Jan 13, 2022 at 3:41 PM
Subject: [Ask Planning Action] No on F2 Riverwalk amendments.
To: Planning@oxnard.org <Planning@oxnard.org>

I oppose the Avenue to River walk amendments.I would like to see local contractors doing local jobs, let's build up and keep up each community's starting from Within.
Since the revenue a Contractor gets ultimately goes back to the community in which he lives

Sent from my iPad
This email and its attachments, if any, are intended for the personal use of the named recipient(s) and may contain confidential, privileged, or proprietary information. If you are not a named recipient, or an agent responsible for delivering it to a named recipient, you have received this email in error. In that event, please (a) immediately notify me by reply email, (b) do not review, copy, save, forward, or print this email or any of its attachments, and (c) immediately delete and/or destroy this email and its attachments and all electronic and physical copies thereof. Thank you.

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

MEMORANDUM

Agenda Item No.: F.4

Date: January 10, 2022

To: **Planning Commission**

From: **Jose Coyotl, Associate Planner (805) 385-7863**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 1 – TD Enterprise LLC dba Oxnard Holistics - Commercial Cannabis Business Retail Special Use Permit (SUP) -** PLANNING AND ZONING PERMIT No. 21-516-24 (Retail): Located at 1015 Harbor Boulevard (APN: 191-0-075-015). A request to permit the operation of a commercial cannabis retail facility within an existing 1,740 square-foot commercial suite of a 17,615 square-foot multi-tenant commercial building on a 2.39-acre site within the Commercial Neighborhood Convenience (CNC) zone. Proposed development includes tenant improvements: installation of interior wall partitioning, plumbing upgrades, upgrades to an existing fire alarm system, security upgrades to the existing building, and installation of new secure doors/windows. Cannabis retail operations will be conducted between the hours from 9:00 AM to 9:00 PM daily. Filed by Kristine Byers ("**Applicant**"), 2801 B Street Unit 161, San Diego, CA 92101, on behalf of TD Enterprise, LLC. dba Oxnard Holistics.

Subsequent to the release of the Staff Report, staff has received additional public correspondence regarding the subject project (attached).

Attachments

A. Letter dated January 6. 2022, sent by Linnea Von Wissmann
B. Email dated January 8, 2022, sent by Audrey Martinez-Keller
C. Email dated January 10, 2022, sent by Mary Susan Kyropoulos
D. Email dated January 10, 2022, sent by Robert Murphy
E. Email dated January 10, 2022, sent by Wayne & Eva Pihlgren
F. Letter dated January 13. 2022 sent by Clement and Katherine Alberts

LINNEA VON WISSMANN
5020 ISLAND VIEW STREET
OXNARD SHORES, CA 93035
(805) 832-4287- HOME (310) 562-3806 - CELL
linneavonwissmann@gmail.com

VIA EMAIL jose.coyotl@oxnard.org

January 6, 2022

Mr. Jose Coyotl
City of Oxnard Planning Commission
305 West Third Street
Oxnard, CA 93030

RE: Proposed Cannabis Retail Facility at 1015 Harbor Blvd., Oxnard, CA 93035

TO THE COMMISSION:

This letter is written to request, in the interests of public safety, that the City of Oxnard Planning Commission *deny* the proposal for TD Enterprises' cannabis retail facility. I am a homeowner in Oxnard Shores and I have concerns about the impact a cannabis retail store will have on the area. This shopping center has three intoxicant providers; a liquor store, a sports bar and a brewery. Adding another intoxicant provider creates a potentially dangerous environment where customers can purchase and/or consume alcohol can also purchase and/or consume cannabis products in the same location. This will result in more impaired drivers in the area and on heavily-trafficked Harbor Boulevard.

Another compelling reason to deny the proposal is that cannabis retail operations are targets for crime due to the presence of cash and cannabis products. In Los Angeles, the past nine years have seen an increase in reported crimes at dispensaries. (Kate Ly Johnston, "Pot May Be Legal, But Crime at Dispensaries is Rising." *Crosstown,* December 10, 2019. 1 Cannabis retail stores have lines of waiting patrons that other shopping center visitors must maneuver through which puts them in a vulnerable position of ending up in harm's way. The required presence of armed security guards for this store will impair the friendly beach-side ambiance of this small shopping that attracts tourists and visitors.

Additionally, this shopping center already has difficulties related to parking, deliveries and traffic especially on weekends and when the weather attracts beach goers. The cannabis retail store will result in more traffic, decreased parking for other customers and added congestion in the area. My suggestion to the property owner is that a more family-friendly business should open in the available space. The neighborhood would welcome a new dining operation such as a snack bar, taqueria, ice-cream vendor, etc.

I respectfully request that the Commission consider the above issues and deny the request to permit a cannabis retail operation at the above location at the next meeting to be held on January 13, 2022.

Sincerely,

Linnea von Wissmann

1. http://xtown.la/2019/12/10/pot-may-be-legal-but-crime-at-dispensaries-is-rising.

Kolwitz, Scott <scott.kolwitz@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Kolwitz, Scott <scott.kolwitz@oxnard.org> Sat, Jan 8, 2022 at 3:54 PM
Draft

---------- Forwarded message ---------
From: **Audrey Martinez-Keller** <audrey@swissfamilykeller.com>
Date: Fri, Jan 7, 2022 at 2:42 PM
Subject: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
To: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, <cityclerk@oxnard.org>

Dear Bert,

Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**

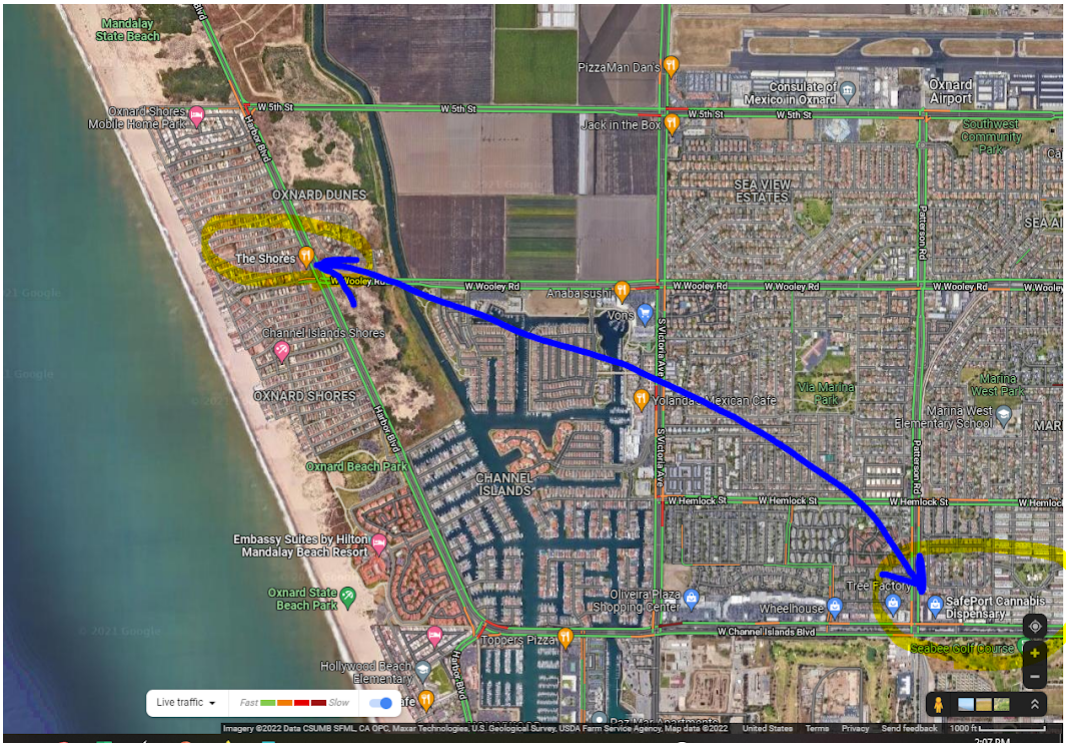
I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.

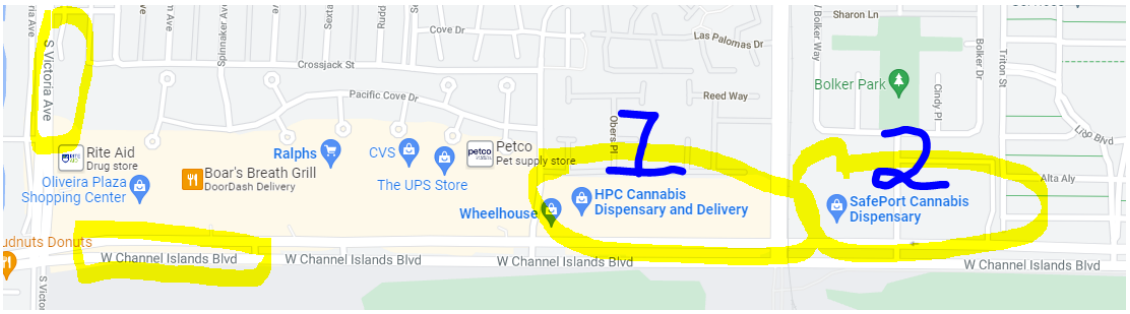
My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.

- It is not family friendly, not good for real estate values and not good for a healthy lifestyle.

Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.

Please vote against this development.





Kind Regards,
Audrey Keller
(818) 292-0447
Resident Mandalay Bay, Channel Islands Harbor

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: [Ask Planning Action] Cannabis retail application

1 message

Lai, Dee <dee.lai@oxnard.org> Mon, Jan 10, 2022 at 10:50 AM
To: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **'Mary Susan Kyropoulos' via Planning** <planning@oxnard.org>
Date: Mon, Jan 10, 2022 at 10:48 AM
Subject: [Ask Planning Action] Cannabis retail application
To: <Planning@oxnard.org>

Dear Mr. Coyotl,

The idea of a cannabis retail center at 1015 Harbor Blvd. has already been reviewed in the past by the citizens of Oxnard Shores. We objected to the idea at that time.

Here are some reasons:
1.This type of retail business is attractive to a large number of people. There are established shops here which would feel the impact of crowded parking.
2. Hours of 9am to 9pm invite noise to an area close to residential housing.
3. It would be more appropriate for a store of this type to locate in a large shopping complex where parking, crowds and noise are allowed.

Oxnard Shores considers itself as a reasonable, quiet neighborhood. Our local shops are small and fit the needs and interests of the neighborhood without additions.,

Thank you in advance for your consideration.

Mary Kyropoulos
5251 Wavecrest Way
Oxnard, CA

Sent from my iPad

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: [Ask Planning Action] Oxnard Holistics

1 message

Lai, Dee <dee.lai@oxnard.org> Mon, Jan 10, 2022 at 9:23 AM
To: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **Robert Murphy** <murph1198@gmail.com>
Date: Mon, Jan 10, 2022 at 8:59 AM
Subject: [Ask Planning Action] Oxnard Holistics
To: Planning <Planning@oxnard.org>

I oppose locating the Oxnard Holistics pot store in the Oxnard Shores shopping center.

Robert Murphy
Resident and Voter
5247 Whitecap Street
805 5095398
www.maritime-opinions.com

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: [Ask Planning Action] Vote NO Pot Store Oxnard Shores

1 message

Lai, Dee <dee.lai@oxnard.org> Mon, Jan 10, 2022 at 4:47 PM
To: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **WAYNE PIHLGREN** <wpihlgren@msn.com>
Date: Mon, Jan 10, 2022 at 4:42 PM
Subject: [Ask Planning Action] Vote NO Pot Store Oxnard Shores
To: Planning@oxnard.org <Planning@oxnard.org>
Cc: OSNC@cirs.com <OSNC@cirs.com>

This email is in reference to Item 4 (Pot Store in Oxnard Shores) on your meeting agenda January 13,2022. We are extremely concerned that the city would even consider such an establishment in a residential area. Homes in our neighborhood sell for $1,000,000+. We pay high taxes to live here and do not expect to see a Pot Store around the corner of our home. There are many cannabis (Pot Stores) on Channel Islands Blvd already. Do your due diligence that we expect of you and examine the location of where the store will go. Pot Stores DO NOT belong in residential areas like ours. It will substantially increase the risk of illicit behavior and illegal actions in our neighborhood. We have children and families living here and expect the City Council not to degregate the quality of life that we currently have.

VOTE NO FOR LOCATING A POT STORE IN OXNARD SHORES!!

Wayne & Eva Pihlgren

5237 Whitecap St

Oxnard 93035

Sent from Mail for Windows

Planning Commission Meeting
Thursday, January 13, 2022
PROJECT NAME: TD Enterprises, LLC dba Oxnard Holistics
PLANNING AND ZONING PERMIT NO. 21-516-24

Case # PZ 21-516-24

SPECIAL USE PERMIT – CANNABIS RETAIL; OXNARD SHORES and OXNARD DUNES

The proposed business is referred to as a "dispensary". This is a sham. It is a marijuana store; a pot for cash business that is constrained to operate on a strictly cash basis because no FDIC banking institution may dare to dirty its hands by dealing with it.

The City of Oxnard stands to unethically profit from a dubious cash influx harvested from a specifically targeted ostensibly addicted segment of the local population. It should be noted that a polled cross section of local *tenants* generally favor a "pot shop" while in contrast, the overwhelmingly majority of property taxed *homeowners* are positively opposed to their property values being undermined by a proposed intentional degradation of community prestige.

A Oxnard Union High School Bus Stop is within 200 feet of the proposed pot shop; meaning school aged children are subjected to an adverse presence.

The proposed marijuana storefront logo bears suspicious resemblance to the City of Oxnard's own municipal Logo; with the obvious intent to afford a fallacious association with the City's authority.

There are already no less than three Port Hueneme marijuana selling storefronts within a less than two mile radius of the proposed Oxnard Shores pot shop. It should be noted that in local social circles, Port Hueneme is already sarcastically referred to called "Pot Hueneme". Is Oxnard Shores destined to be referred to "Potnard Shores"?

What density of pot shops is considered to be beyond a maximum threshold? One on each corner? Has any study been conducted? Apparently not. Oxnard Shores homeowners feel that pot buyers should travel another mile down the road to Pot Hueneme where they can "hook up" their drug of choice in a totally commercial zoned area.

Unlike the Port Hueneme/Channel Islands Blvd pot shops; the Oxnard Shores commercially zoned strip mall is <u>totally circumscribed by residential zoning</u>. As already abundantly demonstrated within the city of Pot Hueneme's Channel Islands Blvd pot shop vicinity, drug users typically consume their purchases within a mere few blocks of the point of purchase. Oxnard Shores residents do not want to see users using in their neighborhood. Would members of the City Planning Commission countenance such activity in *their* respective neighborhoods?

The Harbor Blvd/Wooley Road intersection has historically shown itself to be subject to a greater than average number of traffic collisions. Moreover, traffic density is fully expected to increase due to the recent and still in progress so called "Shoreline" extreme high density locally characterized "hamster habitat" residential building project. The presence of a greater population density in conjunction with a pot shop will further exacerbate existing hazardous vehicular and pedestrian traffic risk factors and thus the likelihood of vehicular and pedestrian accidents. Attendant traffic considerations are well documented as demonstrated by broadly published statements of concern as made by the California Association of Police Chiefs as well as the Commissioner of the California State Highway Patrol

concerning increased percentages of drivers operating motor vehicles under the influence of Federal Class A Narcotics, e.g. Cocaine, Heroin *and Marijuana*.

Oxnard Shore residents typically and frequently take small children and toddlers out in strollers and/or take their dogs for a walk. Contextually, the presence of a pot storefront is not conducive to the values of a family community-oriented neighborhood. The California State Department of Consumer Affairs mandate and the City of Port Hueneme and the Port Hueneme Police Department maintain regulatory conditional permitting of pot shops with one condition being that the pot shop be manned by armed, firearm carrying guards during all hours of operation. This requirement will be also required for the presently proposed pot shop and as such would inject a demonstratively negative neighborhood and community atmosphere via the alarming presence of multiple openly exposed, gun wielding guards.

The subject strip mall location already houses a liquor store and two alcohol selling businesses. Is this not enough of a concentration of vice in an already aging, out of place strip mall? The addition of a marijuana storefront will only serve to further degrade the area in much the same manner as would the addition of a casino or bordello.

Business proprietors in the subject strip mall are categorically opposed to the proposed marijuana pot shop storefront but are incapable or unwilling to openly voice their opposition for fear of retaliation from an already too mercenary strip mall property owner.

The proposed pot shop is not an existing facility as defined under CEQA. Its ostensible goal is to sell an untold and potentially vast quantity of material to be immediately combusted and hence released into the atmosphere in close proximity to environmentally sensitive coastline areas with an attendant uncontrolled release of ROC's, VOC's, CO and PM sans EPA and Ventura County APCD regulatory oversight.

For the Commission to simplistically maintain that a marijuana site is an "existing facility" and therefore CEQA exempt is to say that this same proposed business could likewise sell for example, an unlimited quantity of elemental Mercury to the populace with no adverse environmental effect.

The Public Notice as published by the City of Oxnard references a virtual meeting to held at 6:00pm on November 15, 2021 via "Google Hangouts" but fails to provide any guidance or instruction to the public as the location or use the Google application; this mysteriously assuming the that the public at large possesses some magical comprehension of exactly what "Google Hangouts" is and how to utilize it. This blatantly obvious omission is clearly more in defiance of than in accordance with the spirit of Assembly Bill 361.

In conclusion; It would appear that this hearing is meant to serve as a permitting rubberstamp. Is this proposed permit a *fait accompli* ? The concerned residents of Oxnard Shores and the Dunes hope such is not the case and hereby urge that that the proposed permit be unanimously, if not heartily denied.

Clement and Katherine Alberts
Oxnard Shores

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

MEMORANDUM

Agenda Item No.: F.4

Date: January 11, 2022

To: **Planning Commission**

From: **Jose Coyotl, Associate Planner (805) 385-7863**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 2 – TD Enterprise LLC dba Oxnard Holistics - Commercial Cannabis Business Retail Special Use Permit (SUP) -** PLANNING AND ZONING PERMIT No. 21-516-24 (Retail): Located at 1015 Harbor Boulevard (APN: 191-0-075-015). A request to permit the operation of a commercial cannabis retail facility within an existing 1,740 square-foot commercial suite of a 17,615 square-foot multi-tenant commercial building on a 2.39-acre site within the Commercial Neighborhood Convenience (CNC) zone. Proposed development includes tenant improvements: installation of interior wall partitioning, plumbing upgrades, upgrades to an existing fire alarm system, security upgrades to the existing building, and installation of new secure doors/windows. Cannabis retail operations will be conducted between the hours from 9:00 AM to 9:00 PM daily. Filed by Kristine Byers ("**Applicant**"), 2801 B Street Unit 161, San Diego, CA 92101, on behalf of TD Enterprise, LLC. dba Oxnard Holistics.

Subsequent to the release of the staff report, the City has received inquiries about the crime rate in this area. The Police Department has provided the attached document which illustrates the area has a low crime rate.

Additionally, subsequent to the release of the Staff Report, staff has received additional public correspondence regarding the subject project (attached).

Attachments

A. Letter dated January 11, 2022, prepared by the Police Department
B. Email dated January 11. 2022, sent by John Fisher
C. Email dated January 11, 2022, sent by Deirdre Frank
D. Email dated January 11, 2022, sent by Gary Ross
E. Email dated January 11, 2022, sent by Edward McSpedon
F. Email dated January 11, 2022, sent by Adry Ezcurra
G. Email dated January 11, 2022, sent by Bonnie Mercadante

H. Email dated January 11, 2022, sent by Audrey Martinez-Keller
I. Email dated January 11, 2022, sent by Lawrence and Magretan Howie

CITY OF OXNARD CALIFORNIA

Police Department

Jason Benites, Chief of Police

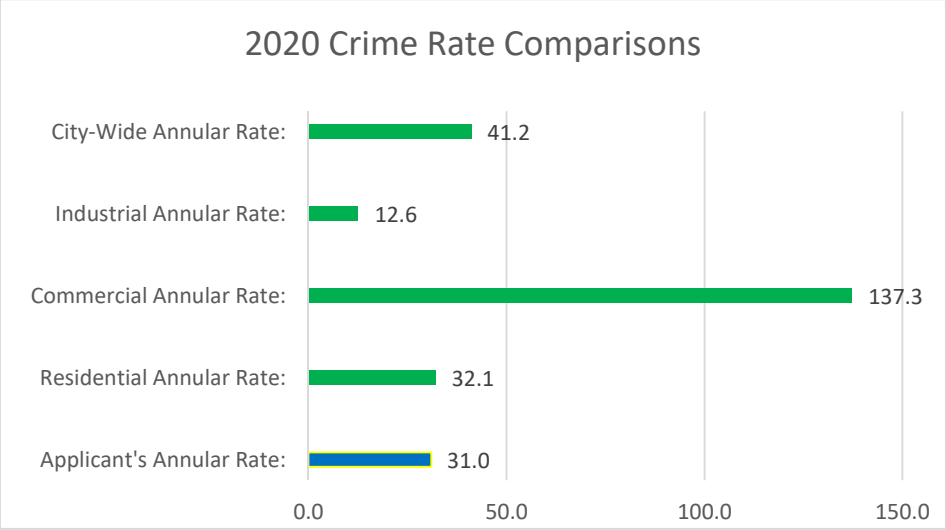
January 11, 2022

To: Jose Coyotl, Associate Planner
Scott Kolwitz, Planning & Environmental Services Manager

From: Alex Arnett, Patrol Support Division Commander
Scott Swenson, Safer Neighborhoods and Alcohol Compliance Specialist

Subject: TD Enterprise LLC dba Oxnard Holistics, 1015 Harbor Boulevard
PZ 21-516-24, Commercial Cannabis Business Retail SUP

After the staff report for this project was submitted to the Planning Commission, the Police Department received a request for crime statistics for the area around the applicant's site. This chart utilizes the same data collection process as that used for our Alcohol Special Use Permit Reviews.



For comparison purposes the Police Department calculates the average number of Part I[1] and II[2] crimes that occurred during a selected 12-month period. In the case of this

[1] *Part I crimes include: murder, rape, robbery, theft, burglary, auto theft, assault, and arson.*
[2] *Part II crime include: other assaults, forgery & counterfeiting, fraud, embezzlement, stolen property, vandalism, weapons, prostitution & commercialized vice, sex offenses, drug abuse violations, gambling,*

report, all calculations are based on statistics from 2020. The average city-wide, annular average of Part I and II crimes is 41.2.

The average number of Part I and II crimes in the applicant's 1000 feet annular area is 31. This is 23.6% of the average for commercial properties citywide and can be best illustrated in the attached graph.

---

offenses against family and children, driving under the influence, liquor laws, drunkenness, disorderly conduct, vagrancy, all other offenses not specifically identified as Part I or Part II, except traffic violations.

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Feedback

1 message

John Fisher <johnrfisher55@gmail.com> Tue, Jan 11, 2022 at 10:19 AM
To: jose.coyotl@oxnard.org

I cannot attend the video conference but my wife and I fully support the opening of a new cannabis store in the plaza on harbor Blvd next to the bottle shop liquor store. If this positive support matters please forward it on as necessary. Thanks

Sent from my iPhone

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Planning Commission 1/13/21 Oxnard Shores Dispensary. (WITHOUT ATTACHMENTS WHICH WILL FOLLOW) ok to forward

1 message

Deirdre Frank <pilawqueen@aol.com> Tue, Jan 11, 2022 at 2:55 PM
Reply-To: Deirdre Frank <pilawqueen@aol.com>
To: "jose.coyotl@oxnard.org" <jose.coyotl@oxnard.org>

-----Original Message-----
From: Deirdre Frank <pilawqueen@aol.com>
To: jose.coyotl@oxnard.org <jose.coyotl@oxnard.org>
Sent: Tue, Jan 11, 2022 2:16 pm
Subject: PC 1/13/21 Item 4 Cannabis Dispensary Oxnard Shores

WHY THE SUP FOR PROPOSED CANNABIS DISPENSARY IN OXNARD SHORES SHOULD BE DENIED OR CONTINUED TO ALLOW THE CITY MANAGER TO MODIFY THE REQUEST FOR APPLICATION.

Oxnard Ordinance 2994, passed in December, 2020 sets forth the provisions for establishing regulations and procedures for implementing storefront retail cannabis sales, as well as other cannabis related activities. SEC 11-450 states it is the PURPOSE AND INTENT of the Ordinance to "regulate the Cultivation, Processing, manufacturing, testing, SALE . . .of Cannabis and Cannabis Products in a RESPONSIBLE MANNER TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THE RESIDENTS OF THE CITY. . ."

The Ordinance grants complete control to the City Manager/Designee to adopt procedures to govern the application process as well as the decision to be made regarding the issuance of any Commercial Cannabis Business Permit. Per SEC 11-457(I) . . ."prior to permit issuance by the City Council, THE CITY MAY ALSO MODIFY, POSTPONE, OR CANCEL any request for applications . . .without liability, obligation, or commitment to any party . . ."

SEC 11-457(F) says . . ."the city manager reserves the right to reject any or all applications if the city manager determines it would be in the best interest of the city, TAKING INTO ACCOUNT ANY HEALTH, SAFETY AND WELFARE IMPACTS on the community."

Residents of Oxnard Shores request that the City request modification of the application as to location or, in the alternative, that the Planning Commission deny the SUP.

This is a total residential environment except for this small strip mall where all storefronts are connected. There are 3 alcohol outlets (1 liquor store, 1 full bar open until 1 a.m. and a brewery). Oxnard Ordinance 2994 states in SEC 11-478 RESTRICTIONS ON ALCOHOL AND TOBACCO SALES (A) No person shall cause or permit the sale, dispensing or consumption of alcoholic beverages on OR ABOUT the premises of the Commercial Cannabis Business. (B) No person shall cause or permit the sale of tobacco products on OR ABOUT the premises of the Commercial Cannabis Business. This location cannot conform to these restrictions.

The parking requirements of 1 space for 250 feet do not address the probable future needs of the existing businesses there to use parking for outdoor service as was done during COVID lockdown, something that should now be considered with all parking requirements as Ventura is doing re: its downtown parking.

This strip mall has 2 vacant spaces now. The potential dispensary space had, as an anticipated tenant, Tacos El Diablo, that thrilled our neighborhood! Signs were posted and then, poof, it was gone, relocated to C & 5th Street in Downtown Oxnard to allow the dispensary to apply for the location. This is not an abandoned center that needs a tenant, activity flows from the neighborhood to pick up pizza, cakes, laundry, vitamins, to use postal services, go for drinks and dinner, get ice cream at the mini market/liquor store. It is a busy place, see attachments for time lapse video showing same. Note from the videos that there is only 1 "street" (Wooley) and 1 "Way" (Outrigger) to access the strip mall. There is no direct access off Harbor Blvd. Note also, the pedestrian/bike/vehicle traffic flow (cars using the parking lot to "pass through" to avoid the intersection at Harbor & Wooley, an intersection rife with accident statistics).

Finally, to the extent that neighborhood involvement is considered, I note that the MAPS were "conceptually identified on land use maps", "conceptually permitted in property zoned" neighborhoods (see SEC 11-473 (B)) without any

specific location identified to the neighborhoods until after the application process began. Council only approved these conceptual maps NOT specific locations.

There was discussion about whether to consider Residential as a "sensitive use" and extending the sensitivity area(s) to 1,000 feet, both were rebuffed by Planning and Council. Many Cities DID include Residential as a sensitive use. It would have been perfect to apply to a neighborhood such as the Shores, given the extreme close proximity of the residential to the strip mall, less than 300 feet. A recommendation could be made by this Commission to have this revisited by the City Manager AND Council as this Ordinance allows for revisions.

Thank you.

Deirdre Frank
5244 Seabreeze Way
Oxnard, CA 93035

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 2:31 PM
To: "Seydoux, Simone" <simone.seydoux@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Jose,
See below email from Simone.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 2:14 PM Seydoux, Simone <simone.seydoux@oxnard.org> wrote:

> Comment
>
> ---------- Forwarded message ---------
> From: **Gary Ross** <gary@highwave.com>
> Date: Fri, Jan 7, 2022 at 3:04 PM
> Subject: Re: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
> To: Audrey Martinez-Keller <audrey@swissfamilykeller.com>
> Cc: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, <cityclerk@oxnard.org>
>
> I agree with you.
>
> On Fri, Jan 7, 2022 at 2:42 PM Audrey Martinez-Keller <audrey@swissfamilykeller.com> wrote:
>
> > Dear Bert,
> >
> > Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**

I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.

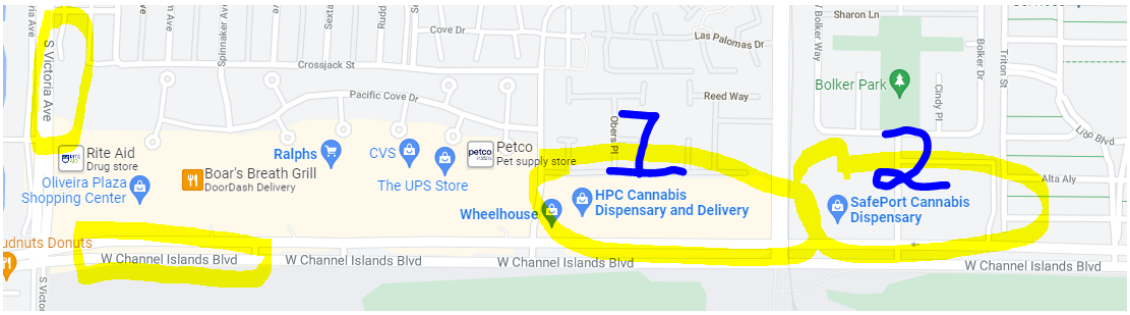
My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.

- It is not family friendly, not good for real estate values and not good for a healthy lifestyle.

Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.

Please vote against this development.





Kind Regards,
Audrey Keller
(818) 292-0447
Resident Mandalay Bay, Channel Islands Harbor

--

Gary Ross
CEO & Founder

HIGHWAVE®

e: Gary@highwave.com
p: 805-981-1773 | f: 805-981-1542

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 2:32 PM
To: "Seydoux, Simone" <simone.seydoux@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Jose & Scott,
See email from Simone.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 2:15 PM Seydoux, Simone <simone.seydoux@oxnard.org> wrote:

---------- Forwarded message ---------
From: **Edmail** <edmail@dslextreme.com>
Date: Fri, Jan 7, 2022 at 3:52 PM
Subject: Re: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
To: Audrey Martinez-Keller <audrey@swissfamilykeller.com>
Cc: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, <cityclerk@oxnard.org>

Please count me as a no vote as well. The shores is one of Oxnards best neighborhoods. Homes here are expensive and we pay more than our share of money in real estate taxes, sales taxes etc. That liquor store is not a great asset but is tolerable because it's primarilly a neighborhood convenience store. A Cannabis store would a 100% attractive nuisance and a blight at this location.
Edward McSpedon
965 Mandalay Beach Road

Sent from my iPhone

On Jan 7, 2022, at 2:42 PM, Audrey Martinez-Keller <audrey@swissfamilykeller.com> wrote:

Dear Bert,

Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**

I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.

My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.

- It is not family friendly, not good for real estate values and not good for a healthy lifestyle.

Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.

Please vote against this development.

<image.png>

[Quoted text hidden]

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 2:33 PM
To: "Seydoux, Simone" <simone.seydoux@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Jose and Scott,
Here's another one.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 2:15 PM Seydoux, Simone <simone.seydoux@oxnard.org> wrote:

---------- Forwarded message ---------
From: **Adry Ezcurra** <adryezcurra@gmail.com>
Date: Sat, Jan 8, 2022 at 12:55 PM
Subject: Re: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
To: Audrey Martinez-Keller <audrey@swissfamilykeller.com>
Cc: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, <cityclerk@oxnard.org>

I agree with you. AE

On Fri, Jan 7, 2022 at 2:42 PM Audrey Martinez-Keller <audrey@swissfamilykeller.com> wrote:

Dear Bert,

Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**

I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.

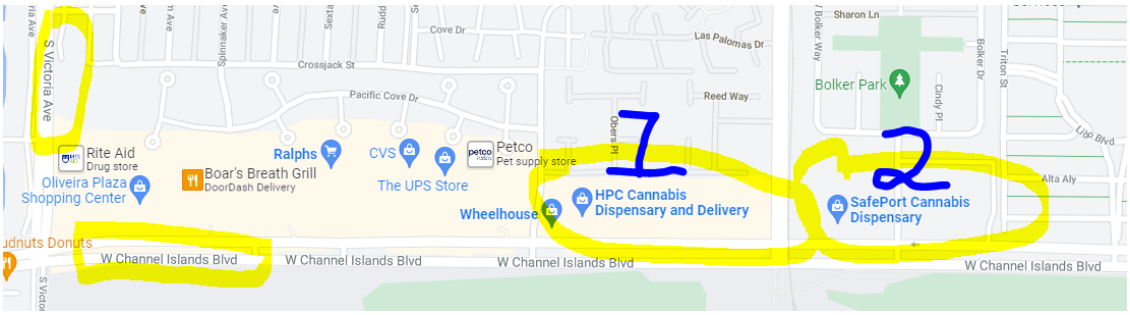
My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.

- It is not family friendly, not good for real estate values and not good for a healthy lifestyle.

Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.

Please vote against this development.





[Quoted text hidden]

--
Adry Ezcurra

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 2:33 PM
To: "Seydoux, Simone" <simone.seydoux@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Here's another one.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 2:15 PM Seydoux, Simone <simone.seydoux@oxnard.org> wrote:

> ---------- Forwarded message ---------
> From: **Bonnie Mercadante** <bonnie@softouchphoto.com>
> Date: Tue, Jan 11, 2022 at 1:41 PM
> Subject: Re: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
> To: Audrey Martinez-Keller <audrey@swissfamilykeller.com>
> Cc: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, cityclerk@oxnard.org <cityclerk@oxnard.org>, Mike Mercadante <mjmercadante@gmail.com>
>
> Bert
>
> I agreed 100% with Audrey's assessment! I don't want to see any CBD stores in our neighborhood for the reasons she stated!
> There are plenty other similar stores in the area within a short drive if someone really wants those products.

Bonnie

Sent from my iPhone

> On Jan 7, 2022, at 2:42 PM, Audrey Martinez-Keller <audrey@swissfamilykeller.com> wrote:
>
> Dear Bert,
>
> Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**
>
> I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.
>
> My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.
>
> - It is not family friendly, not good for real estate values and not good for a healthy lifestyle.
>
> Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.
>
> **Please vote against this development.**
>
> <image.png>
> [Quoted text hidden]

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 2:34 PM
To: "Seydoux, Simone" <simone.seydoux@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 2:14 PM Seydoux, Simone <simone.seydoux@oxnard.org> wrote:

> There are several emails on this thread. I will send them separately.
>
> ---------- Forwarded message ---------
> From: **Audrey Martinez-Keller** <audrey@swissfamilykeller.com>
> Date: Fri, Jan 7, 2022 at 2:42 PM
> Subject: Planning Commission Meeting on Thursday 13th Item F-4: TD Enterprise LLC dba Oxnard Holistics
> To: Bert Perello (bert.perello@oxnard.org) <bert.perello@oxnard.org>, <cityclerk@oxnard.org>
>
> Dear Bert,
>
> Please submit my personal letter for entry as an objection to item **F4 Cannabis store on Harbor Blvd. Please distribute my comments in color to the commission, so the graphics are easy to view.**
>
> I am not in favor of the Cannabis store on Harbor Blvd. I believe that this location is not appropriate, given the fact it is part of the neighborhood where families go for donuts, pizza and milk or eggs (and booze) at the local liquor store. Yes there is a liquor store, but it serves Oxnard Shores/Dunes and Channel Islands neighbors as a little quaint destination to walk or run-in.

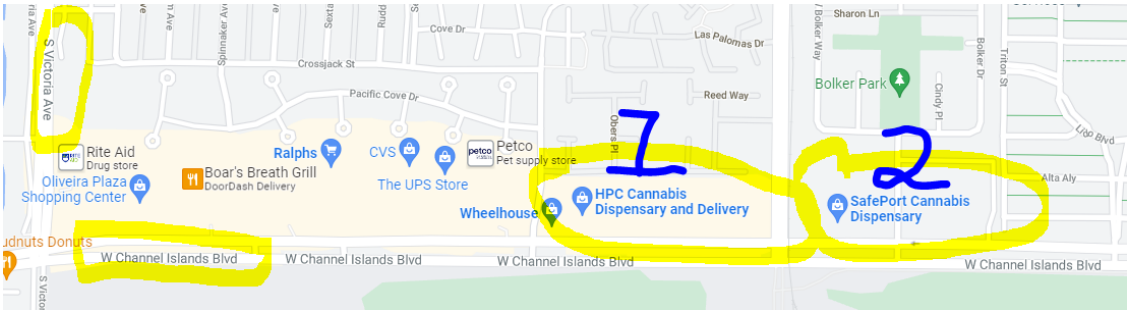
My point is that it is a relatively safe place to stop in or walk to for our local families. Once a cannabis store moves in, that safe place perception is OVER. This type of business impacts the entire circle of residents that are serviced by these wonderful businesses.

- It is not family friendly, not good for real estate values and not good for a healthy lifestyle.

Personally it is a shameful move by the City Planners to suggest this location. I attended the initial meeting where the City planners promised the future cannabis businesses would be limited to commercial/industrial areas. Just because there is an existing liquor store doesn't mean that this neighborhood should be further exploited or blighted, because of City sales tax greed. Take a look at the maps I've enclosed. There are already TWO cannabis retail stores a mile or so away from the proposed Oxnard City site. Make Oxnard the safe haven for your residents. If residents want to buy cannabis, they already know they can drive to Port Hueneme in less than 5 minutes.

Please vote against this development.





[Quoted text hidden]

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: [Ask Planning Action] Strong disapproval against TD Enterprise LLC dba Oxnard Holistics Commercial Cannabis Business Retail SUP

1 message

Lai, Dee <dee.lai@oxnard.org> Tue, Jan 11, 2022 at 5:55 PM
To: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **'Magretan Howie' via Planning** <planning@oxnard.org>
Date: Tue, Jan 11, 2022 at 5:53 PM
Subject: [Ask Planning Action] Strong disapproval against TD Enterprise LLC dba Oxnard Holistics Commercial Cannabis Business Retail SUP
To: <planning@oxnard.org>

Lawrence and Magretan Howie
5101 Breakwater Way
Oxnard, CA 93035
January 11, 2022

RE: Oxnard Planning Commission
Notice of Public Hearing
Thursday January 13, 2022

Project Name and Location: TD Enterprise LLC dba Oxnard Holistics -

Commercial Cannabis Business Retail SUP
1015 Harbor Boulevard (APN: 191-0-075-015)

We live at 5101 Breakwater Way which is a corner lot that has only a small brick fence between our home and the back parking lot of the shopping center that the cannabis shop wants to work out of which is about 500 feet away. That puts our home directly in the vicinity of this shop.

We have noted already that people have stood outside of the liquor store smoking marijuana. What will happen when the cannabis shop is here?

The shop keepers we have talked to do not feel that this business would work in their best interest and we feel the same.

How can customers of the donut shop feel comfortable going there during the day often with children or for families to use the laundromat or the cleaners? How can someone feel safe at the restaurant or the pizza parlor in their outside seating?

It is extremely upsetting to learn that this shop will have armed guards. No shop there needs armed guards now, but might they after the marijuana shop is in? Our concern is, if shooting ever took place, what would we do? We are both over 70 and take care of our 89-year-old mother. How can we feel safe with a shop with armed guards? Other cannabis shops are actually being robbed. This is not a minor matter.

The neighborhood is made up of retired individuals like ourselves and families. These houses are well kept and relatively safe. That will not be the case if the cannabis shop is allowed to move in. Many of these homes are in the million dollar plus category and contribute considerably to the tax base of the City of Oxnard. What will happen to the property values?

Finally, while we sympathize with the person who owns the now empty shop in question and his desire to fill it with a paying tenant, the fact is Oxnard Shores has not needed a cannabis shop and still does not.

If someone thinks they need cannabis, global positioning can help them find an already existing shop with a fifteen minute trip or less.

For the above reasons we strongly urge the counsel not to allow this type of store in this neighborhood.

Sincerely,

Lawrence and Magretan Howie

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

OXNARD
CALIFORNIA

MEMORANDUM

Agenda Item No.: F.4

Date: January 12, 2022

To: **Planning Commission**

From: **Jose Coyotl, Associate Planner (805) 385-7863**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 3 – TD Enterprise LLC dba Oxnard Holistics - Commercial Cannabis Business Retail Special Use Permit (SUP) -** PLANNING AND ZONING PERMIT No. 21-516-24 (Retail): Located at 1015 Harbor Boulevard (APN: 191-0-075-015). A request to permit the operation of a commercial cannabis retail facility within an existing 1,740 square-foot commercial suite of a 17,615 square-foot multi-tenant commercial building on a 2.39-acre site within the Commercial Neighborhood Convenience (CNC) zone. Proposed development includes tenant improvements: installation of interior wall partitioning, plumbing upgrades, upgrades to an existing fire alarm system, security upgrades to the existing building, and installation of new secure doors/windows. Cannabis retail operations will be conducted between the hours from 9:00 AM to 9:00 PM daily. Filed by Kristine Byers ("**Applicant**"), 2801 B Street Unit 161, San Diego, CA 92101, on behalf of TD Enterprise, LLC. dba Oxnard Holistics.

Before the release of the Planning Commission Staff Report and Community Workshop the City received a petition in opposition to the project.

Additionally, subsequent to the release of the Staff Report, staff has received additional public correspondence regarding the subject project (attached).

Attachments

A. Petition received March 1, 2021
B. Letter dated November 2, 2021, sent by Andrew and Theresa Stewart
C. Email dated January 12. 2022, sent by Adrian Arvizo
D. Email dated January 12. 2022, sent by Karen and Dave Brooks
E. Email dated January 12. 2022, sent by Jennifer Ficken
F. Email with Attachments dated January 12. 2022, sent by Deirdre Frank
G. Email dated January 12. 2022, sent by Rick Gutierrez
H. Letter with Attachment dated January 12. 2022, sent by Walter Hagedohm

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

OXNARD
CALIFORNIA

I. Email dated January 12. 2022, sent by Ted & Cory Kuepper
J. Email dated January 12. 2022, sent by Clifford M. Maurer
K. Email dated January 12. 2022, sent by Erika Murphy
L. Email with Attachment dated January 12. 2022, and petition from March 1, 2021, sent by Robert Murphy (Email Attachment - See Transmittal Memo No. 3 Attachment A)

a

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
ANGELA SLAFF	Angela Slaff	[redacted] Wavecrest Wy, OX 93035	This is a residential neighborhood	2/19/2021
SANDRA DELANEY	S Delaney	[redacted] Seabreeze Wy Ox 93035		2/19/2021
Clifford Maurer	[signature]	[redacted] Whitecap St. Oxnard 93035		2-19-2021
Tim Flynn	Tim Flynn	[redacted] N F St. Ox 93035		2-19-21
Chuck McSorley	[signature]	[redacted] Whitecap St.		2-28-21
Chase McSorley	Chase McSorley	[redacted] Whitecap St.		2-28-21
Bobbie Blaznek	Bobbie Blaznek	[redacted] Wavecrest Way		03-1-21
Tom Blaznek	[signature]	[redacted] Wavecrest Way		03-1-21

F

Petition to OPPOSE Ca[redacted]ispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary a[redacted]e Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
WAYNE PIHLGREN	Wayne D. Pihlgren	[redacted] WHITECAP ST. OXNARD, CA 93035		2-18-21
Sheila L Robino	Sheila L Robino	OX. CA. 93035 [redacted] WAVECREST Way		2-19-21
Paul Robino	Paul A Robino	[redacted] WAVECREST WAY OXNARD CA 93035		2-19-21
Janie Day	Janie Day	[redacted] Whitecap St. Oxnard CA 93035		2-19-21
MARK KIEL	Mark Kiel	[redacted] WAVECREST OXNARD, CA 93035		2-19-21
Eva A Pihlgren	Eva A Pihlgren	[redacted] Whitecap St Oxnard CA 93035		2-19-21
FREDERIC CRAMPE	[illegible]	[redacted] WHITECAP ST OXNARD, CA 93035		2.19.21
Elzilee Murphy	[illegible]	[redacted] Whitecap St. Oxnard 93035		2.19.21
Cindy Maurer	Cindy Maurer	[redacted] Whitecap St 93035		
WAYNE TAUSIG	Wayne Tausig	[redacted] WHITECAP ST. OXNARD		2-19-21
JANET TAUSIG	Janet Tausig	[redacted] WHITECAP ST OXNARD		02/19/21
Heidi Esparza	Heidi Esparza	[redacted] Whitecap Pl 93035		

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.

Action petitioned for We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
Nancy A. Lauter	Nancy A. Lauter	[redacted] Corbina Way Oxnard 93035		
David Lauter	David Lauter	[redacted] Corbina Way Oxnard 93035		
Karen Brooks	K Brooks	[redacted] Corbina Way, Oxnard		
DAVE BROOKS	Dave Brooks	[redacted] CORBINA WAY, OXNARD 93035		

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
Kimberly [illegible]	[illegible]	[redacted] Wavecrest Wy		2/19/21
Ken Boyd	[illegible]	[redacted] Wavecrest Way	- Residents/ Neighbors	2/19/21
Debra McKeown	[illegible]	[redacted] wavecrest way ox 93035		2/19/21
Tom McKeown	[illegible]	[redacted] WAVECREST ST	Resident	2/19/21
RAY MIZE	[illegible]	[redacted] WHITECAP ST	RESIDENT	2/19/21

William Kreh	[redacted]	20 Shaws Reef		2-19-21
Helene Kreh	[redacted]	Whitecap St		2-19-21
Mary Ellen Harwood	[redacted]	Ox. Shaws Reef Way		2-19-21
Robert Murphy	[redacted]	Whitecap St		2-19-21

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
Alan Darryl Page		[redacted] Vina del Mar		3/5/21
Leslie Druss		[redacted] Vera Del Mar		3/5/21
Jerome Druss		[redacted] " "		3/5/21
DAVIDA WAGNER		[redacted] Vina Del Mar Dr		3/5/21
MARY L. BAKER		[redacted] Cannes Dr		3/5/21
ALBERT WADE		[redacted] VIDA DEL MAR		3/5/21
JAMES TIPTON		[redacted] VINA DEL MAR		3/5/21
MARY ANN SMIDLER		[redacted] Martinique Lane		3/5/21
Pat Matchak		[redacted] Martinique		3/5/21
Alex Ruzmaikin		[redacted] Martinique		3/5/21
Mary Woolever		[redacted] Mayda		3/5/21
Jeff Woolever		[redacted] Majorca Dr		3/6/21

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
Marie Mack	Marie Mack	[redacted] Ocean Dr 93035		3/6/21
JANET CARR	Janet Carr	[redacted] San Sebastian D		3/4/21
DAMARA HUBBARD	Damara Hubbard	[redacted] Cannes Sq.		3/6/21
Leigh Palmer	Leigh Palmer	[redacted] Vina Del Mar		3/6/21
Coleen Silverman	Coleen Silverman	[redacted] Vina Del Mar		3/7/21

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

Petition summary and background	Neighbors do not want a cannabis dispensary at the Shores Shops. Already have a liquor store, a bar and a brewery. Better places in Oxnard for this kind of business.
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to oppose placing a cannabis dispensary in Oxnard Shores (corner of Wooley and Harbor).

Printed Name	Signature	Address	Comment	Date
Frank Brown	Frank R Brown	[redacted] Corbina Way	To many within 3 miles	2/25
Stephanie Brown	Stephanie Brown	[redacted] Corbina Way	There are already 6 within 3 miles of Oxnard Shores	2/25
F. Winkleblack	F Winkleblack	[redacted] Mandalay Beach Rd	Don't add but trouble	2/6
B. Winkle Black	Barbara Winkleblack	[redacted] Mandalay Beach Rd	Enough already	2/26
Virginia Banister	Virginia Banister	[redacted] Corbina Cir OX		2/26
Barbara Armstrong		[redacted] Corbina Way		2/27
William Wellbacher		[redacted] Island Reef St Oxnard		2/27
Virginia Wellbacher	Virginia Wellbacher	[redacted] Island Reef St Oxnard		2/27
Cornelia Kuepper	Cornelia Kuepper	[redacted] Corbina Wy, Oxnard		2/27/2021
THEODORE KUEPPER	Theodore Kuepper	[redacted] CORBINA WAY, OXNARD	WE ALREADY HAVE A LOCAL LIQUOR STORE, BREWERY AND BAR. GIVE US A BREAK!	
SALLY STEVENS YOUNT	Sally Stevens Yount	[redacted] Mandalay Beach Rd. Oxnard	TOO MANY CANNABIS stores in Oxnard	2/27/2021
ROBERT W. YOUNT	Robert W. Yount	[redacted] Mandalay Beach Rd	NO THANKS	

Printed Name	Signature	Address	Comment	Date
NANCY CHASE	Nancy Chase	[redacted] Corbina Way Oxnard 93035	NO DISPENSARY IN OXNARD, CA	2/27/2021
NANCY B HILL Nancy B Hill	Nancy B Hill	[redacted] Sealane Way Oxnard 93035	NO DISPENSARY in Oxnard shores	2/27/2021
Renee Hill	[redacted]	[redacted] W 5th St. #159 Oxnard, CA 93035		2/27/21
Robert Blake Hill	[redacted]	[redacted] W 5th St #159 Oxnard CA 93035		2/27/21
PATTY HAYES Patty Hayes	P.A. Hayes	[redacted] W. 5th # 160 Oxnard CA 93035		2/27/21
Charlotte McGee	[redacted]	[redacted] Sealane Way	TOO SMALL OF COMPLEX - NO!!!	
Cathy Caplan	Cathy Caplan	[redacted] Corbina Way	NO DISPENSARY IN ~~other neighborhood~~	3/1/21
Mark Caplan	[redacted]	[redacted] Corbina Way	TOO MANY DISPENSARIES already IN A SMALL AREA	3/1/21
Vikki Diaz	[redacted]	[redacted] Corbina Way	liquor store & Brewery is enough in that small complex.	3/2/21
David Diaz	[redacted]	[redacted] Corbina Way		

Petition to OPPOSE Cannabis Dispensary in Oxnard Shores

[redacted]

2-21-21

SHARON S. SWAN Sharon S. Swan [redacted] CORBINA WAY, OXNARD 93035

RICHARD A. SWAN Richard A. Swan [redacted] CORBINA WAY, OXNARD, 93035 2/21/202_

BRETT BEDNARZ Brett Bednarz [redacted] CORBINA WAY OX, CA 93035 2/21/2021

Brett Allen Johnson BJ [redacted] Corbina Way, 93035 2/21/2021

BRIAN LEE HILLER [redacted] CORBINA WAY, OX 93035

Cathy Van C. Van [redacted] Marlin Way, Oxnard 93035

DOUGLAS CARR [redacted] MARLIN WAY OXNARD 93035

Debra L. Carr Debra L Carr [redacted] Marlin Way Oxnard CA 93035

B

Andrew W. and Theresa M. Stewart

5054 Moonstone Way
Oxnard, CA 93035
andystewart90029@yahoo.com
theresa@tmstewartcpa.com

November 2, 2021

Jose Coyoti – Planning Department
214 South C Street
Oxnard, CA 93030

Re: Planning Zone No. 210516-24

Dear Sir or Madam:

We are homeowners in Oxnard Shores and against this location for a cannabis dispensary. This is a quiet community. We would like the area to retain its quiet nature. There is also evidence of increased crime in areas that have 1 or more dispensaries. See the article from the Denver Times attached and can also be found online at: https://news.ucdenver.edu/do-marijuana-dispensaries-increase-neighborhood-crime/ . Here is a quote from the article stating 26% to 1452% higher:

"We found that neighborhoods with one or more medical or recreational dispensary saw increased crime rates that were between 26 and 1,452 percent higher than in neighborhoods without any commercial marijuana activity," notes Lorine A. Hughes, PhD, associate professor in the School of Public Affairs at the University of Colorado Denver, who led the study. "But we also found that the strongest associations between dispensaries and crime weakened significantly over time."

We believe that this dispensary and the community of "Oxnard Shores" would be better served if it were located in a more commercial area i.e. Seabridge or 5th and Victoria.

Please contact us if you need further information.

Thank you for your service.

Sincerely,

Andrew W. Stewart

Theresa M. Stewart

City Stories

Do marijuana dispensaries increase neighborhood crime?

Researchers study Denver neighborhoods post 2014 legalization

February 20, 2019

Ten states and the District of Columbia now allow the sale, possession and use of marijuana for recreational purposes, and 33 states and the District of Columbia allow medical marijuana. Critics argue that marijuana dispensaries are magnets for crime. A new study found an association between marijuana dispensaries and increases in rates of crime and disorder in neighborhoods in Denver, Colo., shortly after Colorado commenced legal retail sales of marijuana.

The study, by researchers at the University of Colorado Denver, appears in *Justice Quarterly*, a publication of the Academy of Criminal Justice Sciences.

"We found that neighborhoods with one or more medical or recreational dispensary saw increased crime rates that were between 26 and 1,452 percent higher than in neighborhoods without any commercial marijuana activity," notes Lorine A. Hughes, PhD, associate professor in the School of Public Affairs at the University of Colorado Denver, who led the study. "But we also found that the strongest associations between dispensaries and crime weakened significantly over time."



A study by School of Public Affairs researchers found a relatively strong association between medical marijuana dispensaries and drug and alcohol offenses.

Dispensaries associated with increase in crime

In their study, the researchers looked at both medical and recreational dispensaries from 2012 to 2015 (Colorado legalized marijuana in 2014). They examined the extent to which dispensaries were associated with neighborhood crime and disorder independently of other characteristics of the neighborhoods (e.g., socioeconomic disadvantage, concentration of high-risk commercial establishments such as check-cashing stores and tattoo shops).

Measures of crime and disorder were drawn from the Denver Police Department and included aggravated assault, auto theft, burglary, drug and alcohol offenses, murder, public disorder, robbery and theft from a car. Measures of other neighborhood characteristics were based on 2013 estimates of characteristics of Census block groups, which researchers applied to 3,981 equally distributed geographic areas in Denver. Information about marijuana dispensaries was obtained from government agencies.

The study found that except for murder, the presence of at least one medical marijuana dispensary was associated with a statistically significant increase in neighborhood crime and disorder, including robbery and aggravated assault. The study also found a relatively strong association between medical marijuana dispensaries and drug and alcohol offenses, with a decline in the strength of the link after recreational marijuana was legalized.

The pattern of results was similar for recreational marijuana dispensaries, though the study found no direct relation to auto theft.



Results of a study by CU Denver criminal justice researchers indicate that both medical and recreational marijuana dispensaries are associated with increases in most major crime types.

How marijuana legalization affects neighborhoods

The authors caution that the results of the study, based only on information from Denver immediately after legalization and before market saturation, may not be appropriate for generalization to other geographic areas. They also note that because the study relied on official police data to measure crime and disorder, it's possible that police targeted neighborhoods with marijuana dispensaries, which would over-estimate the association between these facilities and crime and disorder.

"Our findings have important implications for the marijuana industry in Denver and the liberalization of marijuana laws nationwide," suggests Lonnie M. Schaible, PhD, associate professor in the School of Public Affairs at the University of Colorado Denver, who coauthored the study. "Although our results indicate that both medical and recreational marijuana dispensaries are associated with increases in most major crime types, the weak strength typical of these relationships suggests that, if Denver's experience is representative, major spikes in crime are unlikely to occur in other places following legalization."

The authors suggest that, rather than fighting to oppose legalized marijuana, which has become a multibillion-dollar industry and is expected to create more than a quarter of a million jobs by 2020, it may be more expedient to develop and support secure and legal ways for dispensaries to engage in financial transactions.

Summarized from Justice Quarterly, *Marijuana Dispensaries and Neighborhood Crime and Disorder in Denver, Colo., by Hughes, L, Schaible, LM, and Jimmerson, K (University of Colorado Denver).* *Copyright 2019 The Academy of Criminal Justice Sciences. All rights reserved.*

Reprinted with permission. Originally published by the Crime and Justice Research Alliance.

Written by Guest Contributor, University Communications



© 2021 The Regents of the University of Colorado, a body corporate. All rights reserved.

Accredited by the Higher Learning Commission. All trademarks are registered property of the University. Used by permission only.

C

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] Item F-4: TD Enterprise LLC dba Oxnard Holistics

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 10:15 AM
To: Adrian Arvizo <adrianarvizo@gmail.com>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hello Adrian,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Tue, Jan 11, 2022 at 8:47 PM Adrian Arvizo <adrianarvizo@gmail.com> wrote:

> Dear Planning Commission:
>
> I strongly oppose a marijuana dispensary opening in Oxnard Shores. Next door to residential properties is not an appropriate location for such a business. This will increase crime and traffic in the area. There is no other dispensary in a residential neighborhood and I certainly do NOT want my neighborhood to be the first.
>
> Sincerely,
> Adrian Arvizo

10

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: Cannabis dispensary Harbor Bl., Oxnard Shores

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 11:49 AM
To: "Chaparro, Rose" <rose.chaparro@oxnard.org>
Cc: "Kolwitz, Scott" <scott.kolwitz@oxnard.org>, Vyto Adomaitis <vyto.adomaitis@oxnard.org>, Jose Coyotl <jose.coyotl@oxnard.org>

Hi Rose,
Jose will include this in the transmittal memo and then I will distribute it to the Planning Commission and post online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 11:41 AM Chaparro, Rose <rose.chaparro@oxnard.org> wrote:

> Hi Dee,
>
> Please forward to the Planning Commission. Thank you.
>
> **Rose Chaparro, City Clerk**
> **City of Oxnard**
> 300 West Third Street
> Oxnard, CA 93030
> Main Line: (805) 385-7803
> rose.chaparro@oxnard.org
> CITY OF OXNARD CALIFORNIA
>
> ---------- Forwarded message ---------

From: **'Karen' via City Clerk** <cityclerk@oxnard.org>
Date: Wed, Jan 12, 2022 at 11:36 AM
Subject: Cannabis dispensary Harbor Bl., Oxnard Shores
To: <cityclerk@oxnard.org>
Cc: <john.zaragoza@oxnard.org>, <bryan.mcdonald@oxnard.org>, <bert.perello@oxnard.org>, <oscar.madrigal@oxnard.org>, <gabriela.basua@oxnard.org>, <vianeyforoxnard@gmail.com>

City Clerk, please forward to Planning Commissioners, thanks!

Planning Commissioners, Mayor and City Council,

My husband and I are residents of Oxnard Shores; I am an Oxnard native. I am asking you to reconsider the possibility of a cannabis dispensary at the Shores strip mall. I do not have a negative view of legitimate cannabis businesses, and would welcome such a business in another, more appropriate location in Oxnard.

I hope the Commissioners will not approve this location solely as a tax revenue source for the city. I hope you will look at this from the perspective of many of the residents, that we have a small convenient shopping center which already houses a brewery, a liquor-dispensing market and a restaurant that serves alcohol. There are many other locations on the west side of the city, such as much larger retail buildings on Victoria or west Fifth Street.

We already have traffic problems and too many accidents at the Wooley Road and Harbor Blvd intersection, and can see that a pot shop would draw even more traffic. There are no dispensaries in Ventura, so we can anticipate the Harbor location would be a convenient destination for west and midtown Ventura, the Keys and Pierpont, which is a mere ten-minute drive to the Shores.

I would welcome any of you to spend some time at our beach parks where the smell of pot smoke is in the air. Try sunset at the kiddie park on Neptune Square. It will only get worse if there is a dispensary just a few blocks away. As I said, I have no problems with the use of cannabis, but am concerned about stoned drivers traveling on neighborhood streets, traffic congestion at an already bad intersection and the concentration of adult-use businesses in a neighborhood setting.

Thank you for making a careful assessment of this business location based on quality of life in our neighborhood, and not just tax income.

Sincerely,

Karen and Dave Brooks

Sent from my iPad

E

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] Cannabis store in Oxnard Shores

1 message

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 12:53 PM
To: Jennifer Ficken <jficken@sbcglobal.net>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Jennifer,
Hi Ted,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 12:47 PM Jennifer Ficken <jficken@sbcglobal.net> wrote:

> As a resident of Oxnard Shores I absolutely OPPOSE the marijuana shop being allowed to open in a residential neighborhood. This is a horrible fit for this neighborhood. It belongs in a commercial or industrial neighborhood.
>
> Jennifer Ficken
> 5218 Whitecap St
> Oxnard Shores
> 805-390-9375
>
> Sent from my iPhone

F

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: cannabis traffic KEYT story 11/21/21.

1 message

Deirdre Frank <pilawqueen@aol.com> Wed, Jan 12, 2022 at 3:37 PM
Reply-To: Deirdre Frank <pilawqueen@aol.com>
To: "jose.coyotl@oxnard.org" <jose.coyotl@oxnard.org>

-----Original Message-----
From: Deirdre Frank <pilawqueen@aol.com>
To: Deirdre Frank <pilawqueen@aol.com>
Sent: Wed, Nov 24, 2021 4:51 pm
Subject: cannabis traffic KEYT story 11/21/21.

ORT HUENEME, Calif.- People who are fed up with fatal traffic accidents near Port Hueneme's "Green Mile" took part in an International World Day of Remembrance ceremony at Bolker Park on Sunday.

The "Green Mile" is the name given to the legal marijuana dispensaries along Channel Islands Blvd.

Tens of thousands of visitors each month have added to traffic and accidents in the city.

ADVERTISING

That is why Cynthia Ross and Martha Mildbrandt invited police and city leaders to the event.

Officers didn't make it, but Mayor Steven Gama and Mayor Pro Tem Richard Rollins did.

They said they are working on safety issues in the city,

Organizers, who held a candle light vigil after dark, said there have been at least a dozen crashes near the park and some have been fatal.

They invited road safety advocate Beverley Shelton, known as Grandma, to speak.

Shelton knows what it is like to lose a loved one.

She is the Co-Founder of Families for Safe Streets.

Ross said their activism has led to four new stop signs, but they are still fighting for speed bumps.

Ventura County



































6

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Comments for Planning Commission Meeting 1_13_2022 Item#4

Rick Gutierrez <rick.gutz@gmail.com> Wed, Jan 12, 2022 at 2:11 PM
To: whagedohm@cirs.com
Cc: David Laufer <1davidlaufer@gmail.com>, Deirdre Frank <pilawqueen@aol.com>, Diane Delaney <dedelane@earthlink.net>, Julie Pena <jpena7@verizon.net>, Karen Brooks <square21@verizon.net>, "Perello, Bert" <bert.perello@oxnard.org>, Robert Murphy <murph1198@gmail.com>, dee.lai@oxnard.org, jose.coyotl@oxnard.org

Walt,

I read your letter addressed to the planning department and I feel as you did a complete clarification of our neighborhood concerns and the possible conflict with legal requirements (now, I saying this because I did not read the 41 page legal document from San Diego).

Thank you for professional and submitting In a timely manner.

Job well done sir!

Respectfully,

Rick
[Quoted text hidden]

Subject: Cannabis Dispensary at Oxnard Shores

Members of the Oxnard Planning Commission:

The Planning Department stated at the Community Workshop on November 15, 2021 that the next phase of the approval process for the cannabis shop in Oxnard Shores was the environmental review. However, there would be NO public input, other than the workshop, and that the findings would be published seven days before this Planning Commission meeting. It is unfortunate for the applicant and the public that we were given such a brief time to review the findings of the city's environmental review, and with no input whatsoever into the environmental review process itself.

The most important finding is that this project meets the environmental standards of CEQA under (Existing Facilities) Categorical Exemption. To make this determination, the project must pass a series of exemptions found in section 15300.2 of the CEQA manual. However, I do not believe these criteria have been met.

A similar matter has recently been the subject of litigation concerning the city of San Diego that eventually went to the California Supreme Court (see attached Page 34). The issue in the case was whether the issuance of a permit for a Cannabis Retail business required environmental review. The court ruled the following:

".... we conclude the City erred in determining that the adoption of the Ordinance was not a project. Prior to the Ordinance, no medical marijuana dispensaries were legally permitted to operate in the City. The Ordinance therefore amended the City's zoning regulations to permit the establishment of a sizable number of **retail businesses of an entirely new type.** Although inconsistency with prior permissible land uses is not necessary for an activity to constitute a project establishment of these new businesses is capable of causing indirect physical changes in the environment. At a minimum, such a policy change could foreseeably result in new retail construction to accommodate the businesses. In addition, as UMMP suggests, the establishment of new stores could cause a citywide change in patterns of vehicle traffic from the businesses' customers, employees, and suppliers. The necessary causal connection between the Ordinance and these effects is present because adoption of the Ordinance was "an essential step culminating in action [the establishment of new businesses] which may affect the environment." The theoretical effects mentioned above are sufficiently plausible to raise the possibility that the Ordinance "may cause a reasonably foreseeable indirect physical change in the environment," warranting its consideration as a project. "

Although this case concerns the City of San Diego's determination that their ordinance was not a "project" under CEQA, a proposition the court rejected, the ruling that a Cannabis business represents a "retail business of entirely new type" and "may cause a reasonable foreseeable indirect change to the environment" requires that the city prove that no change will occur.

The Shores shopping center is unique in that it is located in a residential neighborhood. More importantly, there is no access to the center from Harbor Blvd. the major thoroughfare in the area. Instead, all traffic must enter the center by first entering the residential neighborhood. I do not recall any centers in the area that has such a traffic pattern. When entering from the south or east, you enter from Wooley Road, and when entering from the north you enter at Whitecap Street, jog onto Little Harbor in front of traffic on Whitecap and turn onto Outrigger before entering the center. These are two

exceedingly difficult intersections in normal times; at rush hour they are extremely dangerous. This is a destination business, the only cannabis shop west of Ventura Road. It will draw customers from the newly developed projects at Wooley and Harbor, the North Shores development, residents around Fifth and Victoria and renters from the new permitted STRs. These new developments have not been considered when it comes to traffic safety. The conclusion that no environmental study is necessary is not warranted either by the facts concerning this center or by the recent court ruling. It is important that the Planning Commission request a more complete environmental study of this project.

Sincerely,

Walter Hagedohm
Oxnard Shores Resident
5300 Whitecap Street

IN THE SUPREME COURT OF CALIFORNIA

UNION OF MEDICAL MARIJUANA PATIENTS, INC.,
Plaintiff and Appellant,
v.
CITY OF SAN DIEGO,
Defendant and Respondent;
CALIFORNIA COASTAL COMMISSION,
Real Party in Interest.

S238563

Fourth Appellate District, Division One
D068185

San Diego County Superior Court
37-2014-00013481-CU-TT-CTL

August 19, 2019

Chief Justice Cantil-Sakauye authored the opinion of the Court, in which Justices Chin, Corrigan, Liu, Cuéllar, Kruger and Groban concurred.

UNION OF MEDICAL MARIJUANA PATIENTS, INC.,
v. CITY OF SAN DIEGO

S238563

Opinion of the Court by Cantil-Sakauye, C. J.

The California Environmental Quality Act, Public Resources Code sections 21000 et seq. (CEQA), applies to "projects," a term defined by statute. In general, a project is an activity that (1) is undertaken or funded by, or subject to the approval of a public agency and (2) may cause "either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment." (Pub. Res. Code, § 21065.)[1] Although section 21065 supplies the definition of a project, another provision of CEQA, section 21080, subdivision (a), can be interpreted to declare specified public agency activities, including the amendment of a zoning ordinance, to be a project as a matter of law, without regard to their potential for causing a physical change in the environment. In this matter, we must decide whether to adopt this interpretation of section 21080, which would prevail over section 21065 with respect to the specific public agency activities listed in section 21080.

In 2014, the City of San Diego (City) adopted an ordinance authorizing the establishment of medical marijuana

---

[1] Unless indicated otherwise, all further statutory references are to the Public Resources Code.

dispensaries and regulating their location and operation. The central provisions of this ordinance amended various City zoning regulations to specify where the newly established dispensaries may be located. Because the City found that adoption of the ordinance did not constitute a project for purposes of CEQA, it did not conduct any environmental review. Petitioner Union of Medical Marijuana Patients (UMMP) challenged the City's failure to conduct CEQA review in a petition for writ of mandate, which was denied by the trial court.

On appeal, UMMP argued (1) the amendment of a zoning ordinance, one of the public agency activities listed in section 21080, is conclusively declared a project by that statute and (2) the City's ordinance, in any event, satisfied the definition of a project under section 21065. The former argument was premised in part on *Rominger v. County of Colusa* (2014) 229 Cal.App.4th 690 (*Rominger*), which relied on section 21080 in concluding that a county's approval of a tentative subdivision map, another activity listed in section 21080, was a project as a matter of law. Here, the Court of Appeal disagreed with *Rominger*, concluding that the amendment of a zoning ordinance is subject to the same statutory test as public agency activities not listed in section 21080. The court proceeded to find no error in the City's conclusion that the ordinance was not a project because it did not have the potential to cause a physical change in the environment. We granted review to resolve the conflict between the two Courts of Appeal regarding the interpretation of section 21080.

We agree with the Court of Appeal below that section 21080 does not override the definition of project found in

section 21065. Accordingly, the various activities listed in section 21080 must satisfy the requirements of section 21065 before they are found to be a project for purposes of CEQA. On the other hand, we conclude that the Court of Appeal misapplied the test for determining whether a proposed activity has the potential to cause environmental change under section 21065, which was established in *Muzzy Ranch Co. v. Solano County Airport Land Use Commission* (2007) 41 Cal.4th 372 (*Muzzy Ranch*), and erred in affirming the City's finding that adoption of the ordinance did not constitute a project. For that reason, we reverse and remand for further proceedings.

I. FACTUAL AND PROCEDURAL BACKGROUND

A. The City's Medical Marijuana Ordinance

Health and Safety Code section 11362.83, a provision of the Medical Marijuana Program (Health & Saf. Code, § 11362.7 et seq.), recognizes the authority of local governments to adopt ordinances regulating the "location, operation, or establishment of a medicinal cannabis cooperative or collective." (Health & Saf. Code, § 11362.83, subd. (a); see *Kirby v. County of Fresno* (2015) 242 Cal.App.4th 940, 956.) In 2014, the City enacted such a regulation, San Diego Ordinance No. O-20356 (Ordinance). The Ordinance amended a variety of City Municipal Code sections to authorize the establishment, and regulate the siting and operation of, "medical marijuana consumer cooperatives" (dispensaries), which were defined as "a facility where marijuana is transferred to qualified patients or primary caregivers in accordance with the Compassionate Use Act of 1996 and the Medical Marijuana Program Act." (Ord., § 1.)

The primary provisions of the Ordinance amended several of the City's zoning regulations to cap the number of dispensaries and specify where in the City they could be located. Dispensaries were added to the list of permitted uses in two of the City's six categories of commercial zones and two of the four categories of industrial zones (Ord., §§ 6, 7, 13, 15), and they were expressly excluded from open space, agricultural, and residential zones. (*Id.*, §§ 3, 4, 5.) Dispensaries were also added to the list of permitted uses in certain planned districts of the City. (*Id.*, §§ 10, 11, 13.) The Ordinance placed an upper limit of four dispensaries in any single city council district and required a dispensary to be located more than 1,000 feet from certain sensitive uses, such as parks and schools, and more than 100 feet from a residential zone. (*Id.*, § 8.) Regardless of location, the Ordinance required the grant of a conditional use permit for a dispensary's operation. (*Id.*, §§ 2, 6, 7, 8.)

In addition to defining the location of dispensaries, the Ordinance imposed basic conditions on their operation, such as prohibiting the provision of medical consultation services, requiring particular lighting and security, defining permissible signage, and limiting hours of operation. (Ord., § 8.)

Because the City contains nine city council districts, the Ordinance's limit of four dispensaries per district permitted, in theory, the establishment of 36 dispensaries. A study commissioned by the City, however, found that the other restrictions placed on the location of dispensaries by the Ordinance, such as the limitation to particular zoning districts and the minimum distance from sensitive uses, precluded the establishment of a dispensary entirely in one city council

district and limited two other districts to three dispensaries each. This left a practical maximum of 30 dispensaries. City planning staff concluded that the actual number of dispensaries to be created "is very likely to be significantly less," since "factors such as available units for rent, rental rates, overall demand for dispensaries, and proximity of potential sites to target markets would rule out some sites."

Because the City found CEQA inapplicable to the Ordinance's enactment, it conducted no environmental review prior to its adoption. The City's finding explained its reasoning: "The . . . Ordinance is not subject to [CEQA] . . . , in that it is not a Project . . . . Adoption of the ordinance does not have the potential for resulting in either a direct physical change in the environment, or reasonably for[e]seeable indirect physical change in the environment. Future projects subject to the ordinance will require a discretionary permit and CEQA review, and will be analyzed at the appropriate time in accordance with CEQA."

B. This Litigation

According to its President, UMMP is "a civil rights organization that is devoted to defending and asserting the rights of medical cannabis patients as well as promoting safe access to medical marijuana." Prior to adoption of the Ordinance, UMMP submitted two letters to the City Council objecting to the failure to conduct environmental review under CEQA. The letters argued that the Ordinance should have been found to be a project for purposes of CEQA because it had the potential to cause either a direct physical change in the environment or a reasonably foreseeable indirect physical change. (§ 21065.) According to UMMP, adoption of the

Ordinance could affect the environment because (1) restrictions on the siting of dispensaries would require "thousands of patients to drive across the City" to obtain medical marijuana; (2) the City might prosecute and close existing, unpermitted marijuana dispensaries, causing medical marijuana users to engage in the "inherently agricultural practice" of growing their own marijuana; and (3) "the unique development impacts associated with [dispensaries] [would be] shifted to certain areas of the City and intensified due to the limit on the total number of [dispensaries]."

After the City disregarded UMMP's arguments and adopted the Ordinance without further environmental review, UMMP filed a petition for writ of mandate challenging the adoption of the Ordinance under CEQA. The trial court, in an extensive written minute order, rejected UMMP's claims of the Ordinance's potential for causing environmental change, concluding there was insufficient evidence in the record to support those claims.

On appeal, UMMP repeated its argument that the Ordinance should have been considered a project as a result of its potential for physical change in the environment, but it raised the additional argument that the Ordinance should be deemed a project as a matter of law under section 21080, which states that CEQA "shall apply to discretionary projects proposed to be carried out or approved by public agencies, including, but not limited to, the enactment and amendment of zoning ordinances . . . ." (§ 21080, subd. (a).) In effect, UMMP argued, section 21080 classifies every zoning amendment as a project under CEQA, regardless of its potential for effecting environmental change. In a published opinion that will be

discussed in more detail *post*, the Court of Appeal rejected both arguments. (*Union of Medical Marijuana Patients, Inc. v. City of San Diego* (2016) 4 Cal.App.5th 103, 116, 119-124 (*Marijuana Patients*).) In doing so, the court expressly disagreed with the holding of *Rominger*, *supra*, 229 Cal.App.4th 690, that section 21080 declares the specified public agency activities to be CEQA projects as a matter of law. (*Rominger*, at pp. 702-703; *Marijuana Patients*, at p. 118.)

II. DISCUSSION

A. Governing Law

1. Statutory interpretation

Statutory interpretation is "an issue of law, which we review de novo." (*United Riggers & Erectors, Inc. v. Coast Iron & Steel Co.* (2018) 4 Cal.5th 1082, 1089.)

Our overriding purpose in construing a provision of CEQA, as with any statute, is "to adopt the construction that best gives effect to the Legislature's intended purpose." (*California Building Industry Assn. v. Bay Area Air Quality Management Dist.* (2015) 62 Cal.4th 369, 381 (*Building Industry*).) In determining that intended purpose, we follow "[s]ettled principles." (*Elk Hills Power, LLC v. Board of Equalization* (2013) 57 Cal.4th 593, 609 (*Elk Hills*).) "We consider first the words of a statute, as the most reliable indicator of legislative intent." (*Tuolumne Jobs & Small Business Alliance v. Superior Court* (2014) 59 Cal.4th 1029, 1037 (*Tuolumne Jobs*).) In doing so, we give the words "their usual and ordinary meaning," viewed in the context of the statute as a whole. (*Pineda v. Williams-Sonoma Stores, Inc.* (2011) 51 Cal.4th 524, 529.) As part of this process, " ' "[every]

statute should be construed with reference to the whole system of law of which it is a part so that all may be harmonized and have effect." ' " (*Elk Hills*, at p. 610.)

When the language of a statute is ambiguous — that is, when the words of the statute are susceptible to more than one reasonable meaning, given their usual and ordinary meaning and considered in the context of the statute as a whole — we consult other indicia of the Legislature's intent, including such extrinsic aids as legislative history and public policy. (*Ceja v. Rudolph & Sletten, Inc.* (2013) 56 Cal.4th 1113, 1119; *Elk Hills*, *supra*, 57 Cal.4th at pp. 609-610.) If there is no ambiguity, " ' " 'we presume the Legislature meant what it said and the plain meaning of the statute governs.' " ' " (*Ceja*, at p. 1119.)

In construing provisions of CEQA, two unique considerations apply. First, CEQA is implemented by an extensive series of administrative regulations promulgated by the Secretary of the Natural Resources Agency, ordinarily referred to as the "CEQA Guidelines."[2] (Guidelines, § 15000.) Through long practice, we "afford great weight to the Guidelines except when a provision is clearly unauthorized or erroneous under CEQA." (*Laurel Heights Improvement Assn. v. Regents of University of California* (1988) 47 Cal.3d 376, 391, fn. 2; see *Building Industry*, *supra*, 62 Cal.4th at p. 381.) Second, from CEQA's inception we have held that "the

---

[2] We will cite and refer to CEQA's implementing regulations, codified at title 14, division 6, chapter 3 of the California Code of Regulations, as the "Guidelines."

Legislature intended . . . [C]EQA to be interpreted in such manner as to afford the fullest possible protection to the environment within the reasonable scope of the statutory language." (*Friends of Mammoth v. Board of Supervisors* (1972) 8 Cal.3d 247, 259; see *Building Industry*, at p. 381.)

2. CEQA generally

"CEQA was enacted to advance four related purposes: to (1) inform the government and public about a proposed activity's potential environmental impacts; (2) identify ways to reduce, or avoid, environmental damage; (3) prevent environmental damage by requiring project changes via alternatives or mitigation measures when feasible; and (4) disclose to the public the rationale for governmental approval of a project that may significantly impact the environment." (*Building Industry*, *supra*, 62 Cal.4th at p. 382.) "CEQA embodies a central state policy to require state and local governmental entities to perform their duties 'so that major consideration is given to preventing environmental damage.' [Citations.] [¶] CEQA prescribes how governmental decisions will be made when public entities, including the state itself, are charged with approving, funding — or themselves undertaking — a project with significant effects on the environment." (*Friends of the Eel River v. North Coast Railroad Authority* (2017) 3 Cal.5th 677, 711-712, italics omitted (*Eel River*).)

"CEQA review is undertaken by a lead agency, defined as 'the public agency which has the principal responsibility for carrying out or approving a project which may have a significant effect upon the environment.' " (*Eel River*, *supra*, 3 Cal.5th at p. 712, quoting § 21067, italics omitted.)

A putative lead agency's implementation of CEQA proceeds by way of a multistep decision tree, which has been characterized as having three tiers. (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 380.) First, the agency must determine whether the proposed activity is subject to CEQA at all. Second, assuming CEQA is found to apply, the agency must decide whether the activity qualifies for one of the many exemptions that excuse otherwise covered activities from CEQA's environmental review. Finally, assuming no applicable exemption, the agency must undertake environmental review of the activity, the third tier.[3] (*Muzzy Ranch*, at pp. 380-381.) We examine the three-tier process in more detail below.

CEQA's applicability: When a public agency is asked to grant regulatory approval of a private activity or proposes to fund or undertake an activity on its own, the agency must first decide whether the proposed activity is subject to CEQA. (Guidelines, § 15060, subd. (c).) In practice, this requires the agency to conduct a preliminary review to determine whether the proposed activity constitutes a "project" for purposes of CEQA. (*Tuolumne Jobs*, *supra*, 59 Cal.4th at p. 1037; see § 21065; Guidelines, § 15378, subd. (a) [both defining

---

[3] In a very early CEQA case, *No Oil, Inc. v. City of Los Angeles* (1974) 13 Cal.3d 68, we described the three tiers differently, disregarding the project step and dividing the third tier into two parts, the preparation of an initial study and, if required, an environmental impact report (EIR). (*Id.* at p. 74.) Because the initial study and EIR are both aspects of environmental review, we find the *Muzzy Ranch* characterization more helpful in understanding CEQA's procedures.

"project".) If the proposed activity is found not to be a project, the agency may proceed without further regard to CEQA.[4] (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 380; Guidelines, § 15060, subd. (c)(3) [if a proposed activity does not qualify as a project, it "is not subject to CEQA".)

Exemption from environmental review: If the lead agency concludes it is faced with a project, it must then decide "whether the project is exempt from the CEQA review process under either a statutory exemption [citation] or a categorical exemption set forth in the CEQA Guidelines." (*Building Industry*, *supra*, 62 Cal.4th at p. 382.) The statutory exemptions, created by the Legislature, are found in section 21080, subdivision (b). Among the most important exemptions is the first, for "[m]inisterial" projects, which are defined generally as projects whose approval does not require an agency to exercise discretion. (§ 21080, subd. (b)(1); Guidelines, § 15369; see *Sierra Club v. County of Sonoma* (2017) 11 Cal.App.5th 11, 19-20 (*Sierra Club*).) The categorical exemptions, found in Guidelines sections 15300 through 15333, were promulgated by the Secretary for Natural Resources in response to the Legislature's directive to develop "a list of

---

[4] Courts have often labeled the project decision "jurisdictional" because it determines whether CEQA applies at all. (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 380; *Davidon Homes v. City of San Jose* (1997) 54 Cal.App.4th 106, 112.) The term is inapposite because an agency's jurisdiction over a proposed activity does not depend upon the application of CEQA. Nonetheless, its use conveys the preliminary nature of the project determination.

classes of projects which have been determined not to have a significant effect on the environment." (§ 21084, subd. (a); Guidelines, § 15354; see generally, *Berkeley Hillside Preservation v. City of Berkeley* (2015) 60 Cal.4th 1086, 1100-1101 (*Berkeley Hillside*).) If the lead agency concludes a project is exempt from review, it must issue a notice of exemption citing the evidence on which it relied in reaching that conclusion. (*Muzzy Ranch*, *supra*, 41 Cal.4th at pp. 380, 386-387.) The agency may thereafter proceed without further consideration of CEQA.

Environmental review: Environmental review is required under CEQA only if a public agency concludes that a proposed activity is a project and does not qualify for an exemption. In that case, the agency must first undertake an initial study to determine whether the project "may have a significant effect on the environment." (Guidelines, § 15063, subd. (a); *Friends of the College of San Mateo Gardens v. San Mateo County Community College Dist.* (2016) 1 Cal.5th 937, 945 (*San Mateo Gardens*).) If the initial study finds no substantial evidence that the project may have a significant environmental effect, the lead agency must prepare a negative declaration, and environmental review ends. (§ 21080, subd. (c)(1); *San Mateo Gardens*, at p. 945.) If the initial study identifies potentially significant environmental effects but (1) those effects can be fully mitigated by changes in the project and (2) the project applicant agrees to incorporate those changes, the agency must prepare a *mitigated* negative declaration. This too ends CEQA review. (§ 21080, subd. (c)(2); *San Mateo Gardens*, at p. 945.) Finally, if the initial study finds substantial evidence that the project may have a significant environmental impact and a

mitigated negative declaration is inappropriate, the lead agency must prepare and certify an environmental impact report before approving or proceeding with the project. (§ 21080, subd. (d); *Building Industry*, *supra*, 62 Cal.4th at p. 382.)

3. The Court of Appeal's decision

At issue before the Court of Appeal was the first tier in the CEQA process, the determination by a putative lead agency whether a proposed activity constitutes a project. In particular, the court was asked to decide whether a public agency's amendment of a zoning ordinance constitutes a project as a matter of law.

As suggested *ante*, two separate provisions of the Public Resources Code are potentially relevant to this question. "Project" is defined in section 21065 as an activity (1) undertaken or funded by or requiring the approval of a public agency that (2) "may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment."[5] (See *Sunset*

---

[5] The full text of section 21065 follows:

" 'Project' means an activity which may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and which is any of the following:

"(a) An activity directly undertaken by any public agency.

"(b) An activity undertaken by a person which is supported, in whole or in part, through contracts, grants, subsidies, loans, or other forms of assistance from one or more public agencies.

Sky Ranch Pilots Assn. v. County of Sacramento (2009) 47 Cal.4th 902, 907 (*Sky Ranch Pilots*).) The controversy arises because a related statute, section 21080, can be interpreted to override section 21065 with respect to the classification of zoning ordinance amendments and certain other public agency activities: "Except as otherwise provided in this division, this division shall apply to discretionary *projects* proposed to be carried out or approved by public agencies, *including, but not limited to, the enactment and amendment of zoning ordinances,* the issuance of zoning variances, the issuance of conditional use permits, and the approval of tentative subdivision maps unless the project is exempt from this division." (§ 21080, subd. (a), italics added.) As UMMP argued, this language can be read to classify the various listed agency activities as "discretionary projects" in every case, regardless of their potential for bringing about a physical change in the environment.

The Court of Appeal rejected UMMP's argument that "*any* enactment of a zoning ordinance by a public agency *necessarily* constitutes a project." (*Marijuana Patients*, *supra*, 4 Cal.App.5th at p. 114.) The court began its analysis by concluding that section 21080's listing of various local agency activities is ambiguous. As the court viewed it, the Legislature could have intended either "that the examples given . . . are illustrations of activities that are 'discretionary projects

---

"(c) An activity that involves the issuance to a person of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies."

proposed to be carried out or approved by public agencies,' *or* . . . are illustrations of activities 'proposed to be carried out or approved by public agencies,' but that not all such activities will qualify as 'discretionary projects.' " (*Marijuana Patients*, at p. 115.) The court rejected the first reading on the basis of section 21065. It noted that section 21065 defines a project as having two characteristics, the potential to cause a physical change in the environment and the involvement of a public agency. To harmonize the "more specific provision" of section 21065 with the "more general provision" of section 21080, the court held that the "most reasonable interpretation" of section 21080, subdivision (a), is that the various listed public agency activities are examples of " '[a]n activity directly undertaken by any public agency' as set forth in section 21065, but that the enactment or amendment of a zoning ordinance will not constitute a CEQA project unless it *also* meets the second requirement in section 21065, namely that it 'may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.' " (*Marijuana Patients*, at p. 116.)

The court found support for its interpretation in Guidelines section 15378. (*Marijuana Patients*, *supra*, 4 Cal.App.5th at p. 116.) As noted above, the Guidelines are "afford[ed] great weight" in interpreting CEQA. (*Building Industry*, *supra*, 62 Cal.4th at p. 381.) In defining "project," Guidelines section 15378, subdivision (a)(1) partially melds sections 21065 and 21080: " 'Project' means the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and

that is any of the following: [¶] (1) An activity directly undertaken by any public agency including but not limited to public works construction and related activities[,] clearing or grading of land, improvements to existing public structures, enactment and amendment of zoning ordinances, and the adoption and amendment of local General Plans or elements thereof . . . ."[6] Although Guidelines section 15378 includes an express reference to the enactment or amendment of a zoning ordinance, it classifies those activities merely as examples of "activit[ies] directly undertaken by any public agency." (*Id.*, subd. (a)(1).) The requirement that an activity have the potential to cause a change in the environment is classified by

---

[6] The complete text of Guidelines section 15378, subdivision (a), is as follows:

" 'Project' means the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and that is any of the following:

"(1) An activity directly undertaken by any public agency including but not limited to public works construction and related activities[,] clearing or grading of land, improvements to existing public structures, enactment and amendment of zoning ordinances, and the adoption and amendment of local General Plans or elements thereof pursuant to Government Code Sections 65100-65700.

"(2) An activity undertaken by a person which is supported in whole or in part through public agency contracts, grants, subsidies, loans, or other forms of assistance from one or more public agencies.

"(3) An activity involving the issuance to a person of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies."

Guidelines section 15378 as an independent element of "project," applicable whether or not the activity is listed in section 21080. "Thus," the Court of Appeal concluded, "under the CEQA Guidelines, the enactment and amendment of a zoning ordinance is a project *only if* that action *also* creates 'a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.' " (*Marijuana Patients*, *supra*, at p. 116.)

The Court of Appeal rejected the contrary conclusion of *Rominger*, *supra*, 229 Cal.App.4th 690, because that court's "analysis ignores the definition of a project as set forth in CEQA and the CEQA Guidelines." (*Marijuana Patients*, *supra*, 4 Cal.App.5th at p. 118.) *Rominger*, in holding that a county's approval of a tentative subdivision map constituted a project as a matter of law under section 21080, did not base its ruling on an analysis of the respective texts of sections 21065 and 21080. Rather, it looked to our observation in *Muzzy Ranch*, *supra*, 41 Cal.4th 372, that "[w]hether an activity constitutes a project subject to CEQA is a categorical question respecting whether the activity is of a general kind with which CEQA is concerned, without regard to whether the activity will actually have environmental impact." (*Id.* at p. 381.) Taking this principle as its guide, *Rominger* concluded that "the Legislature has determined [in section 21080, subdivision (a)] that certain activities, including the approval of tentative subdivision maps, *always* have at least the *potential* to cause a direct physical change or a reasonably foreseeable indirect physical change in the environment." (*Rominger*, at p. 702.) In reaching this conclusion, *Rominger* did not, as *Marijuana*

Patients rightly noted, take into account the language of section 21065 or otherwise attempt to reconcile the two statutes.

Having held that the Ordinance was not a project unless it had the potential to cause a direct or reasonably foreseeable indirect physical change in the environment, as required by section 21065, the Court of Appeal proceeded to consider UMMP's argument that the City erred in concluding that the Ordinance did not have that potential. (*Marijuana Patients*, *supra*, 4 Cal.App.5th at p. 119.) UMMP effectively conceded that the Ordinance did not have the potential to cause a direct physical change (*Marijuana Patients*, at p. 113), but it contended, as noted above, that the Ordinance had the potential to cause various indirect effects, namely, increased traffic from patients driving to the new dispensaries, increased self-cultivation of marijuana, and changed patterns of urban development within the City. (*Marijuana Patients*, at p. 120.) After evaluating each of the claimed indirect effects individually, the court concluded that all were too speculative or lacking in evidentiary support in the administrative record to permit a finding that they were reasonably foreseeable, as required by section 21065. (*Marijuana Patients*, at pp. 120-124.) Finding no error in the City's determination that CEQA was inapplicable, the Court of Appeal affirmed the trial court's denial of a writ of mandate. (*Marijuana Patients*, at p. 124.)

B. Whether Section 21080 Conclusively Declares the Amendment of a Zoning Ordinance To Be a CEQA "Project"

We agree with the Court of Appeal that section 21080 does not dictate the result here as a matter of law, and we agree for essentially the reasons cited by that court.[7]

As the Court of Appeal concluded, section 21080's statement that CEQA applies to "discretionary projects proposed to be carried out or approved by public agencies," followed by its listing of the amendment of a zoning ordinance as an example, is ambiguous, at least when considered in isolation. It is unclear from the text of section 21080 whether the amendment of a zoning ordinance, as well as the other listed activities, are examples of "discretionary projects" to

---

[7] The City urges us to dismiss this appeal as moot on the basis of Business and Professions Code section 26055, subdivision (h), enacted after we granted review (Stats. 2017, ch. 27, § 41), which exempts from CEQA a public agency's enactment of any regulation that requires discretionary review of licenses to engage in "commercial cannabis activity." The City does not argue that subdivision (h) applies retroactively to exempt the Ordinance from CEQA, and we offer no opinion on that issue. Instead, the City contends that UMMP can no longer be granted effective relief because the City could re-enact the Ordinance without environmental review. (See *In re David B.* (2017) 12 Cal.App.5th 633, 644 [a matter becomes moot if effective relief can no longer be granted].) We reject the argument because the trial court can still grant some of the relief requested by UMMP by vacating the City's approval of the Ordinance, if such relief is appropriate. (See *Save Tara v. City of West Hollywood* (2008) 45 Cal.4th 116, 127 [matter not moot because petitioner "can still be awarded the relief it seeks, an order that [the] [c]ity set aside its approvals"].)

which CEQA *does* apply, or whether they are examples of discretionary activities "proposed to be carried out or approved by public agencies" to which CEQA *might* apply.

When interpreting the provisions of CEQA, however, we do not consider them in isolation, but in the context of the entire statute. (*Tuolumne Jobs, supra,* 59 Cal.4th 1029, 1037.) Within CEQA, "project" is not merely a word; it is a defined term. " 'If the Legislature has provided an express definition of a term, that definition ordinarily is binding on the courts.' " (*State ex rel. Dept. of California Highway Patrol v. Superior Court* (2015) 60 Cal.4th 1002, 1011.) As a corollary of this principle, "[t]erms defined by the statute in which they are found will be presumed to have been used in the sense of the definition." (*Faulder v. Mendocino County Bd. of Supervisors* (2006) 144 Cal.App.4th 1362, 1371.) In the case of CEQA, this judicial presumption is legislatively mandated. Section 21060 expressly states that CEQA's definitions "govern the construction of this division."

Applying this principle of interpretation, we must assume that in using the defined term "project" in section 21080, the Legislature intended it to bear the definition assigned in section 21065. Accordingly, the first portion of section 21080, subdivision (a) — "Except as otherwise provided in this division, this division shall apply to discretionary projects proposed to be carried out or approved by public agencies" — must be understood to mean that CEQA applies to activities proposed to be carried out or approved by a public agency that both (1) are discretionary and (2) satisfy the requirements for a project under section 21065. Although all of the exemplary activities listed in section 21080 necessarily

satisfy section 21065's requirement of public agency involvement, there is no reason to conclude that they invariably satisfy its requirement of the potential to cause a physical change in the environment. For that reason, we must interpret the listing of public agency activities in section 21080, subdivision (a), merely to offer generic examples of the type of "discretionary [activities] proposed to be carried out or approved by public agencies" to which CEQA *could* apply. CEQA *does* apply only to activities that qualify as projects — in other words, to specific examples of the listed activities that have the potential to cause, directly or indirectly, a physical change in the environment.

UMMP has not suggested any reason why the ordinary presumption requiring a defined term to carry that meaning should not apply in these circumstances, and we aware of none. As noted, the definition in section 21065 is legislatively mandated to apply to section 21080, as well as to the remainder of CEQA. (§ 21060.) Nothing in section 21080 suggests that the Legislature intended to exempt the listed activities from satisfying the requirements for a project. On the contrary, its use of the defined term "project," rather than a generic term such as "activity," suggests that the Legislature intended to incorporate the defined concept. Finally, using the defined meaning does not result in an absurdity or otherwise impair the enforcement of CEQA. It simply confirms that the public agency activities listed in section 21080 must satisfy the same requirement applicable to nonlisted activities before they are subject to CEQA, the requirement of potential for physical change in the environment. (See § 21065.)

Because the plain language of section 21080 is unambiguous when evaluated in context, it is unnecessary for us to consider other indicia of meaning. Yet it is worth noting that other available indicia support our interpretation. First and most important, as the Court of Appeal recognized, our interpretation is consistent with that of the Secretary for Natural Resources in the Guidelines, to which we must "afford great weight." (*Building Industry*, *supra*, 62 Cal.4th at p. 381.) In defining "project," the Guidelines impose the requirement of a potential for causing a physical change in the environment on all public agency activities. (Guidelines, § 15378, subd. (a).) Although Guidelines section 15378 mentions enactment and amendment of a zoning ordinance, activities also mentioned in section 21080, it cites those activities merely as examples of activities "directly undertaken by any public agency" (§ 15378, subd. (a)(1)), a usage equivalent to our understanding of the significance of the list of activities in section 21080. Guidelines section 15378 does not suggest that the enactment or amendment of a zoning ordinance constitutes a project without regard to its potential for causing environmental change.

Policy considerations favor this interpretation as well. Finding a proposed activity subject to CEQA can lead to additional costs, in time and money, for both a public agency and a private applicant. (*Sky Ranch Pilots*, *supra*, 47 Cal.4th 902, 909.) As section 21065 recognizes, there is no reason to impose those costs by subjecting a proposed activity to CEQA if the activity does not have the potential to affect the environment. Declaring all of the activities listed in section 21080 to be a project would necessarily subject them to these

incremental costs without regard to their potential for causing an environmental impact.

The legislative history of sections 21065 and 21080 also supports our conclusion. As originally enacted, section 21065 defined "project" merely as an activity undertaken, financed or subject to approval by a government agency, using the text now contained in subdivisions (a) through (c) of the statute. (Stats. 1972, ch. 1154, § 1, pp. 2271-2272.) The statute did not contain the further requirement that a proposed activity have the potential to cause environmental change. At that time, section 21080, subdivision (a) was materially identical to its present text. (Stats. 1972, ch. 1154, § 1, p. 2272.) Accordingly, the local government activities listed in section 21080 necessarily constituted examples of "projects," since all land use regulations and approvals constituted projects under the version of section 21065 in effect at the time.[8] In 1994, section 21065 was amended to its present form, limiting "projects" to governmental activities that posed the possibility of an environmental effect. (Stats. 1994, ch. 1230, § 4, p. 7682.) The purpose of the amendment was to "prohibit CEQA from being used to delay or kill [activities] that have no direct or indirect effect on the environment" by narrowing the definition of project. (Assem. Natural Resources Com., Republican Analysis of Sen. Bill No. 749 (1993-1994 Reg. Sess.) Aug. 22, 1994, p. 1.)

---

[8] The significance of the list in section 21080 was presumably to classify the activities as "discretionary" projects, which made them ineligible for the ministerial exemption under section 21080, subdivision (b).

To continue to treat all of the activities listed in section 21080 as "projects" following this amendment of section 21065, regardless of their potential for producing an environmental change, would entirely defeat the narrowing purpose of the amendment, at least as far as the listed activities are concerned.

The *Rominger* court, in holding that section 21080 declared all tentative subdivision map approvals to be projects, explained its reasoning in part by noting, "Presumably no one goes to the trouble of subdividing property just for the sake of the process; the goal of subdividing property is to make that property more useable. And with the potential for greater or different use comes the potential for environmental impacts from that use." (*Rominger*, *supra*, 229 Cal.App.4th at p. 702.) Even assuming this to be true with respect to tentative subdivision maps, the rationale supports *Rominger*'s statutory interpretation only if the same logic also holds for the other public agency activities listed in section 21080. It does not. As amici curiae League of California Cities and California State Association of Counties point out, many types of local government regulations are labeled "zoning ordinances," covering a wide range of regulatory subjects. Whether the enactment or amendment of a regulation denominated a "zoning ordinance" carries the potential for environmental change depends entirely on the nature of the particular regulation. A potential environmental effect cannot be presumed solely from the label applied to it. The same point applies with equal force to the two other activities listed in section 21080, zoning variances and conditional use permits. Neither can reliably be presumed to have the potential to

create environmental change. To subject such activities to CEQA as a matter of course serves no obvious public policy purpose.

It might be objected that this interpretation of section 21080, subdivision (a), strips the provision of its legal significance, rendering it surplusage (e.g., *Berkeley Hillside*, *supra*, 60 Cal.4th 1086, 1097 [we should avoid "interpretations that render any language surplusage"]), but that argument misunderstands the significance of section 21080 within CEQA. Section 21080, subdivision (a) establishes that CEQA applies to activities proposed to be carried out or approved by a public agency that are (1) discretionary and (2) satisfy the requirements for a project. This limitation to activities requiring the exercise of agency discretion is not otherwise reflected in CEQA, at least as stated in the affirmative. The only other statutory reference occurs by negative inference from the exemption for ministerial activities, which are defined as activities *not* requiring an agency's exercise of discretion. (*Sierra Club*, *supra*, 11 Cal.App.5th at pp. 19-20.) Not by coincidence, this exemption is contained in subdivision (b)(1) of section 21080, the subdivision immediately following the statute's reference to "discretionary projects."[9] Because it establishes the requirement of discretionary agency action, section 21080, subdivision (a) retains a legal significance

---

[9] As originally enacted, section 21080 consisted of the present text of subdivision (a) and a single exemption, the ministerial exemption, which was codified as subdivision (b). (Stats. 1972, ch. 1154, § 1, p. 2272.)

independent of its purported classification of the agency activities it specifies.

UMMP relies on *Rominger*, *supra*, 229 Cal.App.4th 690, in arguing that our decision in *Muzzy Ranch*, *supra*, 41 Cal.4th 372, dictates the conclusion that section 21080 declares the listed public agency activities to be a project as a matter of law. Again, we do not agree. *Muzzy Ranch* did not address, or even purport to consider, the question before us. Because the activity of concern in *Muzzy Ranch* was a local agency's approval of a land use compatibility plan (*Muzzy Ranch*, at p. 378), an activity not mentioned in section 21080, we had no reason to construe that statute, and the decision mentions section 21080 only once, in a general discussion of statutory exemptions. (*Muzzy Ranch*, at p. 380.) *Muzzy Ranch* is in no way binding in the present circumstances.[10]

We recognize that the *Muzzy Ranch* observation cited by *Rominger*, "[w]hether an activity constitutes a project subject to CEQA is a *categorical question* respecting whether the activity is of a *general kind* with which CEQA is concerned," may be interpreted to suggest that certain types of activities can be considered projects as a matter of law. (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 381, italics added.) Yet the decision does not so state. Other than its particular choice of phrase,

---

[10] For reasons stated in the text, we disapprove *Rominger v. County of Colusa*, *supra*, 229 Cal.App.4th 690, to the extent it holds that the various public agency activities listed in section 21080, subdivision (a), are conclusively declared to be CEQA projects.

there is no indication in *Muzzy Ranch* that the description of the project decision as a "categorical question" was intended to imply that entire categories of local governmental activities may be deemed projects, without consideration of their individual substance. Instead, as discussed further below, that characterization was intended to convey the relatively abstract and preliminary nature of the project decision.

C. Whether the Ordinance Is the Sort of Activity That May Cause a Direct or Indirect Physical Change in the Environment

Because we conclude that section 21080 does not declare every zoning amendment to be a CEQA project as a matter of law, we must, like the Court of Appeal, review the City's conclusion that the Ordinance did not qualify as a project under section 21065. On this issue, we part ways with the Court of Appeal.

The governing decision is *Muzzy Ranch*, *supra*, 41 Cal.4th 372. The lead agency in *Muzzy Ranch* was a Solano County commission (commission) established to regulate land uses associated with county airports. (*Id.* at p. 378.) The activity of concern was the commission's adoption of the Travis Air Force Base land use compatibility plan (TALUP), which set out model land use policies for portions of the county neighboring the military air base. The policies were designed " 'to ensure that future land uses in the surrounding area will be compatible with the realistically foreseeable, ultimate potential aircraft activity at the base.' " (*Ibid.*) The *Muzzy Ranch* plaintiff was particularly concerned with the TALUP's model policy for a 600-square-mile area exposed to low altitude overflights by aircraft using the base. The policy, which did

not apply to developed areas within existing city limits, "purport[ed] to restrict residential development within [areas subject to overflights] to levels currently permitted under existing general plans and zoning regulations. Specifically, the TALUP state[d] that '[n]o amendment of a general plan land use policy or land use map designation and no change of zoning shall be permitted if such amendment or change would allow more dwelling units in the affected area than are allowed under current zoning.' " (*Muzzy Ranch*, at p. 379.)

In approving the TALUP, the commission initially adopted a resolution finding that the approval was not a project under CEQA because the TALUP would not cause a direct or reasonably foreseeable indirect physical change in the environment. (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 378.) Five days later, the commission also adopted a CEQA notice of exemption, finding that the TALUP's adoption "created '[n]o possibility of significant effect on the environment.' " (*Id.* at p. 379.) *Muzzy Ranch* reviewed both the commission's conclusion that TALUP's approval was not a project and its finding that, if a project, the approval was exempt from environmental review.

As noted above, we began our discussion of the TALUP's status as a project by observing, "Whether an activity constitutes a project subject to CEQA is a categorical question respecting whether the activity is of a general kind with which CEQA is concerned, without regard to whether the activity will actually have environmental impact." (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 381.) Because there was no question the commission's approval satisfied section 21065's requirement of public agency involvement, we addressed only "whether the

Commission's adoption of the TALUP is the sort of activity that may cause a direct physical change or a reasonably foreseeable indirect physical change in the environment." (*Muzzy Ranch*, at p. 382.)

On this issue, the plaintiff contended that the TALUP's limitation of development in the relevant area to existing approved levels could cause intensified development in other parts of the county, a phenomenon referred to as "displaced development." (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 382.) The commission responded that such effects were "inherently too speculative to be considered a reasonably foreseeable effect of an airport land use compatibility plan." (*Ibid.*) We began our analysis by recognizing that "no California locality is immune from the legal and practical necessity to expand housing due to increasing population pressures." (*Id.* at p. 383.) Given this expectation of growth, we reasoned that a local agency "may reasonably anticipate that its placing a ban on development in one area of a jurisdiction may have the consequence, notwithstanding existing zoning or land use planning, of displacing development to other areas of the jurisdiction." (*Ibid.*) On that reasoning alone, we held that the TALUP's approval might cause a reasonably foreseeable indirect physical change in the environment and therefore constituted a project. (*Ibid.*)

Our analysis of the commission's notice of exemption was quite different. In finding the TALUP exempt from environmental review, the commission relied on the "commonsense" exemption of the Guidelines, which applies "[w]here it can be seen with certainty that there is no possibility that the activity in question may have a significant

effect on the environment." (Guidelines, § 15061, subd. (b)(3).) In contrast to the decision under section 21065, which we treated as an issue of law, *Muzzy Ranch* held that the TALUP's eligibility for the commonsense exemption "presents an issue of fact, and . . . the agency invoking the exemption has the burden of demonstrating it applies." (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 386.) Applying this standard of review, we held that the commission correctly found that the commonsense exemption applied, notwithstanding our conclusion that the TALUP's *possible* environmental impact was sufficient to require its treatment as a project. As we reasoned, "When approving a project that is consistent with a community plan, general plan, or zoning ordinance for which an environmental impact report already has been certified, a public agency need examine only those environmental effects that are peculiar to the project and were not analyzed or were insufficiently analyzed in the prior environmental impact report." (*Id.* at pp. 388-389.) In restricting growth in areas of the county affected by overflights, the TALUP merely incorporated limits already imposed by existing general plan and zoning provisions. (*Id.* at p. 389.) As a result, "any potential displacement the TALUP might otherwise have effected already has been caused by the existing land use policies and zoning regulations to which the TALUP is keyed." (*Ibid.*)

Under *Muzzy Ranch*, a local agency's task in determining whether a proposed activity is a project is to consider the potential environmental effects of undertaking the type of activity proposed, "without regard to whether the activity will actually have environmental impact." (*Muzzy*

Ranch, *supra*, 41 Cal.4th at p. 381.) Applying this test, our discussion of the TALUP's status as a project was brief and straightforward. We made no reference to any evidence in the record bearing on the *actual* impact of the TALUP on development in Solano County. Instead, the decision restricted itself to an examination of the potential effects that could reasonably be anticipated from adopting a land use policy of the type contained in the TALUP. Reasoning that population growth and resulting development can be anticipated in California counties, and that a policy capping development in one area might be expected to divert this growth to other areas of a county, we found the TALUP to be the sort of activity that could result in a physical change in the environment. (*Id.* at p. 383.)

To encapsulate the *Muzzy Ranch* test, a proposed activity is a CEQA project if, by its general nature, the activity is capable of causing a direct or reasonably foreseeable indirect physical change in the environment. This determination is made without considering whether, under the specific circumstances in which the proposed activity will be carried out, these potential effects will actually occur. Consistent with this standard, a "reasonably foreseeable" indirect physical change is one that the activity is capable, at least in theory, of causing. (Guidelines, § 15064, subd. (d)(3).) Conversely, an indirect effect is not reasonably foreseeable if there is no causal connection between the proposed activity and the suggested environmental change or if the postulated causal mechanism connecting the activity and the effect is so attenuated as to be "speculative." (*Ibid.*; e.g., *City of Livermore v. Local Agency Formation Com.* (1986) 184 Cal.App.3d 531, 541-543

[amendment of local agency formation commission guidelines to permit urban development outside cities constitutes a project]; *Kaufman & Broad-South Bay, Inc. v. Morgan Hill Unified School Dist.* (1992) 9 Cal.App.4th 464, 474 [creation of a Mello-Roos district for the purposes of funding an anticipated future school system in an undeveloped portion of the city not a project because "the causal link between the [formation of the district] and the alleged environmental impact (construction of new schools) is missing"].)

The somewhat abstract nature of the project decision is appropriate to its preliminary role in CEQA's three-tiered decision tree. Determination of an activity's status as a project occurs at the inception of agency action, presumably before any formal inquiry has been made into the actual environmental impact of the activity. The question posed at that point in the CEQA analysis is not whether the activity will affect the environment, or what those effects might be, but whether the activity's potential for causing environmental change is sufficient to justify the further inquiry into its actual effects that will follow from the application of CEQA. If the proposed activity is the sort that is capable of causing direct or reasonably foreseeable indirect effects on the environment, some type of environmental review is justified, and the activity must be deemed a project. CEQA analysis is then undertaken to evaluate the likelihood and nature of the project's environmental impacts, in order to determine the extent of environmental review required.

Only as so understood is the nature of the project decision consistent with the scope of appellate review. As noted, we evaluate that decision as a question of law, rather

than fact, to be decided on "undisputed data in the record on appeal." (*Muzzy Ranch, supra,* 41 Cal.4th at p. 382; see *San Mateo Gardens, supra,* 1 Cal.5th at p. 952 [whether an activity constitutes a project under CEQA is "a predominantly legal question"].) Given the often disputed nature of the real-world environmental impacts of a typical project and the discretion invested in an agency to make related factual findings, the environmental effects of a proposed activity can be reviewed as a matter of law only if the analysis is restricted to the effects that the activity is capable of causing, rather than those it actually will cause if implemented.

Our understanding of *Muzzy Ranch* is therefore somewhat different from *Rominger*'s understanding, which UMMP urges here. UMMP argues that *Muzzy Ranch*'s reference to "a categorical question respecting whether the activity is of a general kind with which CEQA is concerned" (*Muzzy Ranch, supra,* 41 Cal.4th at p. 381) makes it unnecessary to consider the substance of a proposed activity. Instead, UMMP argues, it is sufficient to know the nature of the agency action involved — for example, approval of a zoning amendment or of a permit for private land development. On the contrary, as our discussion demonstrates, *Muzzy Ranch* clearly requires a public agency to consider the substance of a proposed activity in determining its status as a project. What need not be considered is the activity's actual impact in the specific circumstances presented. As *Muzzy Ranch* noted, the analysis is conducted "without regard to whether the activity will *actually* have environmental impact." (*Ibid.*, italics added.) Similarly irrelevant is the specific type of governmental action required, so long as the proposed activity

satisfies one of the criteria for governmental involvement established in section 21065, subdivisions (a) through (c).[11]

Applying the foregoing test, we conclude the City erred in determining that the adoption of the Ordinance was not a project. Prior to the Ordinance, no medical marijuana dispensaries were legally permitted to operate in the City. The Ordinance therefore amended the City's zoning regulations to permit the establishment of a sizable number of retail businesses of an entirely new type. Although inconsistency with prior permissible land uses is not necessary for an activity to constitute a project (see *Muzzy Ranch*, *supra,* 41 Cal.4th at p. 388), establishment of these new businesses is capable of causing indirect physical changes in the environment. At a minimum, such a policy change could foreseeably result in new retail construction to accommodate the businesses. In addition, as UMMP suggests, the establishment of new stores could cause a citywide change in patterns of vehicle traffic from the businesses' customers, employees, and suppliers. The necessary causal connection between the Ordinance and these effects is present because adoption of the Ordinance was "an essential step culminating in action [the establishment of new

---

[11] The characterization of the project decision in *Muzzy Ranch* as a "categorical question" derives from the description of the relevant question as whether "the activity is of a *general kind* with which CEQA is concerned." (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 381, italics added.) Given the demonstrated potential for confusion in using the term, however, we now refrain from characterizing the project decision as a "categorical question." This will also avoid any confusion with "categorical exemptions," an unrelated concept.

businesses] which may affect the environment." (*Fullerton Joint Union High School Dist. v. State Board of Education* (1982) 32 Cal.3d 779, 797 (*Fullerton*).) The theoretical effects mentioned above are sufficiently plausible to raise the possibility that the Ordinance "may cause . . . a reasonably foreseeable indirect physical change in the environment" (§ 21065), warranting its consideration as a project.

Although UMMP raised these potential effects in the Court of Appeal, as well as other, less plausible effects, it framed them in the context of the specific circumstances it claimed to prevail in the City, hypothesizing various City-specific reasons why the Ordinance might indirectly produce physical changes. The Court of Appeal understandably rejected these specific impacts as speculative, given the absence of any evidence to support their occurrence. For the reasons discussed above, however, both UMMP's framing of the arguments in this manner and the court's rejection of them put the cart before the horse. The likely *actual* impact of an activity is not at issue in determining its status as a project.[12]

---

[12] The Court of Appeal misunderstood its task in reviewing the City's decision. Although the court noted *Muzzy Ranch*'s characterization of the project decision as requiring a "categorical approach," it ultimately described the required analysis in a very different way. Quoting *Wal-Mart Stores, Inc. v. City of Turlock* (2006) 138 Cal.App.4th 273, 290-291, the court held, " 'The correct analysis of the relevant physical change in the environment involves a comparison of (1) the physical conditions that existed at the time the Ordinance was proposed or approved with (2) forecasts of reasonably foreseeable future conditions that may occur as a result of the adoption of the Ordinance.' " (*Marijuana Patients, supra,*

Further, at this stage of the CEQA process virtually any postulated indirect environmental effect will be "speculative" in a legal sense — that is, unsupported by evidence in the record (e.g., *People v. Murtishaw* (2011) 51 Cal.4th 574, 591 ["defendant's claim . . . is entirely speculative, for he points to nothing in the record that supports his claim"]) — because little or no factual record will have been developed. A lack of support in the record, however, does not prevent an agency from considering a possible environmental effect at this initial stage of CEQA analysis. Instead, such an effect may be rejected as speculative only if, as noted above, the postulated causal mechanism underlying its occurrence is tenuous.

Finally, the City argues, in passing, that environmental review would be more appropriate at the time each dispensary applies for a conditional use permit, which is required by the Ordinance for operation of a dispensary. We withhold comment on the significance of this argument for tiers two and three of the CEQA decision tree, but we note that the requirement of individual use permits does not prevent the Ordinance from being considered a project if section 21065 is otherwise satisfied. As we observed in *Fullerton*, *supra*,

---

4 Cal.App.5th 103, 120.) The test quoted from *Wal-Mart*, however, was not intended to govern the project decision but instead concerned the application of Guidelines section 15183, which permits "a streamlined environmental review for qualifying projects that are consistent with a general plan for which an EIR was certified." (*Wal-Mart*, *supra*, at p. 286; see *id.* at pp. 286-288.) The project decision never arose in *Wal-Mart* because the court assumed that the activity under consideration was a project. (*Id.* at p. 286.)

32 Cal.3d at page 795, a local agency "cannot argue" that approval of a regulation is not a project "merely because further decisions must be made" before the activities directly causing environmental change will occur. The City argues that too little is known about the environmental impact of the Ordinance to permit effective environmental review at this stage, but that argument conflates the various tiers of CEQA review. (*Muzzy Ranch*, *supra*, 41 Cal.4th at p. 383 ["That further governmental decisions need to be made before a land use measure's actual environmental impacts can be determined with precision does not necessarily prevent the measure from qualifying as a project"].) At this initial tier in the CEQA process, the potential of the Ordinance to cause an environmental change requires the City to treat it as a project and proceed to the next steps of the CEQA analysis.

It ultimately might prove true that, in the context of the City, the actual environmental effects of the Ordinance will be minimal. It is possible, as the Court of Appeal assumed, that the City's commercial vacancy rate is sufficient to provide retail space for the new businesses without the need for expansion. (*Marijuana Patients*, *supra*, 4 Cal.App.5th at p. 123 [dispensaries "could simply cho[o]se to locate in available commercial space in an existing building"].) It is also possible, as UMMP suggests, that a significant number of unlicensed businesses selling medical marijuana already exist in the City and that the newly licensed businesses will simply displace them. Rather than causing increased traffic and other activity, the net effect of this substitution might be little or no additional environmental burden on the City. All of these factors can be explored in the second and, if warranted, third

tiers of the CEQA process. As to those tiers, we are in no position to offer, and do not express, an opinion on the applicability of the various exemptions or, alternatively, the appropriate level of environmental review.

III. DISPOSITION

The judgment of the Court of Appeal is reversed. That court is directed to vacate the order of the superior court denying a writ of mandate and to remand the case to the trial court for further proceedings consistent with this opinion.

CANTIL-SAKAUYE, C. J.

We Concur:

CHIN, J.
CORRIGAN, J.
LIU, J.
CUÉLLAR, J.
KRUGER, J.
GROBAN, J.

See next page for addresses and telephone numbers for counsel who argued in Supreme Court.

Name of Opinion Union of Medical Marijuana Patients, Inc. v. City of San Diego

---

Unpublished Opinion
Original Appeal
Original Proceeding
Review Granted XXX 4 Cal.App.5th 103
Rehearing Granted

Opinion No. S238563
Date Filed: August 19, 2019

Court: Superior
County: San Diego
Judge: Joel R. Wohlfeil

Counsel:

Channel Law Group, Jamie T. Hall and Julian Killen Quattlebaum for Plaintiff and Appellant.

Jan I. Goldsmith and Mara W. Elliott, City Attorneys, George F. Schaefer, Assistant City Attorney, Glenn T. Spitzer and M. Travis Phelps, Deputy City Attorneys, for Defendant and Respondent.

Best Best & Krieger, Michelle Ouellette, Charity Schiller and Sarah E. Owsowitz for League of California Cities and California State Association of Counties as Amici Curiae on behalf of Defendant and Respondent.

No appearance for Real Party in Interest.

Counsel who argued in Supreme Court (not intended for publication with opinion):

Jamie T. Hall
Channel Law Group
8383 Wilshire Boulevard, Suite 750
Beverly Hills, CA 90211
(310) 982-1760

Julian K. Quattlebaum
Channel Law Group
8383 Wilshire Boulevard, Suite 750
Beverly Hills, CA 90211
(310) 982-1760

M. Travis Phelps
Deputy City Attorney
Office of the City Attorney
1200 Third Avenue, Suite 1100
San Diego, CA 92101-4100
(619) 533-5800

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] NO CANNABIS STORE AT OXNARD SHORES

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 12:32 PM
To: Ted Kuepper <tke@isle.net>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Ted,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 12:22 PM Ted Kuepper <tke@isle.net> wrote:

> Dear Oxnard Planning,
>
> I am against adding a cannabis store at Oxnard Shores.
>
> We are a residential neighborhood and we already have multiple alcohol-related businesses.
>
> I don't believe any residential neighborhood in Oxnard now has a cannabis store, so why would you start with the most densely populated single family residential neighborhood in the City of Oxnard?

Please, give us a break!

Thank you,

Ted & Cory Kuepper

5121 Corbina Way

Oxnard Shores, CA 93035

805-985-3077

5

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] Opposed to Cannabis Store in Oxnard Shores

1 message

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 2:16 PM
To: Clifford Maurer <clifford.m.maurer@gmail.com>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Clifford,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 1:54 PM Clifford Maurer <clifford.m.maurer@gmail.com> wrote:

> City of Oxnard Planning Commissioners,
>
> Thank you for your service to our community.
>
> I strongly oppose the permitting of a cannabis retail outlet in the Oxnard Shores Development and request you, as appointed representatives of our community, to recommend against approval of this special use permit.
>
> I have owned my property in Oxnard Shores for over 25 years. I have seen our neighborhood change with the times, some good, some bad. My neighbors and I work hard to maintain a 'neighborhood feel' in our community. While marijuana use is legal in California, the locations where it can be sold are strictly controlled. The intent of the law was that locations of cannabis retailers do no harm to the immediate areas for which they are permitted. As a result, proximity to schools, daycare providers, and a like, are clearly prescribed. Children and teenagers still live in this bedroom community. The small strip mall that serves the area now has two bars and one liquor store. Adding a cannabis store to the mix is both irresponsible and unfair to those of us who live, everyday, in this community. There is no commercial business district in Oxnard Shores, therefore, should the cannabis store be approved; it will be done so to serve a residential neighborhood. That is clearly not the intent of the voter approved Prop. 64.

Sincerely,

Clifford M. Maurer
5145 Whitecap St.
Oxnard, CA. 93035
--
Clifford M. Maurer, PE, CEM 443-995-2408

K

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] Oxnard Shores Shopping Center - NO to Cannabis store

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 12:13 PM
To: EM MM <finderika@gmail.com>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Erika,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 12:10 PM EM MM <finderika@gmail.com> wrote:

> To whom it may concern:
>
> I am a resident in the neighborhood writing to voice my opposition to opening a cannabis store in the Oxnard Shores Shopping Center. It is a beachfront residential area and there is already a bar, a microbrewery and a liquor store occupying 50% of the available retail spaces in the tiny shopping center. There are plenty enough nearby options to buy pot without needing to cater to more retail of addictive substances. This is one of the best areas to get outside and enjoy nature and it would be so much more conducive to have a commercial center that encouraged people to engage in a healthy outdoor lifestyle.
>
> Thanks,
> Erika Murphy

L

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Fwd: [Ask Planning Action] Pot store petitions

1 message

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 10:22 AM
To: Robert Murphy <murph1198@gmail.com>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hello Robert,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

---------- Forwarded message ---------
From: **Robert Murphy** <murph1198@gmail.com>
Date: Wed, Jan 12, 2022 at 8:50 AM
Subject: [Ask Planning Action] Pot store petitions
To: Planning <Planning@oxnard.org>, <OSNC@cirs.com>

To Planning Commissioners
I am submitting 33 signed petitions opposed to the opening of the pot store in Oxnard Shores.
These petitions were signed in 2021.
We want to be sure the commissioners are still aware of resident opposition to this store operating locally.
We already have two bars, and one liquor store in this strip mall. Another vice business is unwanted and over saturates the area.
Thank you.
Robert Murphy
5247 Whitecap St
Oxnard Shores

805 5095398

Signed Petitions Ox Shores Cannabis001.pdf
1259K

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

MEMORANDUM

Agenda Item No.: F.4

Date: January 13, 2022

To: **Planning Commission**

From: **Jose Coyotl, Associate Planner (805) 385-7863**
Scott Kolwitz, Planning & Environmental Services Manager

Subject: **Transmittal Memo No. 4 – TD Enterprise LLC dba Oxnard Holistics - Commercial Cannabis Business Retail Special Use Permit (SUP) -** PLANNING AND ZONING PERMIT No. 21-516-24 (Retail): Located at 1015 Harbor Boulevard (APN: 191-0-075-015). A request to permit the operation of a commercial cannabis retail facility within an existing 1,740 square-foot commercial suite of a 17,615 square-foot multi-tenant commercial building on a 2.39-acre site within the Commercial Neighborhood Convenience (CNC) zone. Proposed development includes tenant improvements: installation of interior wall partitioning, plumbing upgrades, upgrades to an existing fire alarm system, security upgrades to the existing building, and installation of new secure doors/windows. Cannabis retail operations will be conducted between the hours from 9:00 AM to 9:00 PM daily. Filed by Kristine Byers ("**Applicant**"), 2801 B Street Unit 161, San Diego, CA 92101, on behalf of TD Enterprise, LLC. dba Oxnard Holistics.

In October 2021, the City received inquiries about calls for service at this property. The Police Department provided the attached Dispatch Records.

Additionally, subsequent to the release of the Staff Report, staff has received additional public correspondence regarding the subject project (attached).

Attachments

A. Police Department Dispatch Records June 2018, 2018, through July 28, 2021
B. Email dated January 12, 2022 sent by Katherine Beattie
C. Email dated January 12, 2022 sent by Mary Ellen
D. Email dated January 12, 2022 sent by Mitch Faulkner
E. Email dated January 12, 2022 sent by Ron Hood
F. Email dated January 12, 2022 sent by Mark & Renee Ostrove
G. Email dated January 12, 2022 sent by Wayne Pihlgren
H. Email dated January 12, 2022 sent by Stuart Horwitz

COMMUNITY DEVELOPMENT DEPARTMENT
PLANNING DIVISION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

I. Email dated January 12, 2022 sent by Sarah Reynolds
J. Email dated January 12, 2022 sent by Gary & Marilyn Rudolph
K. Email dated January 12, 2022 sent by Angela Staff
L. Email dated January 12, 2022 sent by Janet Tausig
M. Email dated January 12, 2022 sent by Pamela Toderan
N. Email dated January 12, 2022 sent by George White
O. Email dated January 13, 2022, sent by Bob Fust
P. Email dated January 13, 2022 sent by Deirdre Frank
Q. Email dated January 13, 2022 sent by Susan Levine
R. Email dated January 13, 2022, sent by Emi Yazici.
S. Email dated January 11, 2022 sent by Deirdre Frank

1009 S HARBOR BLVD, OXNARD, CA
01/01/2018 - PRESENT

Incident Number	Call Date/Time	Officers	Dispositions	Location	Incident Type
[redacted]	7/28/2021 13:31		GOA - 1, ASS - 1	1009 S HARBOR BLVD, Oxnard	HOM
	6/30/2021 16:45		ADV - 1	1009 S HARBOR BLVD, Oxnard	FOLLOW UP
	10/11/2020 18:48		ASS - 1, ARR - 1	1009 S HARBOR BLVD, Oxnard	HOM
	9/29/2020 11:11		RPT - 1	1009 S HARBOR BLVD, Oxnard	VANDALISM
	7/2/2020 15:55		ASS - 1, ADV - 1	1009 S HARBOR BLVD, Oxnard	FOLLOW UP
	1/19/2020 12:05		GOA - 1	1009 S HARBOR BLVD, Oxnard	HOM
	11/10/2019 21:29		22 - 1	1009 S HARBOR BLVD, Oxnard	HOM
	7/27/2019 15:24		GOA - 1	1009 S HARBOR BLVD, Oxnard	HOM
	4/14/2019 11:24		GOA - 1	1009 S HARBOR BLVD, Oxnard	HOM
	3/27/2019 11:03		RPT - 1	1009 S HARBOR BLVD, Oxnard	VANDALISM
	3/13/2019 10:18		GOA - 1	1009 S HARBOR BLVD, Oxnard	HOM
	12/28/2018 19:57		HOM - 1, ADV - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/24/2018 11:40		GOA - 1, ASS - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/9/2018 15:22		GOA - 1, ADV - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/1/2018 22:44		ASS - 1, ADV - 2	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	11/10/2018 20:40		ADV - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	10/28/2018 11:28		22 - 2	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	10/26/2018 15:08		GOA - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	9/17/2018 20:30		ASS - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/2/2018 18:17		GOA - 1, ASS - 1	1009 S HARBOR BLVD, Oxnard	DISTURBANCE

1031 S HARBOR BLVD, OXNARD, CA
01/01/2018 - PRESENT

Incident Number	Call Date/Time	Officers	Dispositions	Location	Incident Type
[redacted]	9/29/2021 23:33		SEC - 1, FAL - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	9/24/2021 14:15		UTL - 1	1031 S HARBOR BLVD, Oxnard	ANIMAL COMPLAINT
	9/13/2021 3:38		ADV - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	8/22/2021 21:51		GOA - 1, ASS - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	8/2/2021 22:42		SEC - 1, FAL - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	7/17/2021 4:00		SEC - 1, FAL - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	7/12/2021 23:03		SEC - 1, FAL - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	7/1/2021 16:05		RPT - 1	1031 S HARBOR BLVD, Oxnard	FOLLOW UP
	6/14/2021 23:29		OTH - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/9/2021 0:01		137 - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	DOMESTIC
	3/27/2021 23:42		ASS - 1, ADV - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	3/24/2021 21:06		ASS - 1, 22 - 1	1031 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	3/7/2021 12:14		ADV - 1	1031 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	2/7/2021 21:37		UNF - 1	1031 S HARBOR BLVD, Oxnard	911
	12/31/2020 20:16		QOA - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/23/2020 15:15		ASS - 1, ADV - 1	1031 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	11/29/2020 21:26		ASS - 1, ARR - 1	1031 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	11/13/2020 22:01		QOA - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	11/13/2020 20:32		ADV - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	9/29/2020 21:41		ADV - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	9/20/2020 21:07		ADV - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	9/17/2020 21:07		ADV - 1	1031 S HARBOR BLVD, Oxnard	HOM
	8/20/2020 23:30		QOA - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	7/11/2020 23:58		ADV - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	7/4/2020 15:08		ADV - 1	1031 S HARBOR BLVD, Oxnard	911
	7/4/2020 12:46		ASS - 1, ADV - 1	1031 S HARBOR BLVD, Oxnard	HOM
	6/16/2020 21:21		GOA - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/9/2020 8:39		ADV - 2	1031 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	6/9/2020 6:18		ADV - 1	1031 S HARBOR BLVD, Oxnard	HOM
	6/7/2020 22:53		RPT - 1	1031 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	5/14/2020 14:03		UNF - 1	1031 S HARBOR BLVD, Oxnard	911
	5/4/2020 2:19		RPT - 2	1031 S HARBOR BLVD, Oxnard	VANDALISM
	3/27/2020 16:24		UNF - 1	1031 S HARBOR BLVD, Oxnard	911
	3/18/2020 19:18		ASS - 1, ARR - 1	1031 S HARBOR BLVD, Oxnard	FOLLOW UP
	1/17/2020 1:58		SEC - 1, FAL - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	1/11/2020 23:32		ASS - 1, ARR - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/31/2019 22:56		ADV - 1	1031 S HARBOR BLVD, Oxnard	BAR CHECK
	11/10/2019 19:33		GOA - 1, UNF - 1	1031 S HARBOR BLVD, Oxnard	DUI
	10/10/2019 23:50		IMP - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ANIMAL COMPLAINT
	9/22/2019 5:32		HOM - 1, ASS - 1, ADV - 1	1031 S HARBOR BLVD, Oxnard	HOM
	9/20/2019 7:03		HOM - 1, GOA - 1	1031 S HARBOR BLVD, Oxnard	HOM
	9/7/2019 21:32		ASS - 2, ADV - 1	1031 S HARBOR BLVD, Oxnard	DISORDERLY CONDUCT
	8/19/2019 2:01		SEC - 1, FAL - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	8/10/2019 23:28		ADV - 1	1031 S HARBOR BLVD, Oxnard	DOMESTIC
	7/23/2019 1:45		SEC - 1, FAL - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	6/28/2019 20:28		ASS - 1	1031 S HARBOR BLVD, Oxnard	DISORDERLY CONDUCT
	4/24/2019 1:53		SEC - 1, FAL - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	3/8/2019 2:53		SEC - 1, FAL - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	3/2/2019 3:31		SEC - 1, FAL - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	2/21/2019 1:43		SYS - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	2/20/2019 2:21		SYS - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	ALARM
	11/28/2018 23:53		ADV - 2	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	11/22/2018 3:17		SYS - 2	1031 S HARBOR BLVD, Oxnard	ALARM
	10/9/2018 0:03		ASS - 3, CIT - 1	1031 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	8/7/2018 1:42		ASS - 1, ARR - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/8/2018 16:11		ASS - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	3/15/2018 15:16		ADV - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE
	2/8/2018 13:55		HOM - 1, ASS - 1	1031 S HARBOR BLVD, Oxnard	DISTURBANCE

1035 S HARBOR BLVD, OXNARD, CA
01/01/2018 - PRESENT

Incident Number	Call Date/Time	Officers	Dispositions	Location	Incident Type
[redacted]	9/11/2021 1:36	[redacted]	SEC - 1, FAL - 1	1035 S HARBOR BLVD, Oxnard	ALARM
	8/25/2021 18:50	[redacted]	UTL - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	8/19/2021 16:14	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	ANIMAL COMPLAINT
	5/30/2021 12:26	[redacted]	ASS - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	REQUEST FOR OFFICER
	5/30/2021 10:10	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	5/28/2021 14:01	[redacted]	ASS - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC COLLISION
	5/26/2021 20:02	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	FOLLOW UP
	5/26/2021 9:22	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	5/5/2021 16:15	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	4/21/2021 10:50	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	1/27/2021 15:58	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	THEFT
	12/7/2020 18:34	[redacted]	UTL - 1	1035 S HARBOR BLVD, Oxnard	HOM
	11/19/2020 16:29	[redacted]	ASS - 4, RPT - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC COLLISION
	11/19/2020 16:29	[redacted]	ASS - 4, RPT - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC COLLISION
	11/12/2020 11:52	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	DISORDERLY CONDUCT
	10/16/2020 21:53	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	FOLLOW UP
	10/14/2020 4:05	[redacted]	ASS - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	9/13/2020 9:21	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	8/29/2020 15:20	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	8/26/2020 12:25	[redacted]	ASS - 1	1035 S HARBOR BLVD, Oxnard	REQUEST FOR OFFICER
	8/16/2020 12:10	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC COLLISION
	8/16/2020 1:47	[redacted]	22 - 1	1035 S HARBOR BLVD, Oxnard	ASSIST OTHER AGENCY/DEPARTMENT
	7/28/2020 20:26	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	7/20/2020 9:06	[redacted]	GOA - 1, ASS - 1	1035 S HARBOR BLVD, Oxnard	DOMESTIC
	7/6/2020 13:04	[redacted]	HOM - 1, ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/25/2020 14:05	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	6/21/2020 1:53	[redacted]	ASS - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	6/4/2020 9:28	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	VIOLATION OF COURT ORDER
	5/28/2020 12:09	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	5/16/2020 21:34	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	1/27/2020 20:36	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	1/9/2020 0:02	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	12/21/2019 17:59	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	12/17/2019 11:51	[redacted]	CIT - 1	1035 S HARBOR BLVD, Oxnard	DUI
	11/30/2019 16:00	[redacted]	CIT - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	11/6/2019 17:52	[redacted]	UTL - 1, ASS - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	11/6/2019 8:33	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	10/26/2019 17:21	[redacted]	GOA - 1, ASS - 1	1035 S HARBOR BLVD, Oxnard	HOM
	7/26/2019 5:40	[redacted]	SEC - 1, FAL - 1	1035 S HARBOR BLVD, Oxnard	ALARM
	7/15/2019 15:14	[redacted]	ASS - 1	1035 S HARBOR BLVD, Oxnard	SUBJECT STOP
	7/6/2019 13:03	[redacted]	GOA - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	6/14/2019 11:18	[redacted]	FI - 1	1035 S HARBOR BLVD, Oxnard	SUBJECT STOP
	5/21/2019 18:13	[redacted]	CIT - 1	1035 S HARBOR BLVD, Oxnard	THEFT
	4/30/2019 12:56	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	FOLLOW UP
	4/20/2019 6:38	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	HOM
	4/18/2019 0:26	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC COLLISION
	3/20/2019 13:23	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	3/10/2019 10:45	[redacted]	CIT - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	2/25/2019 21:21	[redacted]	OTH - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	2/21/2019 20:21	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	FOLLOW UP
	2/11/2019 15:26	[redacted]	ASS - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	2/10/2019 21:44	[redacted]	ATL - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	11/11/2018 3:50	[redacted]	ASS - 1, ARR - 1	1035 S HARBOR BLVD, Oxnard	SUBJECT STOP
	11/4/2018 8:18	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	10/23/2018 0:14	[redacted]	ASS - 1, CAN - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	10/2/2018 12:22	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	10/2/2018 11:47	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	9/25/2018 19:02	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	9/21/2018 14:58	[redacted]	ASS - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	SUICIDAL SUBJECT
	9/20/2018 21:03	[redacted]	GOA - 1, ASS - 1	1035 S HARBOR BLVD, Oxnard	DOMESTIC
	9/11/2018 9:34	[redacted]	FI - 1	1035 S HARBOR BLVD, Oxnard	SUBJECT STOP
	8/29/2018 15:32	[redacted]	ASS - 1, ARR - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	8/28/2018 2:16	[redacted]	ASS - 1, ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	8/26/2018 7:52	[redacted]	ASS - 1, ADV - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	8/26/2018 7:52	[redacted]	ASS - 1, ADV - 1, RPT - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	8/23/2018 1:44	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	LOST/FOUND PROPERTY
	8/17/2018 16:36	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	8/10/2018 20:00	[redacted]	ASS - 2	1035 S HARBOR BLVD, Oxnard	ASSAULT
	7/8/2018 15:31	[redacted]	ATL - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	6/25/2018 13:06	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	STOLEN VEHICLE
	6/25/2018 13:06	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	STOLEN VEHICLE
	6/11/2018 3:38	[redacted]	GOA - 1, ASS - 1	1035 S HARBOR BLVD, Oxnard	CHECK THE WELL BEING
	4/1/2018 1:55	[redacted]	ASS - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	3/27/2018 19:34	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	SUBJECT STOP
	3/20/2018 4:58	[redacted]	RPT - 1	1035 S HARBOR BLVD, Oxnard	BURGLARY
	3/18/2018 18:59	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	DISTURBANCE
	3/8/2018 14:55	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	3/6/2018 6:24	[redacted]	GOA - 1	1035 S HARBOR BLVD, Oxnard	SUSPICIOUS ACTIVITY
	1/27/2018 4:43	[redacted]	ADV - 1	1035 S HARBOR BLVD, Oxnard	TRAFFIC STOP
	1/26/2018 15:29	[redacted]	ASS - 2	1035 S HARBOR BLVD, Oxnard	DISTURBANCE

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Pot Shop

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:42 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

-----Original Message-----
From: Katherine Beattie <kb@3dogmail.com>
Sent: Wednesday, January 12, 2022 7:40 AM
To: Oxnard Shores Neigh. Council <OSNC@cirs.com>
Subject: Pot Shop

I do not object to a dispensary being located there. Dispensaries have less impact than liquor stores.

Katherine Beattie, 4810 Amalfi Way
kb@3dogmail.com
310-351-1517

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

[Ask Planning Action] Mariijuana store in the Shores

1 message

Mary Ellen <mehwood@usa.net> Wed, Jan 12, 2022 at 8:25 PM
To: Planning@oxnard.org
Cc: OSNC@cirs.com

I OPPOSE the marijuana store in the Shores shopping Center. I Vote NO.

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Cannabis store Oxnard Shores

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:38 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Mitch Faulkner <kingmjf@verizon.net>
Sent: Wednesday, January 12, 2022 2:35 PM
To: Planning@oxnard.org
Cc: OSNC@cirs.com
Subject: Cannabis store Oxnard Shores

"I oppose putting a new cannabis store in Oxnard Shores."

Pamela Toderan

811 Mandalay Beach Road

Oxnard

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

FW: Proposed Oxnard Shores Pot Shop

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:44 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Ron Hood <hoodrond@aol.com>
Sent: Monday, January 10, 2022 9:37 AM
To: Planning@oxnard.org
Cc: OSNC@cirs.com; cinsun@aol.com; murph1198@gmail.com
Subject: Proposed Oxnard Shores Pot Shop

City of Oxnard;

Some of us in the Shores neighborhood oppose the proposed Pot Shop in the Shores shopping center for multiple reasons. Such as, 1) there are already plenty of Pot Shops in Oxnard; 2) we don't need another vice shop in the Shores neighborhood shopping center, which most likely would negatively impacts the community at large due to the statistical issues associated with such (i.e., crime).

Ron Hood

5126 Outrigger Way

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

FW: Planning Commission Meeting January 13th Item #4

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:43 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Renee Ostrove <disneyrenee@hotmail.com>
Sent: Tuesday, January 11, 2022 12:05 PM
To: Planning@Oxnard.org
Subject: Planning Commission Meeting January 13th Item #4

I think putting a marijuana dispensary in our residential neighborhood is a horrible idea. Our neighborhood children walk to that center every day to get doughnuts at “Heavenly Cakes”, they go to the “Bottle Shop” for an ice cream or a soda in the summer time. We take our kids and grand kids for a slice at the “Pizza Company”. Our children accompany their parents to the laundry mat in that center. Now all of a sudden we are going to have an armed guard out front. Are we supposed to tell our kids that the dispensary is perfectly safe to be around. If it's such a safe place why the heck do they need an armed guard? How do we discourage our children from using a substance that harms them physically and mentally when they see one on every corner like a “Star Bucks”. Our city should be ashamed for putting revenue above our young. Marijuana increases teen use and leads to more medical emergencies including traffic deaths from driving while high.

This isn't a strip mall in an adult area, this is a residential neighborhood. This center is pretty much in the center of Oxnard Shores where the residents and guests pass by multiple times per day. A marijuana dispensary has no place here. The fact that you are proud that you are packing our City of Oxnard with 16 dispensaries is disgusting. The fact that one of the other dispensaries is called “Cookies” is just wrong. What is the matter with you? If this goes through I am sure you will not get the support for economic plans or votes for re-election in the future. I ask you to think about our community instead of the money this will bring you.

Mark & Renee Ostrove

5107 Surfrider Way

Oxnard 93035

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Vote NO Pot Store Oxnard Shores

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:44 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: WAYNE PIHLGREN <wpihlgren@msn.com>
Sent: Monday, January 10, 2022 4:42 PM
To: Planning@oxnard.org
Cc: OSNC@cirs.com
Subject: Vote NO Pot Store Oxnard Shores

This email is in reference to Item 4 (Pot Store in Oxnard Shores) on your meeting agenda January 13,2022. We are extremely concerned that the city would even consider such an establishment in a residential area. Homes in our neighborhood sell for $1,000,000+. We pay high taxes to live here and do not expect to see a Pot Store around the corner of our home. There are many cannabis (Pot Stores) on Channel Islands Blvd already. Do your due diligence that we expect of you and examine the location of where the store will go. Pot Stores DO NOT belong in residential areas like ours. It will substantially increase the risk of illicit behavior and illegal actions in our neighborhood. We have children and families living here and expect the City Council not to degregate the quality of life that we currently have.

VOTE NO FOR LOCATING A POT STORE IN OXNARD SHORES!!

Wayne & Eva Pihlgren

5237 Whitecap St

Oxnard 93035

Sent from Mail for Windows

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Cannabis Shop permit

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:43 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Stuart Horwitz <stuart.horwitz@gmail.com>
Sent: Tuesday, January 11, 2022 1:36 PM
To: OSNC@cirs.com
Subject: Cannabis Shop permit

I am opposed to issue a Cannabis Permit for the following reasons:

There is not a need for this type of establishment at this location when any one in need of these products can go less than three miles to Channel Islands Blvd and select from five or more Cannabis Shops.The shopping center which is proposed is a small center located in a very residential neighborhood, that has a liquor store and two other locations to purchase alcohol,which has had crime issues in the past ,we are still dealing with a homeless population that lives in the dunes off of Fifth street and in empty sand lots on Fifth street as well as less than two miles north of this location on Harbor where drugs are sold. The police department has limited resources to handle our issues now auto theft,break ins garage theft ,we don't need to add potential more crime to support drug habits . The amount of tax revenue that this will bring won't be enough to pay one months overtime for one police officer Please find another location in an industrial area not here stuart Horwitz

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Potential Dispensary

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:44 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Sarah Reynolds <sarahreynolds65@gmail.com>
Sent: Tuesday, January 11, 2022 11:43 AM
To: OSNC@cirs.com
Subject: Potential Dispensary

To Whom it May Concern,

I am vehemently opposed to the dispensary going into the shores shopping center. It will create even more disruptive behavior than already exists. More families are moving into our neighborhood and this is not the right business for our needs at this time.

Sincerely,

Sarah Reynolds

Terramar Way

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Planning Commission 1_13_2022

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:37 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Gary Rudolph <grpharmd@yahoo.com>
Sent: Wednesday, January 12, 2022 4:27 PM
To: Planning <planning@oxnard.org>
Cc: OSNC@cirs.com
Subject: Re: Cannabis store Oxnard Shores

We strongly oppose allowing a new cannabis store in Oxnard Shores.

Marilyn Rudolph

Gary Rudolph

761 Mandalay Beach Road

Oxnard, Ca 93035

On Wednesday, January 12, 2022, 02:08:44 PM PST, Gary <grpharmd@yahoo.com> wrote:

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

FW: Item 4

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:44 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: Angela Slaff <angelaslaff@aol.com>
Sent: Monday, January 10, 2022 6:26 PM
To: Planning@Oxnard.org
Cc: OSNC@cirs.com
Subject: Item 4

Dear Members:

It is alarming to me that Oxnard Shores , A RESIDENTIAL COMMUNITY, is even considered to house a CBD store when there are so many other options available in commercial areas of Oxnard.

If you check into where these stores are located in other cities,is always in a COMMERCIAL AREA !

In Vons shopping center at Victoria and Wooley, there are several available spaces. What about the latest addition there that has always been available since being built. And, it is away from the main shopping area with plenty of parking available.

Another option is the commercial area on 5th Street just east of Victoria where there are several available spaces for this store.

Please consider how you, as individuals, would feel about having a CBD store as your next door neighbor.

Thank you,

Angela Slaff

5131 Wavecrest Way,

Oxnard, CA. 93035

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Proposed pot shop in Oxnard Shores neighborhood

1 message

OSNC@cirs.com <OSNC@cirs.com> Wed, Jan 12, 2022 at 8:42 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

-----Original Message-----
From: Janet Tausig <tausig1978@gmail.com>
Sent: Wednesday, January 12, 2022 8:46 AM
To: Planning@oxnard.org
Cc: OSNC@cirs.com
Subject: Proposed pot shop in Oxnard Shores neighborhood

Your ill-considered notion of allowing a pot shop to operate in an otherwise fine neighborhood is appalling.

Please put this less-than-savory business in an Oxnard commercial setting, not in this charming neighborhood. Our children and grandchildren deserve better than this affront to safety and good taste.

Janet & Wayne Tausig
45 year residents, Oxnard Shores

Sent from my iPhone

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

Re: [Ask Planning Action] Cannabis store Oxnard Shores

Lai, Dee <dee.lai@oxnard.org> Wed, Jan 12, 2022 at 3:00 PM
To: Mitch Faulkner <kingmjf@verizon.net>
Cc: Jose Coyotl <jose.coyotl@oxnard.org>, "Kolwitz, Scott" <scott.kolwitz@oxnard.org>

Hi Mitch,
Thank you for your email. I am copying Jose Coyotl and Scott Kolwitz for their review. Your email will be transmitted to the Planning Commissioners and posted online.
Regards,

Dee Lai | Administrative Secretary III
Community Development Department
214 S C Street | Oxnard, CA 93030
O: 805.385.7878
www.oxnard.org

CITY OF OXNARD CALIFORNIA

The Service Center and all public-interfacing City buildings will temporarily close to the public beginning Monday, January 3rd, 2022 due to health and safety considerations. No in-person services will be available until further notice.

Online services remain available through our online portal at www.oxnard.org/planning

- General inquiries should be sent via email to Planning@oxnard.org.
- For new applications, email us at planning@oxnard.org. Large projects can be shipped with prior authorization. Smaller projects may be submitted via email.
- For existing applications, contact your assigned Case Planner by direct email.

For the most up to date information on COVID-19 please visit https://www.venturacountyrecovers.org/

On Wed, Jan 12, 2022 at 2:35 PM 'Mitch Faulkner' via Planning <planning@oxnard.org> wrote:

> "I oppose putting a new cannabis store in Oxnard Shores."
>
> Pamela Toderan
> 811 Mandalay Beach Road
> Oxnard

CITY OF OXNARD CALIFORNIA

Coyotl, Jose <jose.coyotl@oxnard.org>

FW: Agenda Item 4 cannabis dispensary

OSNC@cirs.com <OSNC@cirs.com> Thu, Jan 13, 2022 at 10:42 AM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: George White <georgestravel@yahoo.com>
Sent: Thursday, January 13, 2022 10:13 AM
To: Planning@Oxnard.org
Cc: OSNC@cirs.com
Subject: Agenda Item 4 cannabis dispensary

Re: Item 4 on the Planning Commission agenda

The reason for having a planning commission is to bring a human understanding rather than just mindlessly checking off the minimal requirements.

It is wrong to allow a cannabis dispensary in the small strip mall in residential area of Oxnard Shores.

There are a number of commercial areas right on the major streets of Victoria and 5th that would be easy to find and not have residential areas nearby.

I am contacted by the city for an opinion every time a new structure is proposed but was never contacted about allowing a destructive present of a dispensary. Look to the news and you can see cannabis dispensaries can attract crime. Why else would they need a security officer?

This is in the middle of a residential neighborhood with access only going through a maze of residential streets. There are already numerous serious accidents caused by the by the narrow residential streets and confusion caused by the Harbor and Little Harbor intersections.

Some of the customers are going to drive a short distance through the maze of residential streets to starting using the cannabis. This will cause disruption of the neighborhood. It is a pipe dream to imagine dispensary customers are going to work their way through the complicated residential streets to get home to use their

purchases. This DUI driving will cause even more personal and property damage along with the accidents already caused by the STR visitors trying to navigate the confusing small residential streets.

I could go on and on about what a mistake it would be to allow a dispensary in the small strip mall. Allow the dispensary to move into a commercial area outside of a residential area that has easy access.

There are only cons to having a dispensary in this location and no pros.

George White

Resident of Oxnard Shores

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

Fwd: Oxnard Holistics

1 message

Seydoux, Simone <simone.seydoux@oxnard.org> Thu, Jan 13, 2022 at 2:43 PM
To: Dee Lai <dee.lai@oxnard.org>
Cc: City Clerk <cityclerk@oxnard.org>

---------- Forwarded message ---------
From: **Bob Fust, Sr** <rfust12@comcast.net>
Date: Thu, Jan 13, 2022 at 2:26 PM
Subject: Oxnard Holistics
To: <cityclerk@oxnard.org>

My wife and I are opposed to the approval of a cannabis shop in Oxnard Shores.
Robert Fust
Kathleen Stephens

Sent from my iPad

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

1/13/21 PC meeting--language from 6/4/19 City Council Meeting staff report Item L2

1 message

Deirdre Frank <pilawqueen@aol.com> Thu, Jan 13, 2022 at 11:23 AM
Reply-To: Deirdre Frank <pilawqueen@aol.com>
To: "dee.lai@oxnard.org" <dee.lai@oxnard.org>, "jose.coyotl@oxnard.org" <jose.coyotl@oxnard.org>

Language below makes clear there was to be no Cannabis in the Coastal Zone.

Potential Manufacturing, Distribution, & Testing locations are identified within Attachment A. Because the Rose Santa Clara Corridor Specific Plan contains zoning designations which do not directly align with the City's zoning designations, an additional map for this area has been prepared to identify general siting locations. Given that cannabis siting contains specific limitations (proximity to sensitive uses as defined in this staff report), both of the attached maps should be considered "conceptual locations". The precise locations will be determined through discussions with the Community Development Department and as part of the Cannabis Business Permit review process. The maps within Attachment A should be considered Overlay Maps. An overlay is a procedure that estimates the attributes of one or more features (potential locations and buffer areas) by superimposing them over other features (zoning). Potential manufacturing, testing, and distribution would be generally located in the following locations: Rose Santa Clara Corridor Specific Plan area (Business Park and Commercial) – north of US 101, west of N. Rice Ave., and generally east of Paseo Mercado; Sakioka Farms Specific Plan area (Industrial and Business Research Park) – south of US 101, east of N. Rice Ave.; McInnes Ranch Specific Plan area (Industrial) - south of Sakioka, and north of W. Fifth Street, east of N. Rice Ave; Northfield Seagate (Industrial) – west of N. Rice Ave., north of W. Fifth Street, south of US 101; Channel Islands Business Center (Industrial) - south of Wooley Rd., west of S. Rose Ave., and north of E. Channel Island Blvd.; Statham Blvd. (Industrial) – west of S. Rose Ave., north of Channel Islands Blvd., east of Rose Ave.; and Arcturus (Industrial) – north and south of E. Hueneme Rd., west of Perkins, Ormond Beach area. In some locations, the Potential Industrial Areas are oddly shaped. This is because the 600 foot measurement is from parcel to parcel (boundary line to boundary line) and in some location areas are retained as one parcel with multiple buildings/land uses. With this in mind, the manufacturing, testing, and distribution map should be considered an "Overlay Maps" which means that locations for these uses are conceptually identified with specific land use siting being determined through the Cannabis Business Application Process (see process below). Cannabis manufacturing, testing, and distribution are not proposed within the Coastal Zone. Future allowance of cannabis uses within the Coastal Zone would require an amendment to the City's Local Coastal Zoning Ordinance.

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

[Ask Planning Action] Pot Store in Oxnard Shores (Item 4)

1 message

'Susan Levine' via Planning <planning@oxnard.org> Thu, Jan 13, 2022 at 11:57 AM
Reply-To: Susan Levine <mizzysue@me.com>
To: Planning@oxnard.org
Cc: OSNC@cirs.com

I would like to voice my concern over the idea of a pot store in the strip mall in Oxnard Shores. I feel it would do nothing to improve out community and that there are far better locations for it. The impact that it would have here, in my opinion, would be detrimental.

Thank you for your attention to the matter.

Susan Levine
Seabreeze Way
Oxnard

Sent from my iPad

CITY OF OXNARD CALIFORNIA

Lai, Dee <dee.lai@oxnard.org>

FW: Cannabis Shop

1 message

OSNC@cirs.com <OSNC@cirs.com> Thu, Jan 13, 2022 at 12:13 PM
To: jose.coyotl@oxnard.org, dee.lai@oxnard.org

Comment provided to the Oxnard Shores Neighborhood Council for the Planning Commission Meeting 1_13_2022 Item#4

From: emi yazici <emitherealtor@gmail.com>
Sent: Thursday, January 13, 2022 11:59 AM
To: OSNC@cirs.com
Subject: Cannabis Shop

I vote no for it.

Emine Yazici

CITY OF OXNARD CALIFORNIA

Kolwitz, Scott <scott.kolwitz@oxnard.org>

I do not see this as part of the transmittals sent to comm. I need it in the record please.

1 message

Deirdre Frank <pilawqueen@aol.com> Thu, Jan 13, 2022 at 5:21 PM
Reply-To: Deirdre Frank <pilawqueen@aol.com>
To: "scott.kolwitz@oxnard.org" <scott.kolwitz@oxnard.org>

-----Original Message-----
From: Deirdre Frank <pilawqueen@aol.com>
To: jose.coyotl@oxnard.org <jose.coyotl@oxnard.org>
Sent: Tue, Jan 11, 2022 2:16 pm
Subject: PC 1/13/21 Item 4 Cannabis Dispensary Oxnard Shores

WHY THE SUP FOR PROPOSED CANNABIS DISPENSARY IN OXNARD SHORES SHOULD BE DENIED OR CONTINUED TO ALLOW THE CITY MANAGER TO MODIFY THE REQUEST FOR APPLICATION.

Oxnard Ordinance 2994, passed in December, 2020 sets forth the provisions for establishing regulations and procedures for implementing storefront retail cannabis sales, as well as other cannabis related activities. SEC 11-450 states it is the PURPOSE AND INTENT of the Ordinance to "regulate the Cultivation, Processing, manufacturing, testing, SALE . . .of Cannabis and Cannabis Products in a RESPONSIBLE MANNER TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF THE RESIDENTS OF THE CITY. . ."

The Ordinance grants complete control to the City Manager/Designee to adopt procedures to govern the application process as well as the decision to be made regarding the issuance of any Commercial Cannabis Business Permit. Per SEC 11-457(I) . . ."prior to permit issuance by the City Council, THE CITY MAY ALSO MODIFY, POSTPONE, OR CANCEL any request for applications . . .without liability, obligation, or commitment to any party . . ."

SEC 11-457(F) says . . ."the city manager reserves the right to reject any or all applications if the city manager determines it would be in the best interest of the city, TAKING INTO ACCOUNT ANY HEALTH, SAFETY AND WELFARE IMPACTS on the community."

Residents of Oxnard Shores request that the City request modification of the application as to location or, in the alternative, that the Planning Commission deny the SUP.

This is a total residential environment except for this small strip mall where all storefronts are connected. There are 3 alcohol outlets (1 liquor store, 1 full bar open until 1 a.m. and a brewery). Oxnard Ordinance 2994 states in SEC 11-478 RESTRICTIONS ON ALCOHOL AND TOBACCO SALES (A) No person shall cause or permit the sale, dispensing or consumption of alcoholic beverages on OR ABOUT the premises of the Commercial Cannabis Business. (B) No person shall cause or permit the sale of tobacco products on OR ABOUT the premises of the Commercial Cannabis Business. This location cannot conform to these restrictions.

The parking requirements of 1 space for 250 feet do not address the probable future needs of the existing businesses there to use parking for outdoor service as was done during COVID lockdown, something that should now be considered with all parking requirements as Ventura is doing re: its downtown parking.

This strip mall has 2 vacant spaces now. The potential dispensary space had, as an anticipated tenant, Tacos El Diablo, that thrilled our neighborhood! Signs were posted and then, poof, it was gone, relocated to C & 5th Street in Downtown Oxnard to allow the dispensary to apply for the location. This is not an abandoned center that needs a tenant, activity flows from the neighborhood to pick up pizza, cakes, laundry, vitamins, to use postal services, go for drinks and dinner, get ice cream at the mini market/liquor store. It is a busy place, see attachments for time lapse video showing same. Note from the videos that there is only 1 "street" (Wooley) and 1 "Way" (Outrigger) to access the strip mall. There is no direct access off Harbor Blvd. Note also, the pedestrian/bike/vehicle traffic flow (cars using the parking lot to "pass through" to avoid the intersection at Harbor & Wooley, an intersection rife with accident statistics).

Finally, to the extent that neighborhood involvement is considered, I note that the MAPS were "conceptually identified on land use maps", "conceptually permitted in property zoned" neighborhoods (see SEC 11-473 (B)) without any specific location identified to the neighborhoods until after the application process began. Council only approved these conceptual maps NOT specific locations.

There was discussion about whether to consider Residential as a "sensitive use" and extending the sensitivity area(s) to 1,000 feet, both were rebuffed by Planning and Council. Many Cities DID include Residential as a sensitive use. It would have been perfect to apply to a neighborhood such as the Shores, given the extreme close proximity of the residential to the strip mall, less than 300 feet. A recommendation could be made by this Commission to have this revisited by the City Manager AND Council as this Ordinance allows for revisions.

Thank you.

Deirdre Frank
5244 Seabreeze Way
Oxnard, CA 93035